# CLOSURE PLAN PHASE I WORK PLAN
# OB/OD UNIT HWMU AND
# PARCEL 3 SWMUS AND AOCS
# FINAL

## FORT WINGATE DEPOT ACTIVITY
## McKinley County, New Mexico

**27 June 2008**

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## *LIST OF ACRONYMS*

| | |
|---|---|
| °C | degrees Celsius |
| °F | degrees Fahrenheit |
| AOC | Area of Concern |
| AR | Air Rotary |
| ASR | Archive Search Report |
| BEC | BRAC Environmental Coordinator |
| bgs | Below Ground Surface |
| BIP | Blow-in-Place |
| BMP | best management practices |
| BRAC | Base Realignment and Closure |
| BRACD | BRAC Office |
| CAMU | Corrective Action Management Unit |
| CAS | Chemical Abstract Service |
| CEC | cation exchange capacity |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CFP | Closure Field Program |
| CFR | Code of Federal Regulations |
| CLP | Contract Laboratory Program |
| cm | centimeters |
| CRZ | Contamination Reduction Zone |
| CWM | Chemical Warfare Material |
| CY | cubic yards |
| DGM | Digital Geophysical Mapping |
| DGPS | differential Global Positioning System |
| DMM | Discarded Military Munitions |
| DNB | 1,3-dinitrobenzene |
| DNT | 2,4-dintrotoluene |
| DO | dissolved oxygen |
| DOD | Department of Defense |
| DOI | Department of the Interior |
| DOT | Department of Transportation |
| DQO | Data Quality Objective |
| EDD | Electronic Data Deliverable |
| EIMS | Environmental Information Management System |
| EM | Electromagnetic |
| FWDA | Fort Wingate Depot Activity |
| GPO | Geophysical Prove-Out |
| GPR | ground-penetrating radar |
| gpm | gallons per minute |
| GPS | Global Positioning System |
| HWB | Hazardous Waste Bureau |
| HWMU | Hazardous Waste Management Unit |
| IAW | in accordance with |
| ID | Identification |

## *LIST OF ACRONYMS (CONTINUED)*

| | |
|---|---|
| IDW | Investigation Derived Waste |
| IFWGWMP | Interim Facility-Wide Ground Water Monitoring Plan |
| IRDMIS | Installation Restoration Data Management Information System |
| IRP | Installation Restoration Program |
| LCS | laboratory control sample |
| LDPE | Low-density polyethylene |
| LDR | Land Disposal Restriction |
| MAG | magnetic |
| MC | Munitions Constituents |
| MCL | Maximum Contaminant Level |
| MD | Munitions Debris |
| MDL | Method Detection Limit |
| MEC | Munitions and Explosives of Concern |
| mg/kg | Milligram per Kilogram |
| mg/L | Milligram per Liter |
| MI | Multi-Incremental |
| ml | milliliters |
| ml/min | milliners per minute |
| MMRP | Military Munitions Response Program |
| MR | Munitions Response |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| MSL | Mean Sea Level |
| MSSL | Medium-Specific Screening Level |
| NAGPRA | Native American Graves Protection and Repatriation Act of 1990 |
| NELAP | National Environmental Laboratory Accreditation Program |
| NMAC | New Mexico Administrative Code |
| NMED | New Mexico Environmental Department |
| NMWQCC | New Mexico Water Quality Control Commission |
| NRCS | Natural Resources Conservation Service |
| OB/OD | Open Burning/Open Detonation |
| OVA | Organic Vapor Analyzer |
| PA | Programmatic Agreement |
| PCB | Polychlorinated Biphenyl |
| PPE | Personal Protective Equipment |
| PQL | Practical Quantitation Limit |
| psi | pounds per square inch |
| PVC | polyvinylchloride |
| QA | Quality Assurance |
| QC | Quality Control |
| QSM | Quality Systems Manual |
| QCSR | Quality Control Summary Report |
| RCRA | Resource Conservation and Recovery Act |
| RFI | RCRA Facility Investigation |

## *LIST OF ACRONYMS (CONTINUED)*

| | | |
|---|---|---|
| 1 | SNR | signal-to-noise ratio |
| 2 | SOW | Statement of Work |
| 3 | SRHI | Summary Report of Historical Information |
| 4 | SSL | Soil Screening Level |
| 5 | SVOC | Semi-Volatile Organic Compound |
| 6 | SWMU | Solid Waste Management Unit |
| 7 | TAL | Target Analyte List |
| 8 | TCP | Traditional Cultural Properties |
| 9 | TCLP | Toxicity Characteristic Leaching Procedure |
| 10 | TEAD | Tooele Army Depot |
| 11 | TNT | Trinitrotoluene |
| 12 | TOC | total organic carbon |
| 13 | TSD | treatment, storage, and disposal |
| 14 | USACE | U.S. Army Corps of Engineers |
| 15 | USATHAMA | U.S. Army Toxic and Hazardous Materials Agency |
| 16 | USEPA | U.S. Environmental Protection Agency |
| 17 | USCS | Unified Soil Classification System |
| 18 | USGS | U.S. Geological Survey |
| 19 | UST | Underground Storage Tank |
| 20 | UTM | universal transverse mercator |
| 21 | UXO | Unexploded Ordnance |
| 22 | VOC | Volatile Organic Compound |
| 23 | WAA | wide area assessment |
| 24 | WP | white phosphorus |
| 25 | WSMR | White Sands Missile Range |

# 1.0 INTRODUCTION

This document is the Closure Plan Phase I Work Plan (Work Plan) for the OB/OD Unit Hazardous Waste Management Unit (HWMU), located in Parcel 3 at Fort Wingate Depot Activity (FWDA). This document also describes supplemental investigations to be conducted to evaluate Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) in Parcel 3.

This document was prepared by TerranearPMC, LLC of Exton, Pennsylvania, in partial fulfillment of the requirements of Task Order No. 0011 under Contract W9126G-06-D-0016. 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 part of closure of the Open Burning/Open Detonation (OB/OD) Unit under the Resource Recovery and Conservation 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.

In accordance with Permit Condition VIII.B.1- Prior Consultation Requirements, FWDA has consulted with the Pueblo of Zuni and the Navajo Nation as part of the preparation process for this Work Plan. Confirmation and summation of the Tribal consultation process are provided in Attachment 1 to this Work Plan.

## 1.1 PURPOSE/OBJECTIVE

The purpose of this Work Plan is to summarize previous investigation and restoration activities at the HWMU and propose additional investigations necessary to support preparation of a Closure Plan for the HWMU, as required by Section VIII.A.2.1 of the Permit.

A companion Summary Report of Historical Information (SRHI) for the OB/OD Unit HWMU and Parcel 3 SWMUs and AOCs has been prepared to provide additional detail on previous investigation and restoration activities for the OB/OD Unit HWMU and SWMUs and AOCs located in Parcel 3.

Although the Permit does not require evaluation of the Parcel 3 SWMUs and AOCs until May 2017, the Army has elected to include (in this Work Plan and companion SRHI for the OB/OD Unit and Parcel 3 SWMUs and AOCs) summaries of previous investigation and restoration activities at the Parcel 3 SWMUs and AOCs, and to propose additional investigations necessary to gather data to support preparation of the RCRA Facility Investigation (RFI) Work Plan and Release Assessment Report for Parcel 3.

# 2.0 BACKGROUND

## 2.1 HISTORY

FWDA is a closed U.S. Army depot (Figure 2-1) 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 continued to provide support services to FWDA until January 31, 2008. On January 31, 2008, command and control and support functions were transferred to White Sands Missile Range (WSMR). Additional details regarding FWDA history are provided in the companion Summary Report of Historical Information (SRHI) for Parcel 3.

As shown in Figures 2-2 and 2-3, the OB/OD Unit HWMU is located in Parcel 3. Parcel 3 is not scheduled to be relinquished to the Department of the Interior (DOI) with the remainder of the installation; therefore, there is no planned reuse of Parcel 3 at this time.

When the environmental restoration process began at FWDA, the OB/OD Area was divided into two subareas based on period of operation. An area known as the Closed OB/OD Area was used from 1948 to 1955. Residues and debris from open burning and open detonation operations were placed at various locations within the Closed OB/OD Area. Because the period of operations in the Closed OB/OD Area predated RCRA by approximately 25 years, the Closed OB/OD Area was not permitted under RCRA. Therefore, when the Permit was issued, the area previously known as the Closed OB/OD Area was identified as three separate SWMUs (see Figure 2-3):

- SWMU 14, which consists of the Old Burning Ground and Demolition Landfill Area;
- SWMU 15, which consists of the Old Demolition Area; and
- SWMU 33, which consists of one residue/debris pile south of SWMU 15.

From approximately 1948 until installation closure in January 1993, burning and detonation operations were performed within an area known as the Current OB/OD Area. The OB/OD Unit Hazardous Waste Management Unit (HWMU) is an area within the Current OB/OD Area. The OB/OD Unit (Figure 2-3) includes the Burning Ground, the twelve detonation craters in existence at the time of

installation closure, and ten areas of surface and subsurface residue and debris derived from OB/OD activities during the approximately 45 years of operation.

In addition to the OB/OD Unit HWMU and three Closed OB/OD Area SWMUs listed above, Parcel 3 contains one additional SWMU and four AOCs, as follows (Figure 2-3):

- SWMU 74 Area 16 or Site 16 (Proposed Burning Ground);
- AOC 89 Features 30 and 34 on the 1973 Aerial Photo API-5;
- AOC 90 Feature 36 on the 1973 Aerial Photo API-5;
- AOC 91 Feature 41 on the 1973 Aerial Photo API-5 and Feature 27 on the 1978 Aerial Photo API-7; and
- AOC 92 Feature 31 on the 1973 Aerial Photo API-5 and Feature 21 on the 1978 Aerial Photo API-7.

## *2.2 OB/OD OPERATIONS OVERVIEW*

As described above, part of the FWDA mission was to demilitarize unserviceable, obsolete, and/or waste explosives, propellants, munitions, and munitions components. Some of these demilitarization activities were accomplished using treatment by open burning (OB) or open detonation (OD) in the OB/OD areas. Related materials were also treated in the OB/OD areas, including objects that were potentially contaminated with explosives during storage and handling, such as shipping containers and dunnage. Additional details regarding OB/OD operations are provided in the companion Summary Report of Historical Information (SRHI) for Parcel 3.

## *2.3 ENVIRONMENTAL INVESTIGATION AND RESTORATION ACTIVITIES*

The environmental restoration process at FWDA had been underway for 25 years prior to Permit issuance. With the exception of the OB/OD Area, environmental restoration activities at FWDA began in 1980 under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) guidelines, with the U.S. Environmental Protection Agency (USEPA) Region 6 as the lead regulatory agency.

Since that time, NMED has become the lead regulatory agency, and the pathway for environmental restoration has been evolving for a number of years. In 2002, NMED determined that the pathway would be a RCRA permit for post-closure care of the OB/OD Area, with a RCRA corrective action module attached to address requirements for other sites. The Permit (NM 6213820974) was finalized in December 2005 and became effective 31 December 2005 (NMED, 2005).

### *2.3.1 Previous Investigations*

A detailed summary of previous investigations conducted within and around Parcel 3 has been provided in the companion SRHI for the OB/OD Unit and Parcel 3 SWMUs and AOCs.

Information and analytical data from previous environmental investigations and restoration activities have been incorporated into the Work Plan discussions for the OB/OD Unit HWMU and each SWMU and AOC in Parcel 3 (Sections 4.0 through 11.0 of this Work Plan).

### *2.3.2 Evaluation of Existing Environmental Characterization Data*

#### *2.3.2.1 Database Evaluation*

As described in the companion SRHI for the OB/OD Unit HWMU and Parcel 3 SWMUs and AOCs, overall, all data discussed herein have been collected and analyzed in accordance with (IAW) work plans approved by NMED.

Although many of the data discussed herein are more than 10 years old, all data were collected following the end of FWDA OB/OD operations in 1992/1993; therefore, with the exception of possible contaminant migration or reduction as a result of natural processes, the data remain representative of current conditions. As noted in the SRHI, data were collected, managed, and validated as described in NMED-approved work plans.

Characterization data collected to date generally meet the current Data Quality Objectives (DQOs) described in this Work Plan (Section 13.1.3) and are suitable for use in RCRA closure of the HWMU and the Parcel 3 Corrective Action process for the SWMUs and AOCs.

#### *2.3.2.2 Data Nomenclature*

For discussion purposes, the sample identification (ID) nomenclature used during previous investigations will be used in this Work Plan to indicate both sample locations (e.g. CRP1020202) and sample areas (e.g. CRP10).

When the environmental restoration process began at FWDA, the OB/OD Area was divided into two subareas based on period of operation, the Closed OB/OD Area and the Current OB/OD Area. The OB/OD Unit Hazardous Waste Management Unit (HWMU) is an area within the Current OB/OD Area.

Generally, a sample ID beginning with a “C” indicated the sample location was collected as part of the Current OB/OD Area investigations (in locations now part of the OB/OD Unit HWMU), and a sample ID beginning with “K” indicated the sample location was collected as part of the Closed OB/OD Area investigations (now three distinct SWMUs). However, because multiple investigations have been completed at the OB/OD Areas by multiple contractors, several different nomenclatures for similar areas exist.

These nomenclatures used in both text discussion, as well as data tables and, for discussion of the OB/OD Areas include:

- ARY Arroyo Sediment Sample;
- BGA Burning Ground Area Sample;
- BIP Blown-in-Place Sample;
- BTSW Surface Water Sample ("Current" Area);
- CBK "Current" Area "Background" Soil Sample;
- CDC "Current" Area Detonation Crater (area and sample);
- CMW "Current" Area Monitoring Well;
- CRP "Current" Area Residue Pile (used as both area ID and first part of sample ID for waste and soil samples collected within the area);
- CSED "Current" Area Sediment Sample;
- CSW "Current" Area Surface Water Sample;
- DBASE Sediment Sample ("Current" Area);
- DBASO Surface Soil Sample ("Current" Area);
- DC Detonation Crater ("Current" Area);
- FW FW-series Monitoring Well (non-area specific);
- KB "Closed" Area Soil Sample;
- KBK "Closed" Area "Background" Soil Sample;
- KGA "Closed" Area Geophysical Anomaly (used as both area ID and first part of sample ID for waste and soil samples collected within the area);
- KMW "Closed" Area Monitoring Well;
- KP "Closed" Area Debris Pile (area and sample);
- KSA "Closed" Area Surface Soil Sample;
- KSED "Closed" Area Sediment Sample;
- KSW "Closed" Area Surface Water Sample; and
- RFS Surface Soil Sample ("Current" Area).

#### *2.3.2.3 Data Screening*

Parcel 3 is not scheduled to be relinquished to the DOI with the remainder of the installation; therefore, there is no planned reuse of Parcel 3 at this time.

Although there is no planned reuse of Parcel 3, for the purpose of this Work Plan, existing data have been screened against cleanup levels as described in Permit Attachment 7 (NMED, 2005).

As a first attempt to evaluate existing environmental data relative to risk to human health, soil and sediment analytical data were compared to NMED Residential Soil Screening Levels (SSLs) (NMED, 2006). If a Residential SSL has not been established for a given detected constituent, the data were compared to proposed cleanup levels based on USEPA Region 6 Human Health Medium-Specific Screening Levels (MSSLs) (USEPA, 2006), as described in Permit Attachment 7, Section 7.2.

Ground water analytical data were compared to New Mexico Water Quality Control Commission (NMWQCC) standards, and to USEPA Maximum Contaminant Levels (MCLs). If neither of these existed for a given detected constituent, the data were compared to USEPA Region 6 MSSLs.

Data screening tables and screening results are presented for the HWMU, SWMUs, and AOCs in the sections that follow.

The possibility of ecological impacts resulting from past FWDA activities is being evaluated in a separate ecological risk assessment process being conducted in parallel to efforts to evaluate potential impacts to human health described in this Work Plan. The DQOs described in Section 13.1.3 of this Work Plan provide for decision level data to be used in the ecological risk assessment, but data screening presented in this Work Plan focuses on human health only.

### ***2.3.3 Munitions Response Actions***

As discussed in Section 2.2, as a result of the nature of OB/OD operations, the potential exists for Munitions and Explosives of Concern (MEC) to be present in the OB/OD areas. Additional details regarding munitions response actions are provided in the companion SRHI for Parcel 3.

#### *2.3.3.1 Munitions Response Terminology*

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

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

- Unexploded ordnance (UXO), as defined in 10 U.S. Code (USC) 2710(e)(9);

- Discarded military munitions (DMM), as defined in 10 USC 2710(e)(2); or
- Munitions constituents (MC), as defined in 10 USC 2710(e)(3), present in high enough concentrations to pose an explosive hazard.

The term unexploded ordnance or UXO applies to military munitions that:

- 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 applies to 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 applies to 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 applies to remnants of munitions (e.g., fragments, penetrators, projectiles, shell casings, links, and fins) remaining after munitions use, demilitarization, or disposal. MD is considered MEC until technically qualified personnel either: 1) 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 2) inspect, verify, and certify it as to the explosive hazards it may present to a qualified receiver.

#### *2.3.3.2 Munitions Response Actions Performed Within Parcel 3*

Past OB/OD operations (e.g., demilitarization of unserviceable, obsolete, and/or waste explosives, propellants, munitions, and munitions components) have resulted in areas of the installation which presented explosive safety concerns as the environmental restoration program began.

As described in the companion SRHI for the HWMU and Parcel 3 SWMUs and AOCs, munitions response (MR) activities (i.e., surveys and clearance) have been performed in and around the OB/OD Unit since 1992. 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 RCRA closure activities, and for various construction purposes (e.g., construction of boundary fencing). Additional MR activities have

included avoidance and removal and demolition support during environmental investigation and characterization efforts.

A table listing the documented types of MEC encountered during previous investigations is included as Table 2-1.

Because submunitions have been encountered, planned activities in and around the OB/OD Unit HWMU and Parcel 3 SWMUs and AOCs are subject to the requirements contained in Chapter 3, Section 3-9 of *Department of the Army Pamphlet 385-63, Range Safety* (HQDA, 2003). USACE has requested a waiver to allow planned investigations to be conducted; the approved waiver request containing procedures to be followed during all field investigations was completed, and these procedures are referenced in the methodologies section of this Work Plan.

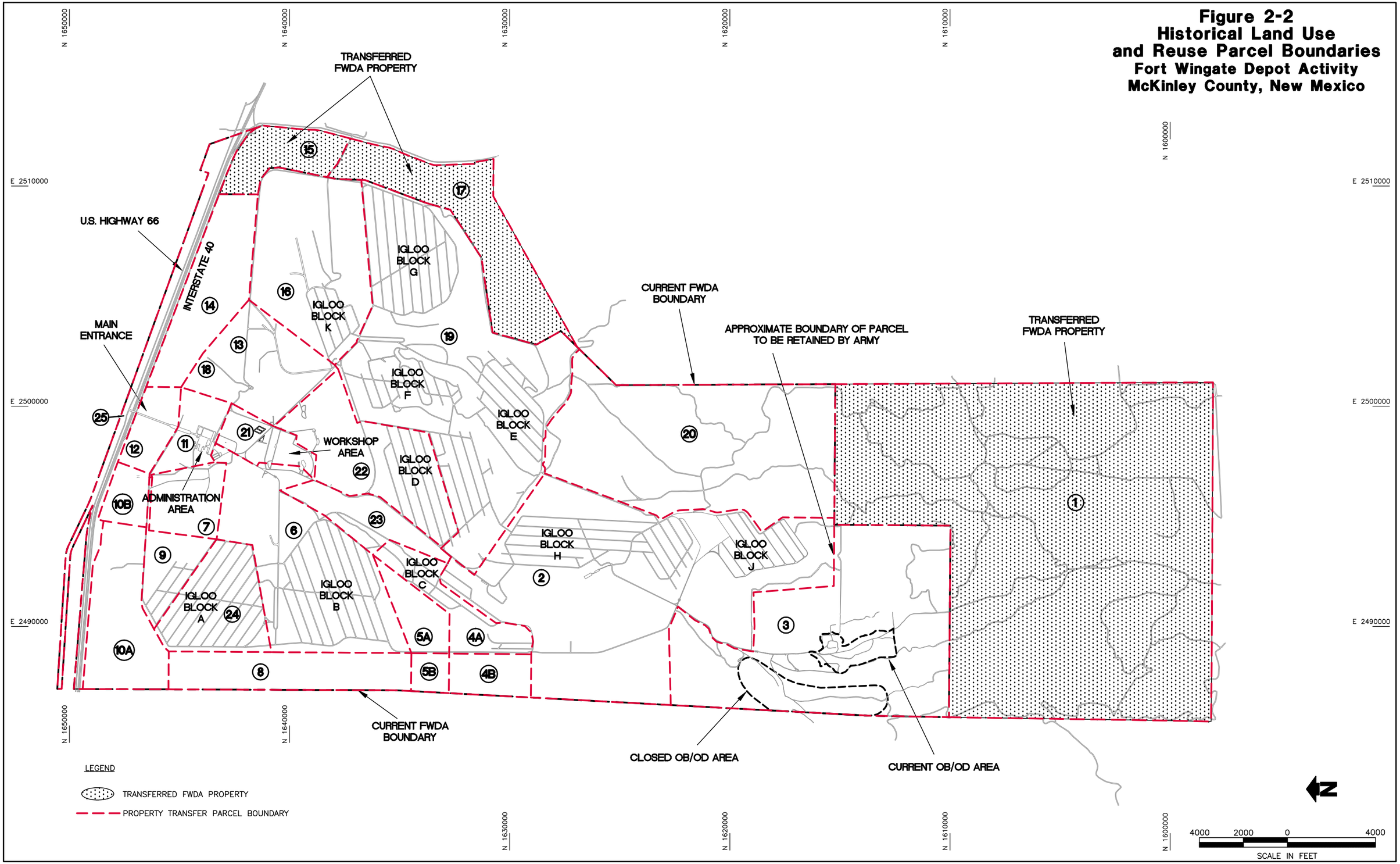
# Figure 2-1
# Installation Location
## Fort Wingate Depot Activity
## McKinley County, New Mexico

SOURCE: MICROSOFT STREETS & TRIPS, 2006.

N

NOT TO SCALE

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




TerranearPMC, LLC

33211.51/10.26.07–DST/04.09.08–DST/A201–1B

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

| PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 04.09.08 |
|---|---|---|


TerranearPMC

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# Figure 2-3
## Scale Drawing of the OB/OD Area and the OB/OD Unit

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511401-1C | 0 |
| | | APPVD: | SCALE: 1" = 400' | |

KEY MAP

LEGEND

- SWMU/AOC BOUNDARY
- APPROXIMATE BOUNDARY OF GEOPHYSICAL ANOMALY/SURFACE DEBRIS/RESIDUE PILE
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS PILE AREA
- EXPLOSIVE STAINED SOIL AREA
- BACKGROUND SOIL SAMPLE
- APPROXIMATE LOCATION OF FORMER OPEN DETONATION CRATER
- APPROXIMATE LOCATION OF EXISTING OPEN DETONATION CRATER
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRANDBARBED WIRE TOP
- 5-STRAND BARBED WIRE FENCE
- SENSITIVE HABITAT (WETLAND)
- SENSITIVE HABITAT (WILDLIFE)
- WILLOW THICKET
- COTTONWOOD GROVE
- 6800 TOPOGRAPHIC CONTOUR (FT. MSL)
- 100-YEAR FLOODPLAIN
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARIES
- FWDA PROPERTY BOUNDARY, FEBRUARY 2002
- SWMU 14 SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- ALLUVIAL MONITORING WELL
- MANCOS SHALE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION BORING
- ENTRADA SANDSTONE FORMATION MONITORING WELL
- PAINTED DESERT MEMBER MONITORING WELL
- SONSELA SANDSTONE MEMBER MONITORING WELL

FEDERAL GOVERNMENT BLM MANAGED

FEDERAL GOVERNMENT INDIAN TRUST LANDS

WESTERN SECURITY FENCE WITH WARNING SIGNS OWNED BY ARMY (EXTENDS NORTH TO NORTHERN BOUNDARY OF FWDA)

AOC 76
FEATURE 19 ON THE 1973 AERIAL PHOTO API-5

MAIN INSTALLATION SECURITY FENCE MAINTAINED BY BMDO

CMW25

GATE 209

IGLOO BLOCK H

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

BUILDING 601 BREAK ROOM

MAIN INSTALLATION SECURITY FENCE MAINTAINED BY BMDO

CMW23

AOC 89
FEATURES 30 AND 34
ON THE 1973 AERIAL PHOTO API-5

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

PINYON-JUNIPER

THE HOGBACK

SWMU 14
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)

CLOSED OB/OD AREA

OLD BURNING GROUND AND DEMOLITION LANDFILL AREA

CMW22

2

CMW24

CMW21

CMW16

KMW11

KGA5

KP3

KP2

FENCED-UP HORSE VALLEY

KMW10

KGA3

KGA4

KP4

SWMU 15
OLD DEMOLITION AREA (INCLUDES INACTIVE EOD AREA, KGA-1, KGA-2, OLD OB/OD AND BURIED PHOSPHORUS ROUNDS, AND THREE MOUNDS IN FENCED-UP HORSE VALLEY)

PINYON-JUNIPER

3

PINYON-JUNIPER

KMW14

KGA2

KMW13

KGA1

OPEN-SIDED STORAGE SHED

BUILDING 604 CONTROL SHELTER AND TRUCK BARRICADE

GATE (NO ID.)

CMW19

GATE 209A

KMW09

KMW12

ESTIMATED EXTENT OF BURIED, BURNED SMOKE CANISTERS FOUND IN 1993

CRP10

CMW18

CMW17

CMW14

CRP9

OLD DEMOLITION AREA

KP1

SWMU 33
WASTE PILE KP1

FENCED-UP HORSE VALLEY

PINYON-JUNIPER

CRP8

CRP7

CRP6

FW38

CMW10

BURNING GROUND AREA

CDC5

CDC12

CDC11

CRP5

CDC4

CRP4

CDC10

CDC3

CURRENT OB/OD AREA

AOC 92
FEATURE 31 ON THE 1973 AERIAL PHOTO API-5 AND FEATURE 21 ON THE 1978 AERIAL PHOTO API-7

CDC9

CDC8

CMW20

CRP3

CDC2

CDC7

CDC6

HWMU OB/OD UNIT

CMW07

CMW06

CRP2

CDC1

AOC 90
FEATURE 36 ON THE 1973 AERIAL PHOTO API-5

KBK0401 KBK0301 KBK0201 KBK0101 KBK0701 KBK0801 KBK0501 KBK0601 KBK1201 KBK1001 KBK0901 KBK1101 KBK1401 KBK1301 KBK1601 KBK1501 KBK1701 KBK1801 KBK1901 KBK2001

THE HOGBACK

CRP1

CMW04

GATE (NO ID.)

GATE 209B

CURRENT OB/OD AREA SECURITY FENCE OWNED BY ARMY

CMW02

CBK0401 CBK0301 CBK0201 CBK0101 CBK0801 CBK0701 CBK0601 CBK0501 CBK1101 CBK1201 CBK1001 CBK0901 CBK1601 CBK1901 CBK1401 CBK1301 CBK1701 CBK2001 CBK1801

AOC 91
FEATURE 41 ON THE 1973 AERIAL PHOTO API-5 AND FEATURE 27 ON THE 1978 AERIAL PHOTO API-7

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

AOC 36
IGLOO BLOCK J
(INCLUDES MISSILE LAUNCH PAD USED BY MDA)

IGLOO BLOCK J

MAIN INSTALLATION SECURITY FENCE MAINTAINED BY BMDO

20

EASTERN SECURITY FENCE OWNED BY BMDO (EXTENDS EAST TO FWDA BOUNDARY FENCE)

SWMU 74
AREA 16 OR SITE 16
(PROPOSED BURNING GROUND)

EASTERN SECURITY FENCE WITH WARNING SIGNS OWNED BY ARMY

GATE (NO ID.)

SOUTHERN SECURITY FENCE OWNED BY ARMY

GATE (NO ID.)

WESTERN SECURITY FENCE WITH WARNING SIGNS OWNED BY ARMY

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

BK06

SOUTHERN BOUNDARY FENCE WITH WARNING SIGNS OWNED BY ARMY

1

FEDERAL GOVERNMENT BIA MANAGED

N 1620000 N 1615000 N 1610000 E 2485000 E 2490000 E 2495000

BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS TAKEN SEPTEMBER 28, 1995

400 200 0 400 800
SCALE IN FEET

NOTE:
THERE ARE NO INJECTION OR WITHDRAWAL WELLS WITHIN 1,000 FEET OF THE PARCEL TO BE RETAINED BY THE ARMY.

***Table 2-1***
***List of MEC Encountered During Previous Investigations***
***Parcel 3***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| | | | |
|---|---|---|---|
| 100LB General Purpose Bomb - Partial | 50 cal. API | Det Lead, M20 Fuze | M49 Trip Flare |
| 102mm Mortar | 50 Cal. With Tracer | Explosive C4 | M500 Series Fuze |
| 105mm Brass \ Burn Rubble | 57mm AP/HE | Frag | M503 Fuze |
| 105mm Projectile | 57mm Projectile | Fuze | M503A1 Fuze |
| 107mm Projectile | 60mm Mortar | Fuze and Frag | M506 Fuze |
| 120mm Projectile | 60mm with HE | Fuze Booster Cup | M52 Fuze |
| 155mm Frag and Fuze | 75-76mm Projectile | Fuze component | M52A1 Fuze |
| 155mm Projectile | 75mm HE projo (no fuze) | Fuze Components | M53 Fuze |
| 2.75" Rocket Warhead | 75mm Projectile | Fuze Detonator | M57 Fuze |
| 20LB. Frag Bomb | 75mm Projectile Frag | Fuze Detonator XM 756 | M66 BD Fuze |
| 20mm Projectile APT | 75mm projo (WP) | Fuze Extender | M66 Fuze |
| 20mm Projectile, HE | 81mm Mortar | Fuze M111 | M66A1 Full up |
| 20mm Tracer Projectile | 81mm Tail Boom | Fuze M56 Rotary Det. | M66A1 tracer |
| 25 lb frag bomb (no fuze) | 90 MM | Fuze VT Det Lead | M67 Fuze |
| 3" Projectile | 90mm HE projo (no fuze) | Fuzes - Artillery and Bomb | M68 Fuze |
| 3" Rocket | 90mm Projectile | M1 Burster | M72 Fuze |
| 3.5 Rocket Motor | 90mm Shell Casing | M103 Fuze | M83 Butterfly Bomblets |
| 3.5" Rocket Base Fuze | Adapter 3.2 Sec. Delay | M104 Fuze | Mech time fuze (no clock) |
| 3.5" rocket fuze | Base fuze/booster? (unknown) | M110A1 Fuze | MK 149 Fuze |
| 3.5" Rocket Parts | BLU-3 Bomblet | M120 Fuze | Modified 60mm - M2 mine |
| 37 to 40mm Projectile | BLU-4 Bomblet | M148 PD Fuze | PG-9 Rocket |
| 37mm Projectile APT | BLU-4 Detonator | M149 Fuze | Primer Cartridge |
| 37mm Shot Canisters | Bomb Frag (20 lbs.), AN/M41 | M2 Bounding Mine | Primers Unknown |
| 37mm Tracer Projectile | Bomblet Fuze M130 | M2 Bounding Mine Parts | Projectile Fuze Comp. |
| 40mm | Bomblet, M83 w/Fuze | M20 Booster | Projo 20mm HET |
| 40mm HE projo | Booster Tube | M28 Fuze | Smoke Canister |
| 40mm HE projo (no fuze) | Bulk High Explosive | M38 Fuze | Smoke Canister/Candle |
| 40mm HE projo tracer | Burn Pans/Scrap | M40 mm | Tracer |
| 40mm Projectile Fuze | Burster Tube | M404 Fuze | Unknown Items |
| 40mm Red Phosphorus | Canister | M48 Fuze | |
| 5" Zuni Rocket Warheads | Delay Element | M48 Fuze, SQ | |

# 3.0 SITE CONDITIONS

## 3.1 CLIMATE

Northwestern New Mexico is characterized by a semiarid continental climate. Most precipitation occurs from May through October as localized and brief summer storms. Spring and fall droughts characterize the area.

Mean annual rainfall for the area ranges between 10 and 16 inches, while the recorded average annual precipitation for FWDA is 11 inches. Depending on local elevations, mean annual rainfall fluctuates between 8 and 20 inches. Most of the precipitation occurs as rain or hail in summer thunderstorms, and the remainder results from light winter snow accumulations.

The average seasonal temperatures for the area vary with elevation and topographic features. During winter, daily temperatures fluctuate as much as 50 to 70 degrees Fahrenheit (°F) in a 24-hour period. In summer, daily high temperatures are between 85° F and 95°F. Average temperatures in winter are about 27°F and in summer 70°F, while extreme temperatures are as low as -30°F in winter and as high as 100°F in summer. There are 100 to 150 frost-free days during the year from the middle of May to the middle of October.

The area has generally sunny weather, with the sun shining more than 3,000 hours annually. Average relative humidity varies from 50 to 15 percent, during the wet season (fall) and the dry season (spring), respectively. During spring, the area experiences strong winds from the west and southwest, with an average wind speed of 12 miles per hour. Strong winds, high temperatures, and low relative humidities in the area contribute to high evaporation rates.

## 3.2 TOPOGRAPHY

Topography and watersheds facility-wide are shown in Figure 3-1. More detailed topography and watersheds in and around Parcel 3 are shown in Figure 3-2.

Topographically, FWDA may be divided into three areas: (1) the rugged north-to-south trending Hogback along the western and the southwestern boundaries; (2) the northern hill slopes of the Zuni Mountain Range in the southern portion; and (3) the alluvial plains marked by bedrock remnants in the northern portion of the installation. The Hogback area is formed by interbedded Mesozoic sedimentary rocks dipping sharply to the west and is dissected by northeastern-trending intermittent streams. During rainfall and snowmelt events, streams transport sediment to low-lying areas in the northern part of the installation, creating an extensive alluvial deposit among remnants of bedrock. The streams eventually discharge to the South Fork of the Rio Puerco near the northern boundary of FWDA.

The elevation of FWDA ranges from approximately 8,200 feet above mean sea level (MSL) in the south to 6,660 feet above MSL in the north. Main drainages, following the topography, flow from south to north and discharge to the South

Fork of the Rio Puerco. However, many tributaries follow the regional trend, flowing from southwest to northeast. Because of the nature of precipitation in this semi-arid region, the surface drainage is relatively shallow near headwaters. Downward erosion intensifies as the stream moves downstream, resulting in a system of well-developed steep-walled arroyos. Arroyos form because of the erodibility of localized areas of silt- and clay-rich bedrock.

As shown in Figure 3-2, surface runoff is conveyed through the areas where the OB/OD Unit HWMU and Parcel 3 SWMUs and AOCs are located via two arroyos which merge to the north, near the Parcel 3 boundary. A storm water sampler is located as shown in Figure 3-2. All drainages at FWDA are intermittent with flow occurring only during and after heavy rainfall events or during snowmelt. Drainages are fed by washes in the Zuni Mountain Range and the Hogback. The drainages from the Parcel 3 area generally flow toward the north until the South Fork of the Rio Puerco is encountered.

## *3.3 VEGETATION/HABITAT*

Vegetation covertypes identified during ecological habitat and wetlands characterization efforts (described in the companion SRHI for the OB/OD Unit and Parcel 3 SWMUs and AOCs) are shown in Figure 3-3. Identified covertypes include grasslands/sagebrush and pinyon pine/juniper woodlands. Identified wetlands and ecological habitat areas are also shown in Figures 2-3 and 3-3.

## *3.4 SOILS*

The soils found on the installation are similar to those occurring in cool plateau and mountain regions of New Mexico. The major soil types at FWDA are variants/complexes of sands, loams, clays, and rocks. These soils are relatively thin, and the parent bedrock is either at or near the surface in more than a quarter of the installation.

Natural Resources Conservation Service (NRCS) soils mapping for Parcel 3 is shown in Figure 3-4. NRCS soils descriptions are included in Appendix A. Parcel 3 site specific soils classification data collected during previous environmental investigations, including grain size/classification, cation exchange capacity (CEC), and total organic carbon (TOC) data, are also included in Appendix A.

The thickness of these soil types varies widely over the installation, with alluvial accumulations deepest along canyon floors and in the Rio Puerco Valley. Bedrock exposures are common throughout the area. Generally, the soils are loamy or loam/clay mixtures, and contain varying amounts of silt, sand, gravel, and rock fragments. All of these soils are fragile. Wind and water cause extensive soil erosion, especially where vegetative cover is absent.

## 3.5 GEOLOGY/HYDROGEOLOGY

A geologic map and stratigraphic column for FWDA are presented in Figures 3-5 and 3-6, respectively. Parcel 3 geologic mapping and cross-sections are presented as Figures 3-7 through 3-9.

### 3.5.1 FWDA Geology/Hydrogeology

FWDA is located in an erosional basin within the Navajo section of the Colorado Plateau Physiographic Province. During the uplift of the Zuni Mountain Range in the southern and southeastern portion of the installation, the area occupied by the erosional basin was under tensional stress that extensively fractured the bedrock. Differential weathering and erosion along the fractures resulted in the formation of the basin currently occupied by FWDA.

In the northern part of the installation, where the Administration, Workshop, and Magazine/Igloo areas are located, the surface is covered by either remnants of the Chinle Formation or alluvial deposits (Figures 3-5 and 3-6). The alluvial deposits consist of sediment deposited by outwash from the Zuni Mountains to the south and the Hogback in the western part of the installation. The Hogback is thought to represent a monocline fold, where westerly dipping Mesozoic bedrock is exposed to form a long, sharp-crested ridge trending north to south. The bedrock in areas east of the Hogback generally dips to the north. In the southeastern part of FWDA, bedrock of Permian and Triassic age was uplifted by a northwest thrust fault.

The majority of FWDA is underlain by the Chinle Formation (Triassic) and dissected by arroyos. The Chinle Formation consists primarily of calcareous mudstone, with minor amounts of fine-grained calcareous sandstone. The sandstone is relatively weather-resistant and forms the cap rock of the remnant bedrock exposures in the northern portion of FWDA. The softer mudstone is easily eroded to form badlands or arroyos on hillslopes and in eroded valleys.

Alluvial deposits are most prevalent in the northern part of FWDA in lowland areas between bedrock remnants. Alluvial deposits are also present along intermittent streams draining the Hogback and Zuni Mountains which flow through the northern part of the installation before joining the South Fork of the Rio Puerco. Because the alluvium was generally deposited by braided streams, the texture and internal structure are characterized by lateral and vertical variability. The grain size of the alluvium ranges from clay to gravel, typical of braided stream deposits.

Information obtained from records of previously-installed wells indicates that the alluvial deposits are thickest near major drainages. The alluvium has been shown to be 150 feet thick northwest of the installation near the South Fork of the Rio Puerco. Near Fort Wingate High School (located east of the installation), the alluvial deposits are 75 feet thick. In the Administration Area, a water supply well record indicates a 30-foot-thick alluvial deposit, while another well record 30 feet away indicates a 70-foot-thick alluvial deposit. The alluvium present in these two wells is composed of fine- to medium-grained sand and sandy silt. Alluvial

deposits not located immediately adjacent to the major drainages may be less than 15 feet thick. Bedrock, consisting of mudstones of the Chinle Formation, has been exposed at the bottoms of the arroyos. A well (FW31) near Igloo Block G penetrated 10 feet of alluvium composed of fragments of sandstone and siltstone in a clay matrix. The number of rock fragments increased as the bedrock contact was approached.

Ground water is present in several of the rock units underlying FWDA. Examination of these rocks and records of wells in the area indicate that the only formations at FWDA capable of yielding more than a few gallons per minute (gpm) are the Quatowam Alluvium (Quaternary) and the San Andres Limestone and Glorieta Sandstone (Permian). However, minor amounts of ground water are present within the Chinle Formation (Triassic) and underlying rock units. Water-bearing formations of Jurassic and Cretaceous ages, capable of yielding 100 gpm or more, are present 4 to 6 miles to the west of FWDA, but not within installation boundaries.

The alluvial aquifer, which includes deposits in the Rio Puerco Valley along the northern edge of the installation, is composed of gravel, sand, silt, and clay derived from rocks of Triassic and Jurassic age that border the valley. These deposits are primarily recharged from surface runoff, although some deposits in the southern part of the installation are recharged by springs from underlying bedrock aquifers. Recharge of ground water within the alluvium occurs mainly during the wet seasons of the year, specifically with the snowmelt in the spring.

Ground water is expected to flow from areas of higher elevation toward lower elevations, parallel to the direction of flow in the arroyos. At FWDA, the general flow direction is from the Zuni Mountain Range, at the southern boundary of FWDA, to areas of lower elevation such as the Rio Puerco Valley, north of FWDA. The saturated thickness of the alluvium varies greatly and tends to increase as it nears drainage channels. The direction of ground water flow in the alluvium is generally toward the north and northwest

Several older bedrock units are associated with the Hogback. These units are recharged partially within the installation boundaries by precipitation. These rocks dip steeply to the west and yield very little water within installation boundaries; however, they do serve as water sources for much of the area west of the boundary.

The San Andres-Glorieta aquifer, which constitutes the primary ground water source for FWDA, outcrops south of the installation and dips to the north. The recharge zone is located southeast of FWDA. Snowmelt and precipitation furnish much of the recharge water to the aquifer. According to records from the U.S. Weather Bureau, slightly more than 3 inches of water is received annually in the area as snow. It is assumed that 1 inch per year of precipitation infiltrates the San Andres-Glorieta aquifer at FWDA, and that approximately 2,300 acre-feet per year is recharged annually. Ground water flow in the San Andres-Glorieta aquifer is in a northwesterly direction.

The top of the San Andres-Glorieta aquifer lies about 1,100 feet below land surface near the Administration Area. At this location, the aquifer is about 200 feet thick and under artesian pressure. Local variations in aquifer permeability are reportedly large and unpredictable. The hydraulic conductivity ranges from 0.05 to 150 ft/day with yields that are highly variable from one location to another. The horizontal hydraulic gradient of the aquifer at FWDA has reportedly declined with time. Ground water from the San Andres-Glorieta aquifer flows upward along fractures because of the upward hydraulic gradient. The region around Gallup, including FWDA, was declared an underground water basin in 1980 by the State of New Mexico. This action prohibits any major new ground water withdrawals without the approval of the State Engineer. The basin covers 1,439 square miles and includes the communities of Gallup, Fort Wingate, Camerco, Mariano Lake, Navajo Wingate Village, and Rehoboth.

### *3.5.2 Parcel 3 Geology/Hydrogeology*

As shown in Figures 3-7 though 3-9, Parcel 3 is underlain by an extremely complex hydrogeologic regime that includes several water-bearing rock formations in both the Closed and Current OB/OD Areas, and minor amounts of saturated unconsolidated sediments in the Current OB/OD Area. In general, the Nutria Monocline Fault Zone ("fault zone"), rock fracture system, and the dips of the sedimentary rocks present in Parcel 3 structurally control the flow of ground water. The fault zone bisects the Current OB/OD Area and the eastern portion of the Closed OB/OD Area as shown in Figure 3-7. As described previously, this fault zone consists of a complex series of steeply dipping, roughly north-south trending faults as shown in the generic cross sections presented as Figures 3-8 and 3-9.

The Parcel 3 ground water system has been separated into three distinct subsystems below for discussion purposes only. These subsystems include: (1) the saturated Quaternary Alluvium in the Current OB/OD Area, (2) the shallow north-northwest dipping water-bearing formations east of the fault zone, and (3) the steep, westerly dipping water-bearing formations west of the fault zone. It should be noted that all three of these ground water systems may be interconnected in the region of the fault zone. The intense structural deformation associated with formation of the Hogback makes correlation of water-bearing intervals in the Painted Desert Member across the fault zone difficult and arguably infeasible. This lack of correlation precludes identification of the ground water flow paths within the fault zone at the present time.

#### *3.5.2.1 Saturated Quaternary Alluvium in the Current OB/OD Area*

Within the Current OB/OD Area, a thin veneer of Quaternary Alluvium is present overlying a thick sequence of interbedded claystone, siltstone, and discontinuous sandstone units belonging to the Painted Desert Member of the Petrified Forest Formation. Discontinuous water table conditions are present only within the Quaternary Alluvium.

#### *3.5.2.2 Water-Bearing Formations East of the Nutria Monocline Fault Zone*

Ground water flow within the weathered and competent siltstone, claystone, and lenticular sandstone beds of the Painted Desert Member, located east of the fault zone, is dominated by secondary permeability characteristics. It is considered likely that the Sonsela Sandstone Member subcrops beneath the unconsolidated materials and fractured Painted Desert Member located just east of the fault zone in and near the arroyo in the Current OB/OD Area. The Sonsela Sandstone Member, north of the Current OB/OD Area and east of the fault zone, is generally located at depths greater than 75 feet bgs. Extensive mudstone units of the underlying Blue Mesa Member of the Petrified Forest Formation, being of inherently lower apparent permeability, will inhibit vertical movement of ground water to underlying potable aquifer units, such as the San Andreas/Glorieta aquifer (Figure 3-8).

#### *3.5.2.3 Water-Bearing Formations West of the Nutria Monocline Fault Zone*

Ground water flow within the predominantly fine-grained water-bearing formations located west of the fault zone in both the Closed and Current OB/OD Areas is dominated by secondary permeability characteristics. These fine-grained formations include the Painted Desert Member of the Petrified Forest Formation located east of the Hogback, and the Mancos Shale which is located west of the Hogback. Ground water flow within the coarse-grained water-bearing formations that outcrop west of the fault zone in the Closed OB/OD Area include both primary and secondary permeability characteristics. The coarse-grained water-bearing formations that outcrop in the Closed OB/OD Area include the Entrada Sandstone, Zuni Sandstone, and the Dakota Sandstone (Figure 3-8).

# Figure 3-1
# Watershed Map
## Fort Wingate Depot Activity
## McKinley County, New Mexico

N 1650000 | N 1640000 | N 1630000 | N 1620000 | N 1610000 | N 1600000

E 2510000 | E 2500000 | E 2490000

TRANSFERRED FWDA PROPERTY

U.S. HIGHWAY 66

INTERSTATE 40

MAIN ENTRANCE

CURRENT FWDA BOUNDARY

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

TRANSFERRED FWDA PROPERTY

IGLOO BLOCK G

IGLOO BLOCK K

IGLOO BLOCK F

IGLOO BLOCK E

IGLOO BLOCK D

IGLOO BLOCK H

IGLOO BLOCK J

IGLOO BLOCK C

IGLOO BLOCK B

IGLOO BLOCK A

WORKSHOP AREA

ADMINISTRATION AREA

1 2 3 4A 4B 5A 5B 6 7 8 9 10A 10B 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

LEGEND

- TRANSFERRED FWDA PROPERTY
- PROPERTY TRANSFER PARCEL BOUNDARY
- ARROYO
- MAIN WATERSHED BOUNDARY
- SUB-WATERSHED BOUNDARY

CURRENT FWDA BOUNDARY

CLOSED OB/OD AREA

CURRENT OB/OD AREA

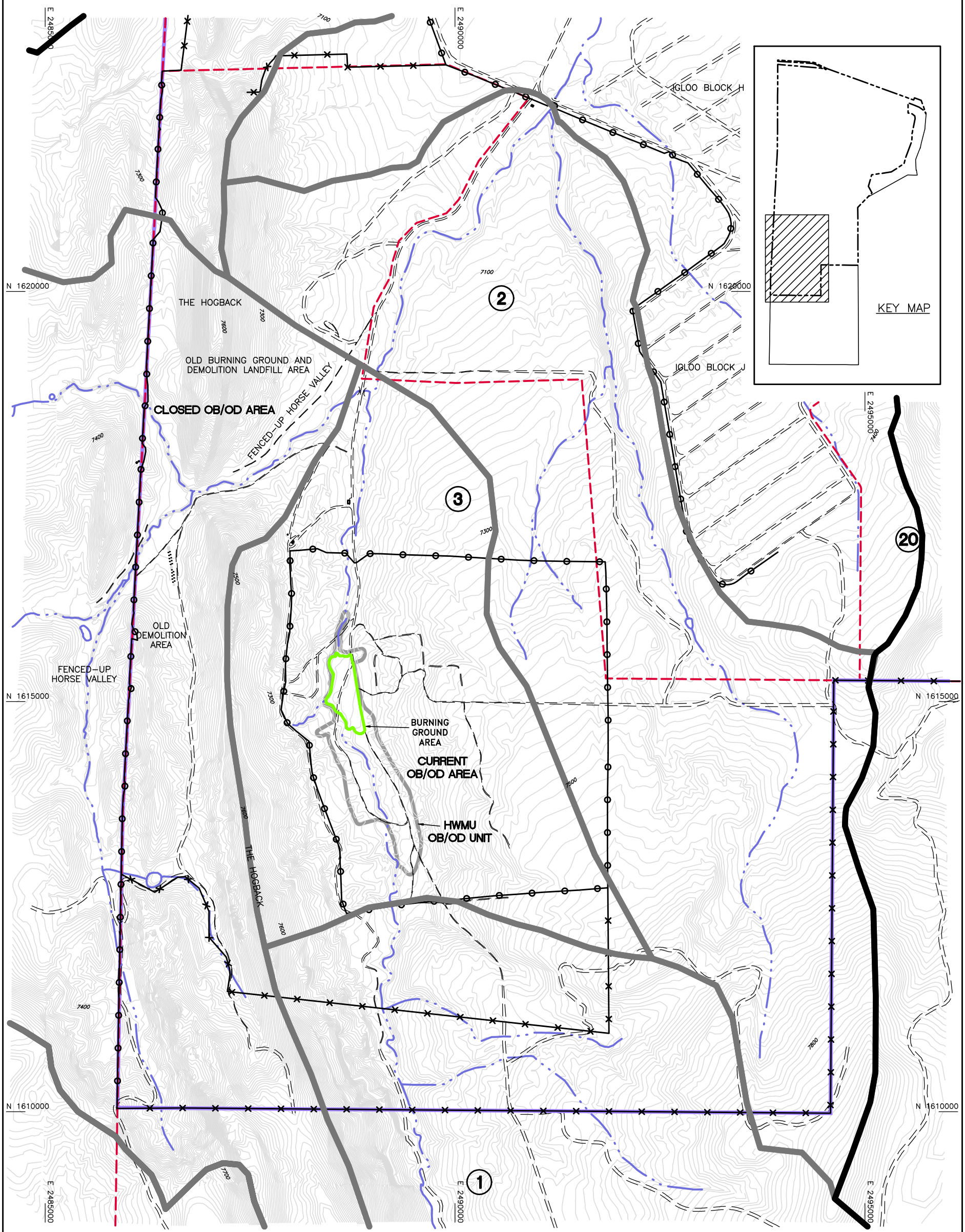
N

4000 2000 0 4000

SCALE IN FEET

TerraneanPMC, LLC

# Figure 3-2
# Parcel 3 Watershed Map
## Fort Wingate Depot Activity
## McKinley County, New Mexico




LEGEND

- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- 5-STRAND BARBED WIRE FENCE
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARY
- FWDA PROPERTY BOUNDARY, FEBRUARY 2002
- 7700 TOPOGRAPHIC CONTOUR (FT. MSL)
- MAIN WATERSHED BOUNDARY
- SUB-WATERSHED BOUNDARY

N

1200 600 0 1200

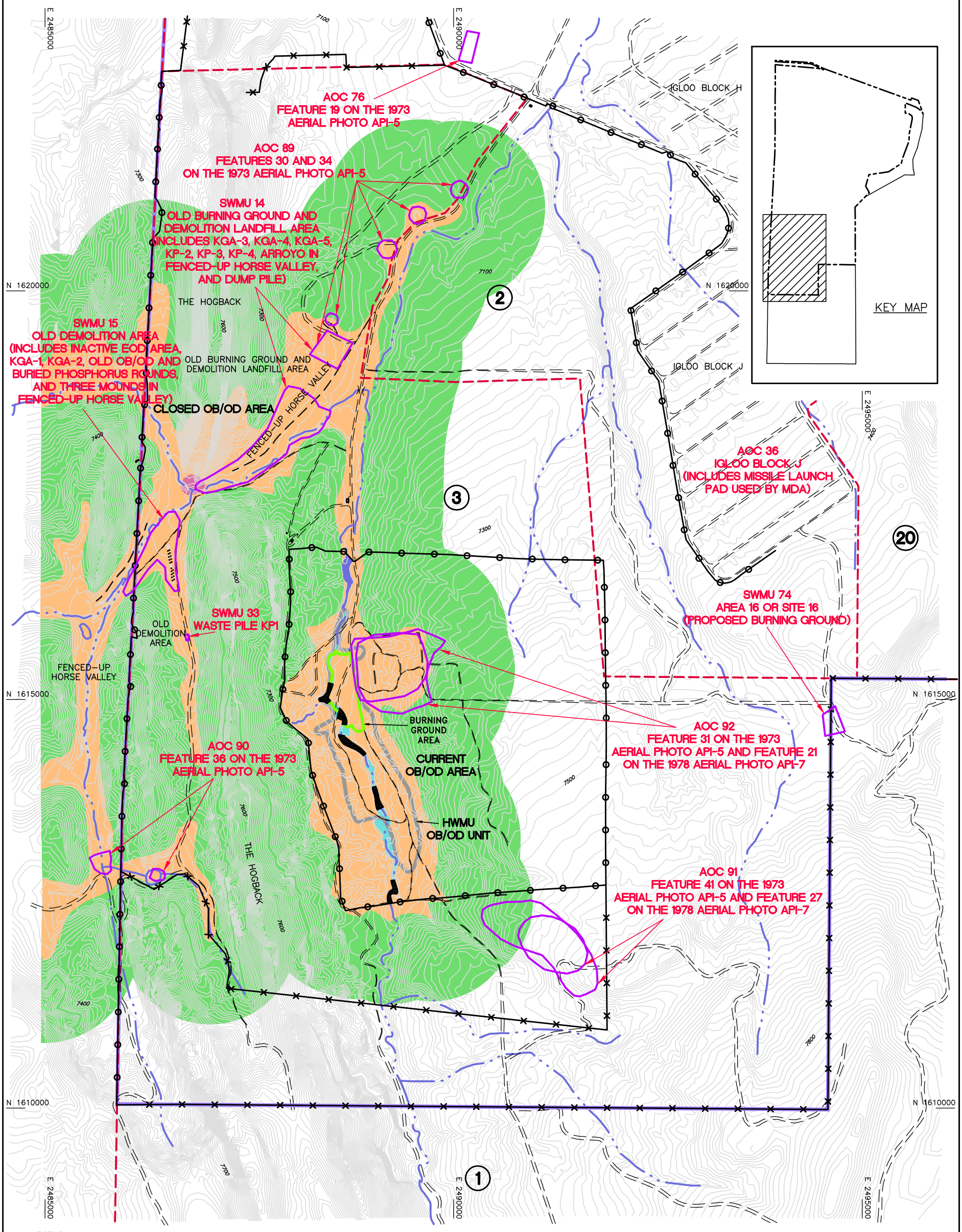
SCALE IN FEET

BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS TAKEN SEPTEMBER 28, 1995

33211.51/01.22.08-DST/04.09.08-DST/1210-2C

TerranearPMC, LLC

# Figure 3-3
# Parcel 3 Habitat Covertype
## Fort Wingate Depot Activity
## McKinley County, New Mexico




LEGEND

- SWMU/AOC BOUNDARY BOUNDARY
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- 5-STRAND BARBED WIRE FENCE
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARY
- FWDA PROPERTY BOUNDARY, FEBRUARY 2002
- 7700 TOPOGRAPHIC CONTOUR (FT. MSL)

- COTTONWOOD GROVE
- FIELD SAGEBRUSH
- PINYON JUNIPER
- WETLAND
- SENSITIVE WILDLIFE HABITAT
- WILLOW THICKET

N

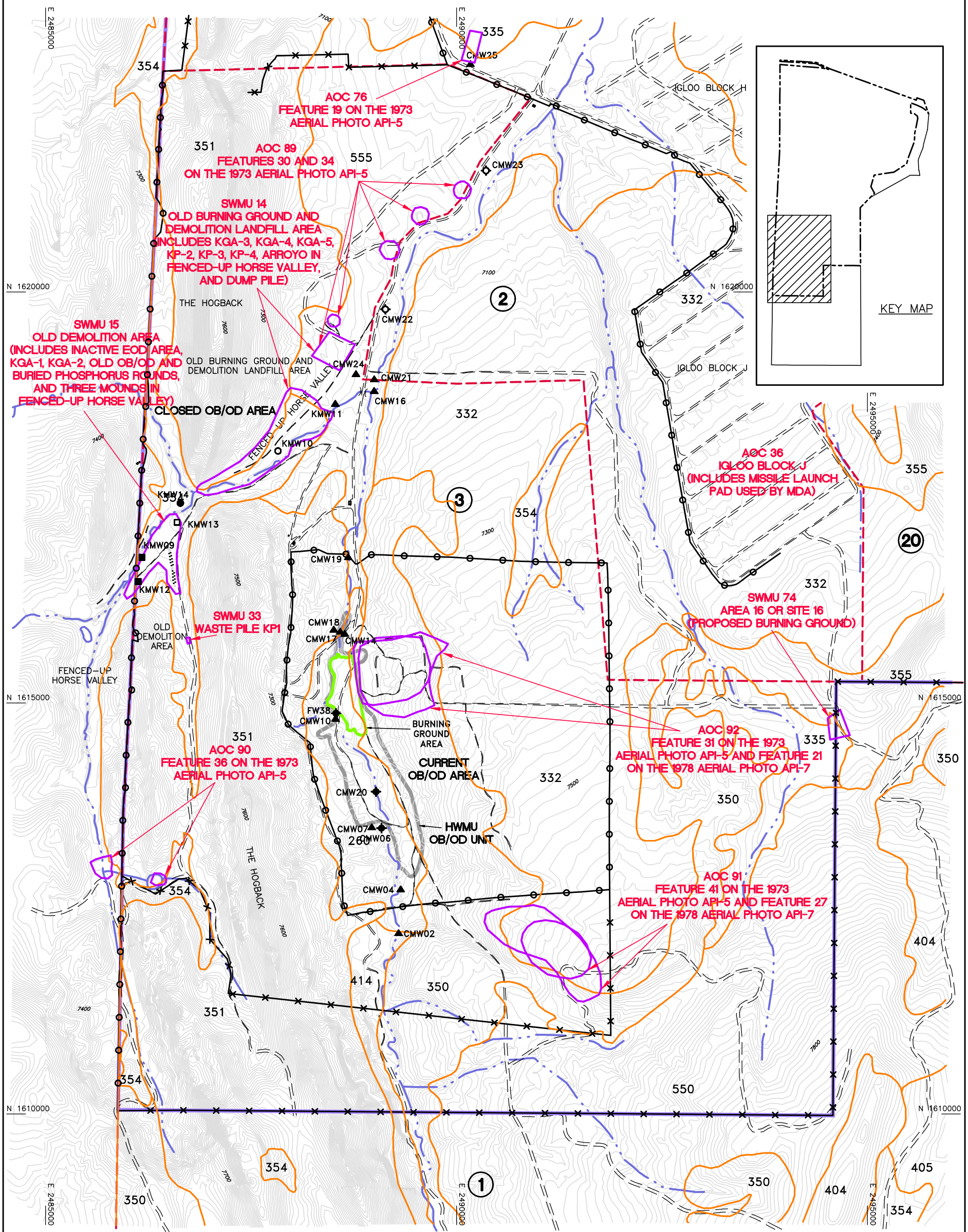
1200 600 0 1200

SCALE IN FEET

BY PHOTOGRAMMETRIC METHODS FROM
AERIAL PHOTOGRAPHS TAKEN SEPTEMBER 28, 1995

33211.51/01.22.08-DST/04.09.08-DST/1210-1C

# Figure 3-4
# Parcel 3 Soil Units
## Fort Wingate Depot Activity
## McKinley County, New Mexico




LEGEND

- SOIL UNIT BOUNDARY
- SWMU/AOC BOUNDARY
- AOC 92 — SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- 5-STRAND BARBED WIRE FENCE
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARY
- FWDA PROPERTY BOUNDARY, FEBRUARY 2002
- 7700 — TOPOGRAPHIC CONTOUR (FT. MSL)

SOIL UNITS

| | |
|---|---|
| 260 | QUARRIES AND PITS |
| 332 | EVPARK–ARABRAB COMPLEX |
| 335 | VENADITO CLAY |
| 350 | TOLDOHN–VESSILLA–ROCK OUTCROP COMPLEX |
| 351 | ROCK OUTCROP–VESSILLA COMPLEX |
| 354 | KNIFEHILL LOAM |
| 355 | ROCK OUTCROP–RIZNO–TEKAPO COMPLEX |
| 414 | ZUNALEI–CORZUNI LOAMY FINE SANDS |
| 550 | BRYWAY–GALZUNI LOAMS |
| 555 | PARKELEI–EVPARK FINE SANDY LOAM |

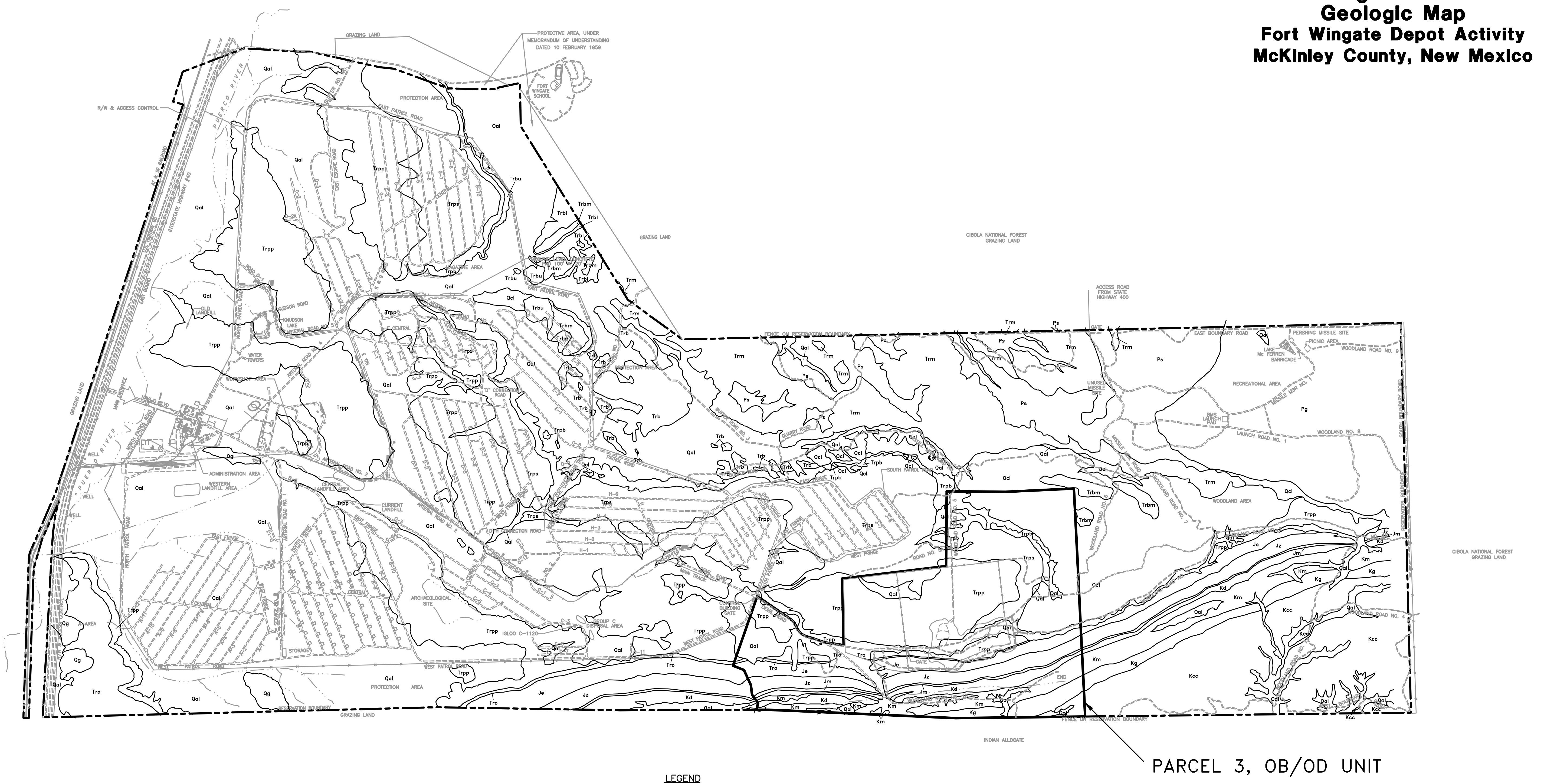
1200 600 0 1200

SCALE IN FEET

N

BY PHOTOGRAMMETRIC METHODS FROM
AERIAL PHOTOGRAPHS TAKEN SEPTEMBER 28, 1995

# Figure 3-5
## Geologic Map
### Fort Wingate Depot Activity
### McKinley County, New Mexico



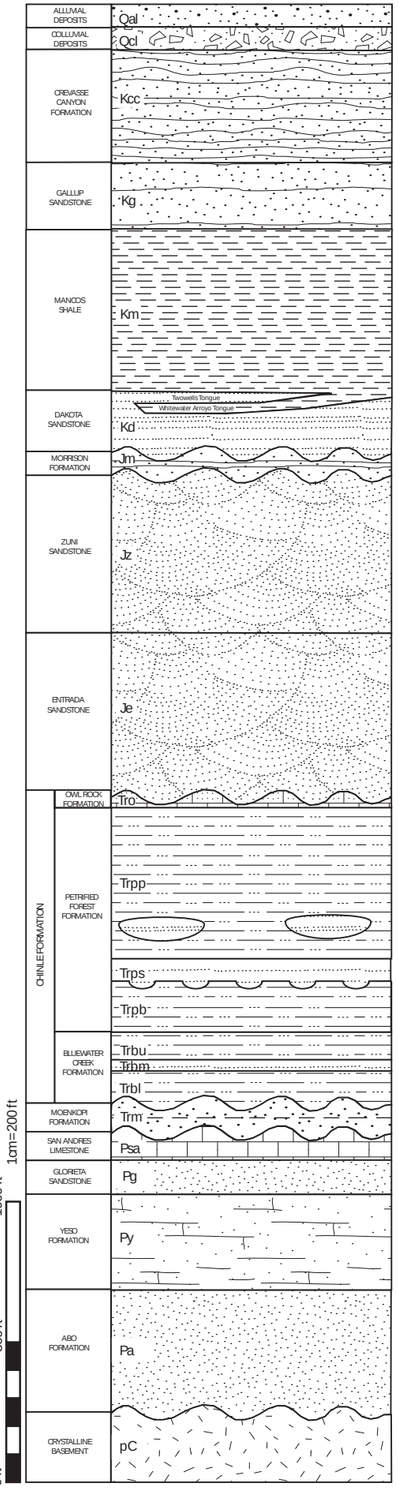

## LEGEND

| | |
|---|---|
| — - - — | INSTALLATION BOUNDARY |
| ——— | APPROXIMATE BOUNDARY OF OB/OD AREA TO BE RETAINED BY ARMY |
| Qal | QUATERNARY ALLUVIAL DEPOSITS |
| Qcl | QUATERNARY COLLUVIAL DEPOSITS |
| Qg | QUATERNARY GRAVEL |
| Kcc | CREVASSE CANYON FORMATION |
| Kg | GALLUP SANDSTONE |
| Km | MANCOS SHALE |
| Kd | DAKOTA SANDSTONE |
| Jm | MORRISON FORMATION |
| Jz | ZUNI SANDSTONE |
| Je | ENTRADA SANDSTONE |
| Tro | OWL ROCK FORMATION |
| Trpp | PETRIFIED FOREST FORMATION, PAINTED DESERT MEMBER |
| Trps | PETRIFIED FOREST FORMATION, SONSELA SANDSTONE MEMBER |
| Trpb | PETRIFIED FOREST FORMATION, BLUE MESA MEMBER |
| Trb | BLUEWATER CREEK FORMATION |
| Trbu | BLUEWATER CREEK FORMATION, UPPER MEMBER |
| Trbm | BLUEWATER CREEK FORMATION MCGAFFEY MEMBER |
| Trbl | BLUEWATER CREEK FORMATION LOWER MEMBER |
| Trm | SHINARUMP FORMATION AND MOENKOPI FORMATION DIVIDED |
| Psa | SAN ANDREAS LIMESTONE FORMATION |
| Pg | GLORIETA SANDSTONE FORMATION |

NOTES

1. BASE MAP SCANNED FROM FORT WINGATE DEPOT ACTIVITY GENERAL SITE MAP, JULY 1986, U.S. ARMY CORPS OF ENGINEERS.
2. 2 SOURCES OF MAPS OVERLAIN, ACTUAL DISTANCES APPROXIMATE FOR PRESENTATION PURPOSES.

# Figure 3-6
# Stratigraphic Column
## Fort Wingate Depot Activity
## McKinley County, New Mexico




### Description of Units

Qal - Alluvial deposits (Quaternary); sand, gravel, and clay in young valleys and drainages

Qcl - Colluvial deposits (Quaternary); land-slides, and cobble deposits in young valleys and on steep slopes

Kcc - Crevasse Canyon Formation (Upper Cretaceus, 88 Ma); mudstone, shale, very fine- to medium-grained sandstone, carbonaceous shale, and thin lenticular coal beds; outcrops in southwest corner only; <400 feet thick

Kg - Gallup Sandstone (Upper Cretaceus, 90 Ma); tan to pale-orange, medium-grained, well-sorted calcareous-sandstone, silty-sandstone, and coaly-carbonaceous layers; three prominent ridge forming sandstone layers (<20') are separated by silty, and carbonaceous intervals (<80'); sandstone layers have only minor amounts of cement and minimal matrix material resulting in high apparent permeability; <220 feet thick

Km - Mancos Shale (Upper Middle Cretaceus, 97-90 Ma); light- to dark-gray and mudstone, silty-mudstone, and shale; minor amounts of lenticular sandy-siltstone, limestone, and calcerous-sandstone present in upper portions; sandy layers have abundant cement and ultrafine matrix resulting in very low apparent-permeability; the Whitewater Arroyo Tongue of the Mancos Shale is intertounged with and underlies the Twowells Tongue of the Dakota Sandstone, abundant fossil corrals and cephalopods in Whitewater Arroyo Tongue; <600 feet thick excluding the Whitewater Arroyo Tongue which varies in thickness from 0-80 feet thick

Kd - Dakota Sandstone (Upper Middle Cretaceus, 97-90 Ma); tan to pale-yellow, fine- to medium-grained, sub-angular to well-rounded, grain-supported sandstone; small amounts of matrix and grain-support result in a very high apparent-permeability; Twowells Tongue of Dakota Sandstone is intertongued with and overlies the Whitewater Arroyo Tongue of the Mancos Shale; basal contact of Dakota Sandstone unconformably overlies an irregular erosional surface developed in the Morrison Formation; <230-310 feet thick including the Whitewater Arroyo Tongue

Jm - Morrison Formation (Upper Jurassic, 160-145 Ma); grayish-white to pale-orange, subangular to well rounded, fine- to coarse-grained sandstone and conglomeratic-sandstone; trough cross stratification locally; clay-rich fine-grained intervals present near upper contact; highly variable apparent-permeability; variable thickness possibly due to bedding-plane slip along monoclinal fold axis; <65 feet thick in northern part of base, thinning to <20 feet to the south

Jz - Zuni Sandstone (Middle Jurassic, 170-165 Ma); white, pink, and reddish-orange, well-rounded, clast-supported, fine- to very-fine-grained sandstone and silty-sandstone; horizontal color banding common; crossbedding in relatively thin sets (compared to Entrada Sandstone); siltier intervals correlate to shallow slopes and cleaner interval correlate to steep slopes; very-high apparent-permeability; <620 feet thick

Je - Entrada Sandstone (Middle Jurassic, 170-165 Ma); red, and pinkish-gray, moderately rounded, matrix supported, fine- to medium-grained sandstone; large-scale crossbedding; less competent than Zuni Sandstone; calcareous cement; very-high apparent-permeability; <650 feet thick

Tro - Owl Rock Formation (Upper Triassic, 225-210 Ma); white, grayish-pink, and orange, crystalline-limestone, sandy-limestone, and calcerous-sandstone; variable thickness possibly due to bedding-plane slip along monoclinal fold axis; <30 feet thick

Trpp - Petrified Forest Formation, Painted Desert Member (Middle Triassic, 225-210 Ma); purplish-red, orangish-red and rust colored, mudstone, siltstone, sandstone, and sandstone-conglomerate; sandstone intervals (<20') have tabular and trough cross beds, abundant ultrafine matrix, and are generally dirty resulting in low apparent-permeability; abundant 1-2cm greenish gray calcrete nodules present forming a distinctive mottled or speckled surface; shallow (<6') channel deposits with intraformational conglomerates containing mudstone and carbonate clasts; lenticular bodies of sandstone with similar lithology to the Sonsela Sandstone are laterally discontinuous; <600 feet thick

Trps - Petrified Forest Formation, Sonsela Sandstone Member (Middle Triassic, 225-210 Ma); yellow, tan, and olive-colored, well rounded, clast-supported, medium- to coarse-grained sandstone and conglomeratic sandstone; conglomeratic intervals containing intraformational (mudstone, carbonate) and extraformational (chert, quartzite) clasts; thin crossbedding common; minimal matrix and grain-support result in very-high apparent-permeability; <100 feet thick, highly variable thickness typical of large-scale channel deposits

Trpb - Petrified Forest Formation, Blue Mesa Member (Middle Triassic, 230-225 Ma); purple, and purplish-red, mudstone, and muddy-sandstone; mudstones are smectitic; light-gray sandy-smectitic-siltstone interval (<8') serves as marker bed for the base of the Petrified Forest Formation; high quantity of ultrafine matrix results in a very-low apparent-permeability; petrified wood very common in upper portions; <280 feet thick

Trbu - Bluewater Creek Formation, Upper Member (Upper Triassic, 230-225 Ma); pinkish-gray to reddish-brown siltstone and mudstone; calcrete nodules present locally; high silt and ultrafine matrix result in low apparent-permeability; <100 feet thick

Trbm - Bluewater Creek Formation, McGaffey Member (Upper Triassic, 230-225 Ma); white, pale-red and gray, medium-grained, ripple-laminated sandstone; color banding common; basal interval has carbonate-clast-conglomerate; calcareous cement; high apparent-permeability; <80 feet thick, highly variable thickness typical of large-scale channel deposits, locally not recognized

Trbl - Bluewater Creek Formation, Lower Member (Middle to Upper Triassic, 240-225 Ma); yellowish-gray, and reddish-brown mudstone and siltstone; calcrete nodules are present locally; low apparent-permeability; <115 feet thick

Trm - Shinarump Formation and Moenkopi Formation Undivided (Middle Triassic, 240-225 Ma); Shinarump Formation is purple and reddish-gray, motled chert- and quartzite-pebble-conglomerate and congloeratic-sandstone with reddish-brown matrix; Moenkopi is red, tan, and black calcareous-mottled-sandstone and calcareous-mudstone; massive to thinly-laminated and ripple-laminated siltstone and very fine-grained sandstones; 30-200 feet thick combined

Psa - San Andres Limestone (Middle Permian, 275-250 Ma); gray and white, fossiliferous, crystalline-limestone and dolomitic-limestone; locally absent due to karsting; <165 feet thick

Pg - Glorieta Sandstone (280-275 Ma); grayish-orange to orange, well-sorted, moderate- to well-rounded, fine- to medium-grained quartzose-sandstone; horizontal and low-angle crossbedding locally; <130 feet thick

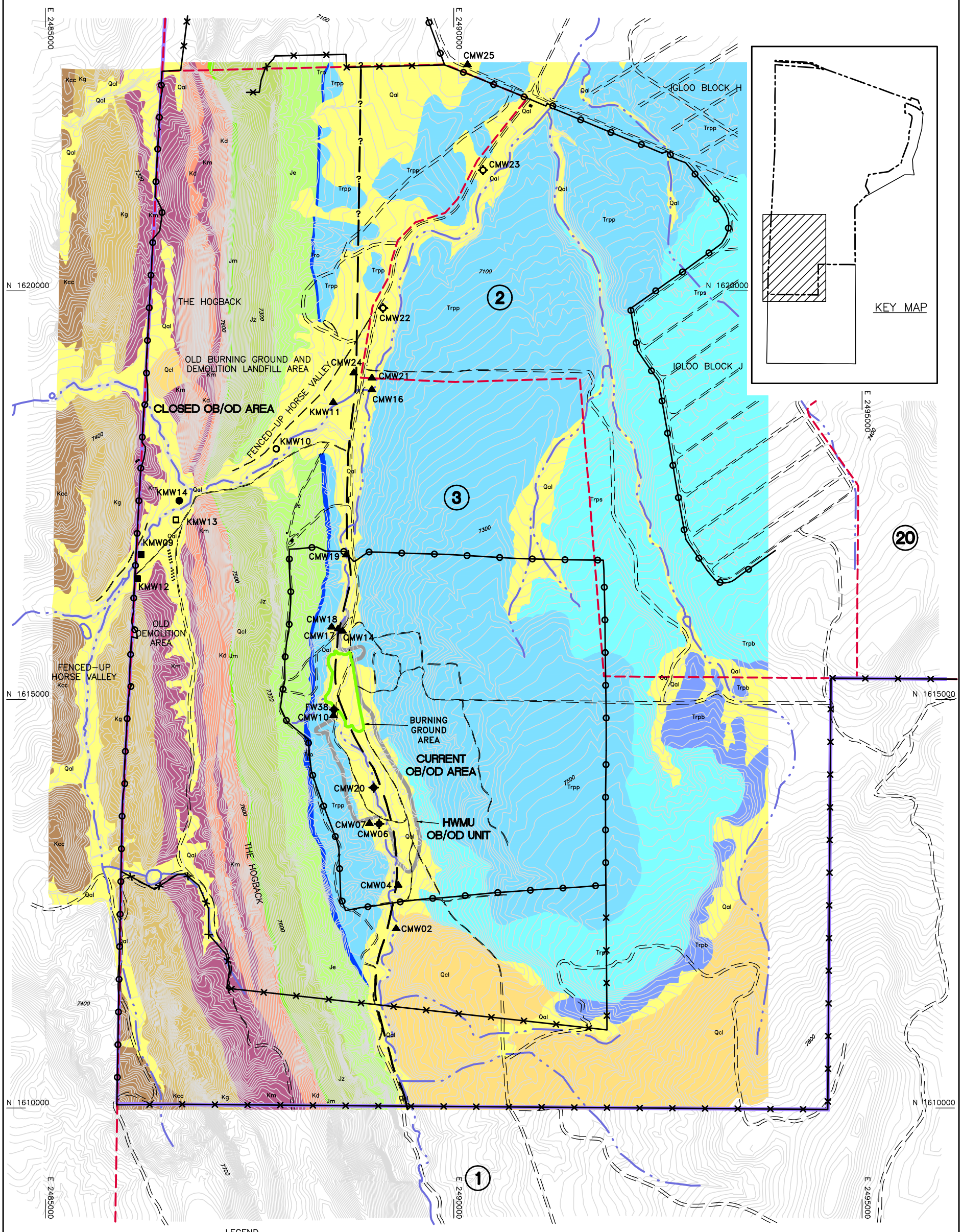
Py - Yeso Formation (280-275 Ma); dark-orange to reddish-orange, very fine-grained gypsiferous-sandstone and silty-sandstone; three light-gray, dolomitic, carbonate beds (7') present in formation; <375 feet thick

Pa - Abo Formation (280-275 Ma); grayish-red, very fine-grained silty-sandstone; non-calcerous; flat-bedded; basal 3-12' are arkosic; <450 feet thick

pC - Precambrian Basement; typically granitic- to dioritic- igneous and metamorphic rocks

Reference: Thorstenson, D.J., and Beard, L.S., U.S. Geological Survey, 2000.

# Figure 3-7
# Parcel 3 Geology
## Fort Wingate Depot Activity
## McKinley County, New Mexico




LEGEND

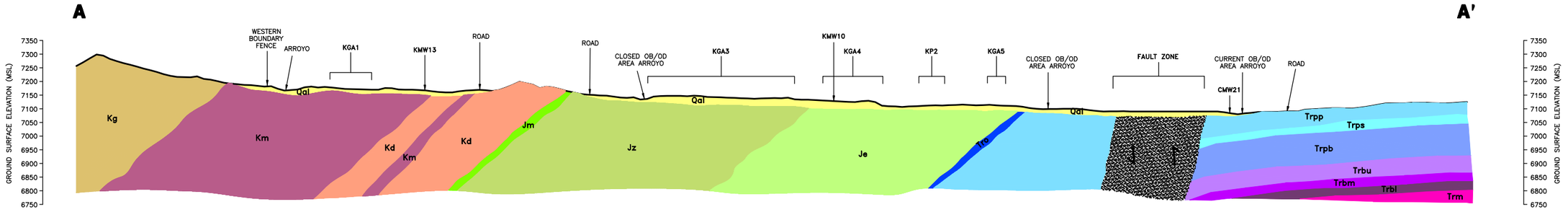
- ALLUVIAL MONITORING WELL
- MANCOS SHALE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION BORING
- ENTRADA SANDSTONE FORMATION MONITORING WELL
- PAINTED DESERT MEMBER MONITORING WELL
- SONSELA SANDSTONE MEMBER MONITORING WELL
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 5-STRAND BARBED WIRE FENCE
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARY
- FWDA PROPERTY BOUNDARY, FEBRUARY 2002
- Qal QUATERNARY ALLUVIAL DEPOSITS
- Qcl QUATERNARY COLLUVIAL DEPOSITS
- Kcc CREVASSE CANYON FORMATION
- Kg GALLUP SANDSTONE
- Km MANCOS SHALE
- Kd DAKOTA SANDSTONE
- Jm MORRISON FORMATION
- Jz ZUNI SANDSTONE
- Je ENTRADA SANDSTONE
- Tro OWL ROCK FORMATION
- Trpp PETRIFIED FOREST FORMATION, PAINTED DESERT MEMBER
- Trps PETRIFIED FOREST FORMATION, SONSELA SANDSTONE MEMBER
- Trpb PETRIFIED FOREST FORMATION, BLUE MESA MEMBER
- CENTER OF NUTRIA MONOCLINE FAULT ZONE
- 6600 TOPOGRAPHIC CONTOUR (FT. MSL)

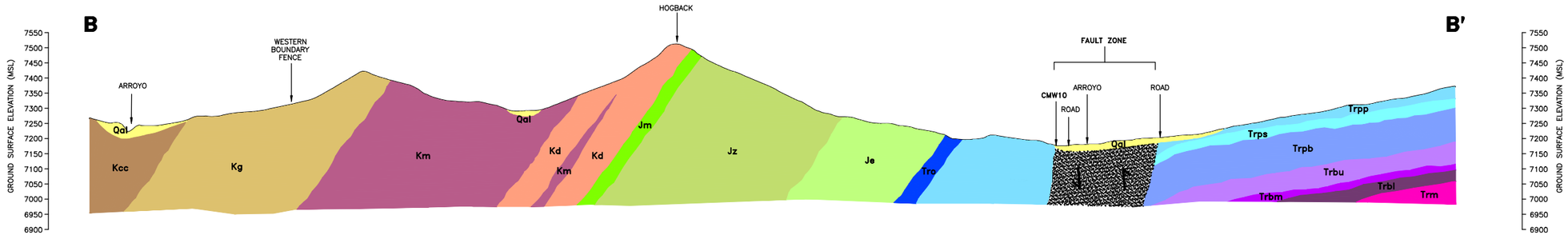
1200 600 0 1200
SCALE IN FEET

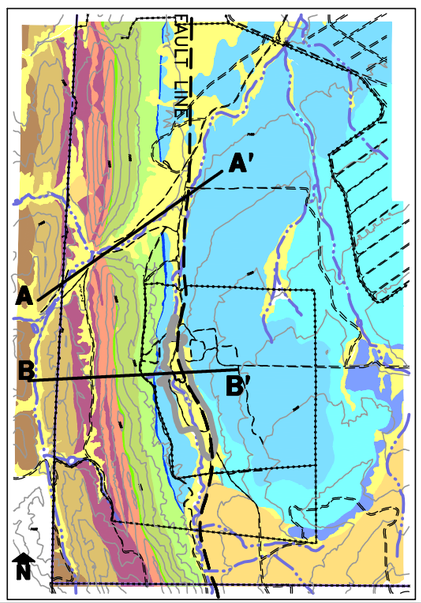
N

BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS TAKEN SEPTEMBER 28, 1995

# Figure 3-8
# Generalized Geologic Cross Sections A-A' and B-B'
## Fort Wingate Depot Activity
## McKinley County, New Mexico




CROSS SECTION LOCATION MAP

LEGEND

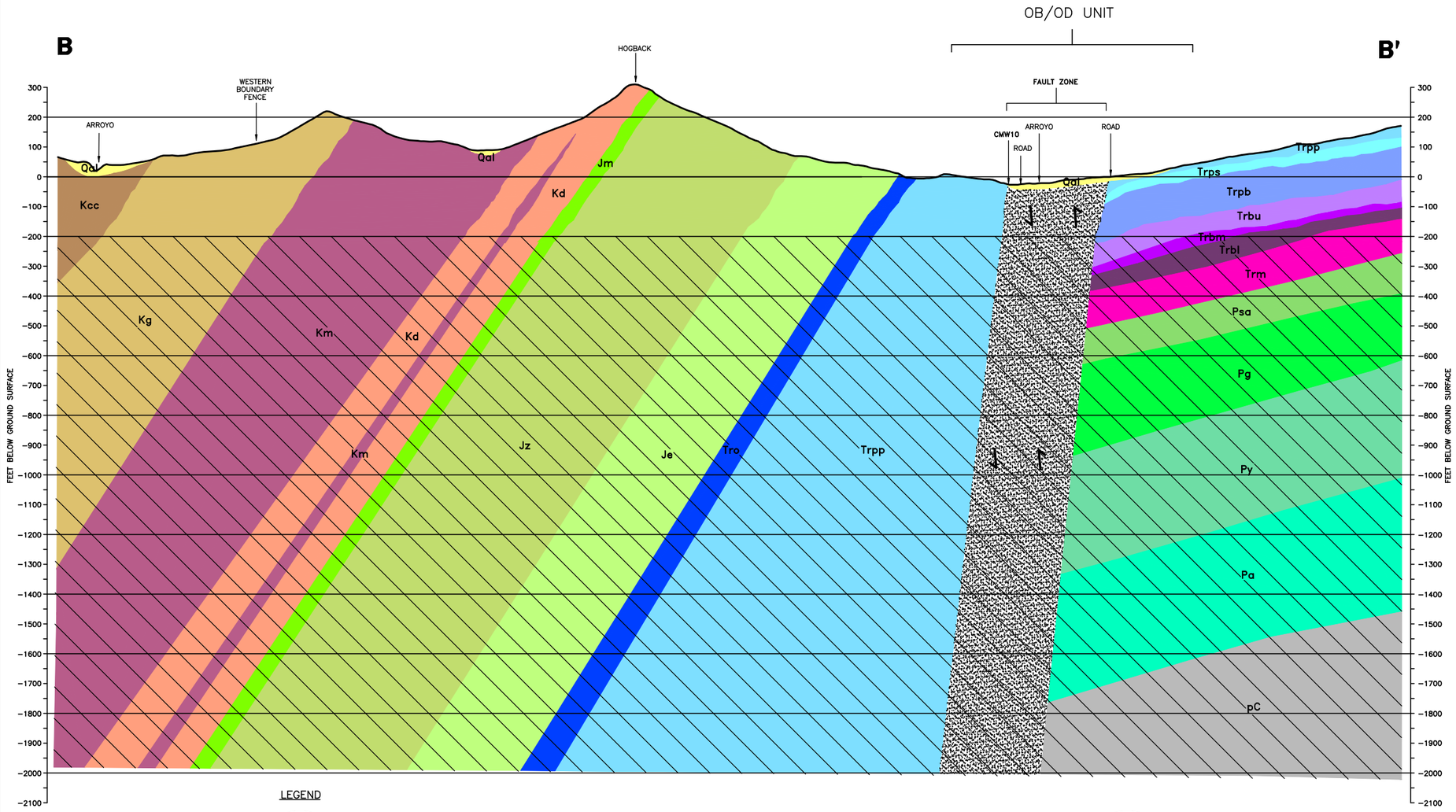
| | |
|---|---|
| Qal | QUATERNARY ALLUVIAL DEPOSITS |
| Kcc | CREVASSE CANYON FORMATION |
| Kg | GALLUP SANDSTONE |
| Km | MANCOS SHALE |
| Kd | DAKOTA SANDSTONE |
| Jm | MORRISON FORMATION |
| Jz | ZUNI SANDSTONE |
| Je | ENTRADA SANDSTONE |
| | NUTRIA MONOCLINE FAULT ZONE |
| | INDICATED DIRECTION SHOWS RELATIVE MOVEMENT |
| Tro | OWL ROCK FORMATION |
| Trpp | PETRIFIED FOREST FORMATION, PAINTED DESERT MEMBER |
| Trps | PETRIFIED FOREST FORMATION, SONSELA SANDSTONE MEMBER |
| Trpb | PETRIFIED FOREST FORMATION, BLUE MESA MEMBER |
| Trbu | BLUEWATER CREEK FORMATION, UPPER MEMBER |
| Trbm | BLUEWATER CREEK FORMATION, MCGAFFEY MEMBER |
| Trbl | BLUEWATER CREEK FORMATION, LOWER MEMBER |
| Trm | SHINARUMP FORMATION AND MOENKOPI FORMATION |

NO VERTICAL EXAGGERATION

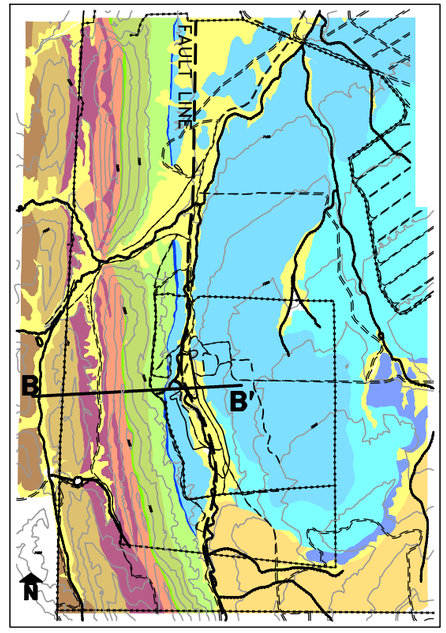
400 200 0 400

SCALE IN FEET

# Figure 3-9
# Generalized Geologic Cross Section B-B'
## Fort Wingate Depot Activity
## McKinley County, New Mexico




CROSS SECTION LOCATION MAP




LEGEND

- Qal — QUATERNARY ALLUVIAL DEPOSITS
- Kcc — CREVASSE CANYON FORMATION
- Kg — GALLUP SANDSTONE
- Km — MANCOS SHALE
- Kd — DAKOTA SANDSTONE
- Jm — MORRISON FORMATION
- Jz — ZUNI SANDSTONE
- Je — ENTRADA SANDSTONE
- NUTRIA MONOCLINE FAULT ZONE
- INDICATED DIRECTION SHOWS RELATIVE MOVEMENT
- Tro — OWL ROCK FORMATION
- Trpp — PETRIFIED FOREST FORMATION, PAINTED DESERT MEMBER
- Trps — PETRIFIED FOREST FORMATION, SONSELA SANDSTONE MEMBER
- Trpb — PETRIFIED FOREST FORMATION, BLUE MESA MEMBER
- Trbu — BLUEWATER CREEK FORMATION, UPPER MEMBER
- Trbm — BLUEWATER CREEK FORMATION, MCGAFFEY MEMBER
- Trbl — BLUEWATER CREEK FORMATION, LOWER MEMBER
- Trm — SHINARUMP FORMATION AND MOENKOPI FORMATION
- Psa — SAN ANDREAS LIMESTONE FORMATION
- Pg — GLORIETTA SANDSTONE FORMATION
- Py — YESO FORMATION
- Pa — ABO FORMATION
- pC — PRECAMBRIAN BASEMENT
- GEOLOGY INFERRED

NO VERTICAL EXAGGERATION

400 200 0 400

SCALE IN FEET

# 4.0 OB/OD UNIT HAZARDOUS WASTE MANAGEMENT UNIT

## 4.1 BACKGROUND

### 4.1.1 Location, Description, and Operational History

As shown in Figure 2-3, the OB/OD Unit HWMU is an area within the Current OB/OD Area.

The operational history of the OB/OD Unit is described in detail in the companion SRHI for Parcel 3. Unusable munitions and explosives and related materials were treated in the OB/OD Unit, including objects that were potentially contaminated with explosives during storage and handling, such as shipping containers and dunnage.

### 4.1.2 Site Conditions

Surface and subsurface conditions within and around the OB/OD Unit are described in Section 3.0. Previous investigations (Section 4.1.3) have shown that OB/OD operations were conducted on the ground surface within the OB/OD Unit, and residual materials appear have been placed around the OB/OD Unit via a variety of mechanisms, including earthmoving (e.g., piles of residuals were pushed onto/over arroyo banks using earthmoving equipment during FWDA operations), erosion (e.g., surface runoff has transported residual materials from the piles where they were initially placed down arroyo banks and into/along the arroyo bottoms), and explosions (e.g., detonations have forced fragments and/or MEC beneath the ground surface).

As shown in Figures 3-1 and 3-2, a watershed containing approximately 2,440 acres drains through the arroyo in the OB/OD Unit to the point of confluence with an arroyo draining the area containing the Parcel 3 SWMUs. FWDA maintains storm water best management practices (BMPs) within the OB/OD Unit, including straw bales installed at the top of each arroyo back where waste materials were encountered during field investigations. The 100-year flood elevation was calculated as part of the FWDA RCRA Permit Application (PMC, 2003, Attachment Q), and is shown in Figure 4-1.

As described in the companion SRHI for the OB/OD Unit and Parcel 3 SWMUs and AOCs, habitat and wetland areas have been identified in and around the OB/OD Unit. Habitat and wetland areas are shown in Figure 4-1.

As a result of the nature of OB/OD operations, the potential exists for MEC to be present in and around the OB/OD Unit, and site soils and ground water have been impacted by MC such as explosives and metals.

## 4.2 PREVIOUS INVESTIGATIONS

Previous investigations conducted in and around the OB/OD Unit HWMU as part of an NMED-approved Closure Field Program (CFP) are described in detail in the companion SRHI for the OB/OD Unit and Parcel 3 SWMUs and AOCs.

## 4.3 EVALUATION OF DATA FROM PREVIOUS INVESTIGATIONS

As described in Section 2.3.2.3, environmental data from previous investigations were reevaluated with respect to cleanup levels described in Permit Attachment 7 (NMED, 2005).

### 4.3.1 Geophysical Surveys

Because the OB/OD Unit was active until FWDA closure in 1993, it was assumed that all past disposal areas/activities were readily observable on the land surface, and therefore no geophysical surveys were performed as part of the CFP.

Permit Section III.A.5 states that "The Permitee shall conduct geophysical investigations encompassing the entire OB/OD Unit after the initial removal actions have been completed." Therefore, the lack of geophysical survey data in and around the OB/OD Unit is a data gap.

In addition, as noted in the SRHI, analysis of historical aerial photographs identified a number of features within the HWMU that have not been previously investigated. At least eight previously unidentified features within the HWMU are located outside previously investigated areas.

As described in Section 4.4.1, digital geophysical mapping (DGM) of portions of the OB/OD Unit will be included in the next phase of investigations to support closure activities for the HWMU. DGM within the HWMU will focus on attempting to confirm/delineate the extent of previously investigated areas and determine if other areas (e.g., historical aerial photograph features) require further investigation. If DGM identifies additional subsurface disposal areas or if DGM data are inconclusive, additional investigations (e.g., trenching) may be necessary as part of a future investigative phase.

### 4.3.2 Waste Characterization

Figure 4-1 shows previous waste characterization sample locations. Previous characterization trench logs are presented in Appendix B. Table 4-1 summarizes the types of wastes observed in each area, estimated in-place volume, and the numbers and types of waste samples collected.

A summary of detected parameters and screening results for waste samples collected within the OB/OD Unit are presented in Tables 4-2 and 4-3, and shown in Figure 4-1. Table 4-2 and Table 4-3 identify several metals that were detected exceeding both Toxicity Constituents Leaching Procedure (TCLP) and Permit soil cleanup levels in two areas (CRP2 and CRP5). As shown in Table 4-3, metals and explosives were detected exceeding Permit soil cleanup levels in other locations.

As discussed in the companion SRHI for Parcel 3, based on investigation trench and sample locations, a significant portion of the OB/OD Unit has been evaluated.

The SRHI describes that only five of 12 detonation craters in existence at the time OB/OD operations ended were investigated during the CFP. The investigations were limited because the Army believed that observations/data from characterization of the five craters investigated could be extrapolated to the remaining seven craters. As discussed in Section 4.1.1, all but one (shown in Figure 4-1 as CDC05) of the demolition craters were filled in (using the surrounding soil as fill) as directed by NMED in 1999.

The SRHI for Parcel 3 notes that MEC items remain within the OB/OD Unit HWMU. The follow-on geophysical surveys discussed in Section 4.4.1 will attempt to identify any remaining disposal areas/MEC items to address this data gap.

None of the waste samples collected previously were analyzed for all parameters listed in Permit Attachment 1 (NMED, 2005).

### *4.3.3 Soil Characterization*

Locations of soil samples collected within the OB/OD Unit are shown in Figure 4-2. A summary of all detected parameters and a comparison to Permit cleanup levels are shown in Table 4-4. Because of the large number of soil data, a summary table showing only detections which exceed Permit cleanup levels is provided as Table 4-5.

Table 4-5 indicates that 1,3-dinitrobenzene (DNB) was detected in one surface soil sample (RFSO14, collected in 1993 on the surface at the eastern edge of CRP7) at a concentration exceeding the Permit cleanup level. Trinitrotoluene (TNT) was detected in one sample 15 feet below ground surface (bgs) (CDC061015, collected in 1996 from investigation trenches at detonation crater CDC06) at a concentration exceeding the Permit cleanup level. Metals were detected in a number of soil samples and at various depths at concentrations exceeding Permit cleanup levels.

Data presented in the SRHI for Parcel 3, based on investigation trench and sample locations, indicate that a significant portion of the OB/OD Unit has been evaluated. However, it is unknown if impacted soil areas exist outside the areas investigated during the CFP, because those investigations were limited to areas of disposal operations visible at the time the CFP was initiated. If good DGM data can be obtained, this data gap would be partially addressed (e.g., additional subsurface disposal areas, if any, may be identified by DGM). If additional subsurface disposal areas are identified or if DGM data are inconclusive, additional investigations (e.g., trenching) will be necessary to characterize the soil surrounding and underlying additional waste materials.

As noted in the companion SRHI, only five of 12 detonation craters in existence at the time OB/OD operations ended were investigated during the CFP. Additional investigations (e.g., trenching or soil borings) will be necessary to characterize soil in the seven craters not investigated; all but one (shown in Figure 4-2 as CDC05) of the demolition craters were filled in (using the surrounding soil as fill) as directed by NMED in 1999.

"Background" soil data described in the companion SRHI were acquired during the CFP via collection and analysis of near-surface soil samples; although the data were collected IAW work plans approved by NMED, the report presenting the data was never approved, and therefore there are no approved background concentrations for inorganic constituents. The "background" data have not been used in evaluation of existing data in this Work Plan.

Additionally, none of the soil samples collected previously were analyzed for all parameters listed in Permit Attachment 1 (NMED, 2005).

### *4.3.4 Ground Water Characterization*

As discussed in Section 3.5.2, the hydrogeologic setting in and around the OB/OD Unit HWMU is extremely complex. In order to make this Work Plan more streamlined for review and use, previous and proposed investigations relating to Parcel 3 ground water are discussed in Section 6.0 of this Work Plan.

### *4.3.5 Surface Water/Sediment Characterization*

Several metals, several explosives, a single volatile organic compound (VOC), and nitrate/nitrite were detected in surface water samples (Table 4-6). Cleanup levels were exceeded for mercury and selenium in the sample collected at location CSW08. This sampling location was just downstream from the largest identified waste areas, CRP5 and CRP 6.

As shown in Table 4-7, a single metal was detected at a concentration exceeding soil cleanup levels in sediment samples.

While surface water/sediment sampling locations sufficiently covered the OB/OD Unit arroyo, data were collected in a single event over 10 years ago. Although the data were collected IAW work plans approved by NMED, the report presenting the data was never approved.

None of the surface water/sediment samples were analyzed for all parameters listed in Permit Attachment 1; in addition to explosives and metals (evaluated during the CFP), the list includes propellant constituents, perchlorate, white phosphorus (WP), VOCs, semi-volatile organic compounds (SVOCs), and potentially asbestos, dioxins and furans, cyanide, polychlorinated biphenyls (PCBs), pesticides, and herbicides (NMED, 2005).

Results from previous surface water samples were compared to cleanup levels specified in Permit Attachment 7, Section 7.4, to the extent possible. The specific numeric criteria provided in New Mexico Administrative Code (NMAC) 20.6.4.900.J are limited in number, and it is not known which "use" for ephemeral runoff NMED will apply to the OB/OD Unit. The most applicable use arguably would be as wildlife habitat, for which only limited numeric criteria are provided. NMAC 20.6.4.900.G states:

> "Wildlife habitat shall be free from any substances at concentrations that are toxic to or will adversely affect plants and animals that use these

> environments for feeding, drinking, habitat or propagation; can bioaccumulate; or might impair the community of animals in a watershed or the ecological integrity of surface waters of the state. The discharge of substances that bioaccumulate, in excess of levels listed in Subsection J for wildlife habitat is allowed if, and only to the extent that, the substances are present in the intake waters that are diverted and utilized prior to discharge, and then only if the discharger utilizes best available treatment technology to reduce the amount of bioaccumulating substances that are discharged. The numeric criteria listed in Subsection J for wildlife habitat apply to this use except when a site-specific or segment-specific criterion has been adopted under 20.6.4.101 through 20.6.4.899 NMAC."

Existing data cannot be compared to domestic water supply criteria, because criteria for inorganic constituents are for dissolved concentrations (existing data are total concentrations); for organics, none of the detected constituents have a NMAC 20.6.4.900.J numeric criterion, but NMAC 20.6.4.900.B contains more general language that states:

> "surface waters of the state designated for use as domestic water supplies shall not contain substances in concentrations that create a lifetime cancer risk of more than one cancer per 100,000 exposed persons."

A comprehensive program to characterize impacts to ecological receptors associated with exposure to surface water (storm runoff) and sediments will be conducted as part of a field program associated with the installation-wide ecological risk assessment. No additional surface water/sediment sampling will be performed as part of implementation of this Work Plan.

## *4.4 SCOPE OF ACTIVITIES*

The purpose of the investigations proposed in this section are to further define the horizontal and vertical extents of waste within the HWMU.

The purpose of this section is to describe the types of activities that will be conducted in and around the OB/OD Unit HWMU during implementation of this Work Plan. Proposed activities are summarized in Table 4-8.

As described in Section 2.3.3.2, MEC and UXO may be encountered during performance of the investigations below. The procedures and methodologies described in Section 12.0 must be strictly adhered to in order to safely conduct these investigations IAW Army and Department of Defense (DOD) safety requirements.

### *4.4.1 Geophysical Investigation*

The Army plans to conduct a wide area assessment (WAA) using aerial geophysics to collect additional data regarding potential distribution of MEC; this WAA is planned for completion in 2008 and data from that investigation may be incorporated into later versions of this Work Plan.

As part of this Work Plan, geophysical investigations (in the form of DGM) are planned within the boundaries of the HWMU as shown on Figure 4-4. The objective of these investigations is to attempt to demonstrate the degree to which areas of subsurface wastes have been defined by previous investigations, and to determine if additional subsurface waste areas requiring further investigation exist. As shown in Figure 4-4, the areas proposed for DGM are areas not previously investigated during the CFP, including areas where analysis of historical aerial photographs noted features (as discussed in Section 4.3.1).

Geophysical investigation will follow the methodologies presented in Section 12.3.

If areas of suspected subsurface waste (not previously identified) are identified during DGM, those areas may be investigated by excavation or trenching as described in Section 4.4.2.

### *4.4.2 Waste Characterization*

Permit Section III.A.2 requires FWDA to "remove and properly dispose of all hazardous wastes and hazardous waste residues from the OB/OD Unit, including but not limited to debris, hazardous waste military munitions, and combustion residues" (NMED, 2005). FWDA intends to collect additional waste samples to supplement data from previous investigations; supplemental waste samples will be analyzed for additional parameters listed in Permit Section III.A.4 (NMED, 2005).

FWDA believes that data collected will demonstrate that many of the waste materials are simply solid wastes which are not RCRA regulated and which do not pose a threat to human health or the environment, and therefore can be closed with those materials remaining in place.

Based on data from previous investigations, waste materials in CRP2 and CRP5 (Figure 4-1) are classified as characteristic hazardous wastes (D005, D006, and D008). CRP2 contains approximately 250 CY of identified waste. CRP5 contains approximately 1,600 CY of identified waste. These data and estimated waste volumes for CRP2 and CRP5 are sufficient to plan removal of these waste areas during closure; as shown in Figure 4-5, these areas are not planned for further investigation as part of this Work Plan.

Because of the amount of metallic debris present in and around the OB/OD Unit, it will not be possible to collect waste samples using any type of drilling technology; downhole UXO/MEC clearance is not practical. For this reason, additional waste sampling will be performed following the excavation/trenching methodologies established for the CFP.

As noted in the SRHI, the ends of each of the previous investigation trenches and the horizontal limits of observed waste were surveyed using differential GPS methodologies. Differential GPS methodologies (described in Section 12.4.7 of this Work Plan) will be used to re-locate selected previous investigation trench and waste limit locations, as shown in Figure 4-5. A list of survey coordinates is

provided in Appendix C. After previous investigation trench and waste limit locations have been re-established, new investigation excavations will be completed by offsetting 5 feet to either side of the previous trench location. Excavations will be completed by excavating several smaller areas near the ends and center of the previously observed vertical extent of waste as shown in Figure 4-5. New investigation excavations will be completed near the ends and center of the previous trench location.

For areas not previously investigated during CFP (seven OD craters), new investigation trench locations will be established as shown in Figure 4-5.

Trench and excavation investigation methodologies will follow the methods presented in Section 12.4. One waste sample will be collected from each new investigation trench or excavation. Figure 12-1 presents a schematic cross-sectional view of a typical trench through a residue/debris area and typical locations for collection of samples. Figure 12-2 presents a schematic cross-sectional view through a detonation crater and typical locations for collection of samples. Waste samples will be collected following the methodologies presented in Section 12.4.4..

As shown in Figure 4-5 and summarized in Table 4-8, a total of 42 additional samples of waste materials observed in the OB/OD Unit will be collected. Analytical parameters are discussed in Section 4.5.

### ***4.4.3 Soil Investigation***

As described in Section 4.4.2, because FWDA hopes to collect sufficient supplemental waste samples to demonstrate that many of the waste materials are simply solid wastes which are not RCRA regulated and which do not pose a threat to human health or the environment, and therefore can be closed with those materials remaining in place, additional soil characterization sampling will be required in and around all areas proposed to remain in place.

#### *4.4.3.1 Soil Underlying Waste Materials*

As noted in Section 4.4.2, selected locations within previous investigation trenches will be re-established to allow collection of additional waste characterization samples. While the investigation excavations are open, soil samples will be collected from depth intervals of 1 and 5 feet beneath the bottom of visible waste materials at each location.

Figure 12-1 presents a schematic cross-sectional view of a typical trench through a residue/debris area and typical locations for collection of samples. Figure 12-2 presents a schematic cross-sectional view through a detonation crater and typical locations for collection of samples. Soil samples will be collected following the methodologies presented in Section 12.4.4.

As shown in Figure 4-5 and summarized in Table 4-8, a total of 91 additional samples of soil underlying waste materials observed in the HWMU will be collected. Analytical parameters are discussed in Section 4.5.

#### *4.4.3.2 Surface Soil Within OB/OD Unit HWMU*

As shown in Figure 4-6, 32 multi-incremental (MI) sampling areas will be established over 1 acre exposure units (see Section 12.5) within and around the HWMU to provide a repeatable and accurate measure of the average concentrations of constituents of concern that may be present within this area at which human receptors may potentially be exposed. This is consistent with Section 1.2.2 of the *Technical Background Document for Development of Soil Screening Levels* (NMED, 2006).

A total of 30 sub-samples will be collected from each area using stratified-random sampling design. Samples will be collected from the 1 foot depth (nominally 6 to 12 inch depth interval) with a decontaminated stainless steel hand auger. This process will result in 32 MI samples following the processing of the sub-samples (see Table 4-8 and Section 12.5). Because the MI sampling process is not applicable to VOCs, a single discrete sample from each MI sampling unit (32 total samples) for VOCs will be collected (sample sites co-located with the MI sampling sites) using EnCore, or similar closed vessel samplers.

## *4.5 ANALYTICAL PROGRAM*

### *4.5.1 Waste Sample Characterization*

As summarized in Table 4-8, waste samples collected as described above will be analyzed for constituents listed in Permit Section III.A.4, including explosives, VOCs, SVOCs, RCRA total metals, dioxins/furans, cyanide, PCBs, nitrate, and perchlorate. Target compound lists are provided in Appendix D, and quality assurance (QA) samples will be collected as summarized in Table 13-1.

### *4.5.2 Soil Characterization*

As summarized in Table 4-8, soil samples collected as described above will be analyzed for constituents listed in Permit Section III.A.4, including explosives, VOCs, SVOCs, RCRA total metals, dioxins/furans, cyanide, PCBs, nitrate, and perchlorate. Target compound lists are provided in Appendix D, and QA samples will be collected as summarized in Table 13-1.

KEY MAP

AOC 92
FEATURE 31 ON THE 1973
AERIAL PHOTO API-5 AND FEATURE 21
ON THE 1978 AERIAL PHOTO API-7

BURNING GROUND AREA

HWMU
OB/OD UNIT

CRP10 CRP9 CRP8 CRP7 CRP6 CRP5 CRP4 CRP3 CRP2 CRP1

CDC01 CDC02 CDC03 CDC04 CDC05 CDC06 CDC07 CDC08 CDC09 CDC010 CDC11 CDC12

GATE 209B

GATE (NO ID.)

CURRENT OB/OD AREA SECURITY FENCE OWNED BY ARMY

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP80602 | 5.0 | Antimony | 33.2 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP80303 | 3.0 | Lead | 6000 |
| | 3.0 | RDX | 576 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP8150103 | 3.0 | Copper | 15000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP80103 | 2.0 | Thallium | 5.91 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP70504 | 4.0 | 2,4,6-Trinitrotoluene | 157 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP70404 | 2.0 | 2,4,6-Trinitrotoluene | 292 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP60115 | 3.0 | Aluminum | 120000 |
| | 3.0 | Copper | 4200 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP6040103 | 3.0 | Antimony | 252 |
| | 3.0 | Vanadium | 151 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP5020403 | 3.0 | 2,4,6-Trinitrotoluene | 37.6 |
| | 3.0 | Lead | 3600 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP6020401 | 1.0 | 2,4,6-Trinitrotoluene | 37.6 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP5031102 | 2.0 | 2,4,6-Trinitrotoluene | 2550 D |
| | 2.0 | 2,4,6-Trinitrotoluene | 6230 |
| | 2.0 | RDX | 277 D |
| | 2.0 | RDX | 2830 |
| | 2.0 | Barium | 211000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP512EW | 3.0 | 2,4,6-Trinitrotoluene | 740 |
| | 3.0 | RDX | 674 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP5120103 | 3.0 | Barium | 2190000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP3010606 | 6.0 | 2,4,6-Trinitrotoluene | 37.3 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP3020202 | 2.0 | Aluminum | 310000 D |
| | 2.0 | Aluminum | 160000 |
| | 2.0 | Antimony | 72.7 |
| | 2.0 | Cadmium | 350 D |
| | 2.0 | Cadmium | 190 |
| | 2.0 | Copper | 15000 D |
| | 2.0 | Copper | 21000 |
| | 2.0 | Lead | 2700 D |
| | 2.0 | Lead | 3900 |
| | 2.0 | Zinc | 25000 D |
| | 2.0 | Zinc | 48000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CDC084803 | 3.0 | Lead | 450 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP2010501 | 1.0 | Aluminum | 220000 J |
| | 1.0 | Antimony | 89.2 J |
| | 1.0 | Cadmium | 600 J |
| | 1.0 | Copper | 31000 J |
| | 1.0 | Lead | 5700 J |
| | 1.0 | Nickel | 1800 J |
| | 1.0 | Zinc | 42000 J |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP2015003 | 3.0 | Cadmium | 2420 |
| | 3.0 | Lead | 24400 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM11 | 0.0 | Aluminum | 590000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM12 | 0.0 | Aluminum | 430000 |
| | 0.0 | RDX | 84.1 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM10 | 0.0 | Aluminum | 680000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM08 | 0.0 | Aluminum | 670000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM04 | 0.0 | Aluminum | 790000 |
| | 0.0 | Vanadium | 120 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1010404 | 4.0 | Aluminum | 160000 |
| | 4.0 | RDX | 104 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM02 | 0.0 | Aluminum | 370000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM07 | 0.0 | Aluminum | 450000 |
| | 0.0 | RDX | 79.6 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1020202 | 2.0 | 2,4,6-Trinitrotoluene | 18100 |
| | 2.0 | RDX | 16000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM05 | 0.0 | Aluminum | 380000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM06 | 0.0 | Aluminum | 500000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM03 | 0.0 | Aluminum | 580000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM01 | 0.0 | Aluminum | 520000 D |
| | 0.0 | Aluminum | 590000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1DRUM09 | 0.0 | Aluminum | 490000 |
| | 0.0 | RDX | 71.9 |

LEGEND

- ▲ COMPOSITE DEBRIS OR RESIDUE SAMPLE
- ● ADDITIONAL DEBRIS OR RESIDUE SAMPLE
- ◉ DRUM SAMPLE (SOLID RESIDUE)
- SURVEYED INVESTIGATION TRENCH
- APPROXIMATE TEST PIT LOCATION
- SAMPLE EXCEEDING PERMIT CLEANUP LEVEL
- SAMPLE EXCEEDING TCLP LIMIT
- SWMU/AOC BOUNDARY
- AOC 92 SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF SURFACE DEBRIS/RESIDUE PILE
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- D DUPLICATE SAMPLE
- J ESTIMATED CONCENTRATION
- SENSITIVE HABITAT (WETLAND)
- SENSITIVE HABITAT (WILDLIFE)
- WILLOW THICKET
- 100-YEAR FLOODPLAIN
- 7200 TOPOGRAPHIC CONTOUR (FT. MSL)

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 04.09.08


TerranearPMC, LLC
222 VALLEY CREEK BLVD., SUITE 210
EXTON, PA 19341-2843
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# Figure 4-1
## Previous Waste Characterization Sample Locations OB/OD Unit

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511402 -3C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

N 1616000 N 1615000 N 1614000 N 1613000
E 2490000 E 2491000

100 50 0 100 200
SCALE IN FEET

KEY MAP

BIPSO12 LOCATED 327' NORTHWEST OF BIPSO11

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| BIPSO09 | 0.0 | *Cadmium* | 71.5 D |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP1002508 | 8.0 | *Vanadium* | 144 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CMW17 | 45.0 | *Vanadium* | 117 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CMW14 | 40.0 | *Vanadium* | 96.9 |
| | 45.0 | *Vanadium* | 92.9 |
| | 50.0 | *Vanadium* | 94.5 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP8100315 | 15.0 | *Aluminum* | 82000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| BGAS002 | 0.0 | *Antimony* | 332 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP7010612 | 12.0 | *Antimony* | 67.7 |
| | 12.0 | *Selenium* | 470 |
| | 12.0 | *Thallium* | 480 |
| | 12.0 | *Vanadium* | 138 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| DBASO18 | 0.0 | *Antimony* | 93.0 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CRP7020416 | 16.0 | *Vanadium* | 89.9 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| RFSO14 | 0.0 | *1,3-Dinitrobenzene* | 332 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| DBASO26 | 0.0 | *Antimony* | 112 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| RFSO09 | 0.0 | *Antimony* | 84.7 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| DC3SO01 | 0.0 | *Antimony* | 665 |
| | 0.0 | *Manganese* | 5250 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| DC2SO02 | 0.0 | *Antimony* | 140 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| RFSO04 | 0.0 | *Antimony* | 57.8 |
| | 0.0 | *Cadmium* | 97.3 |
| | 0.0 | *Copper* | 3950 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CDC084015 | 15.0 | *Vanadium* | 81.7 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CDC083715 | 15.0 | *Aluminum* | 78000 |
| | 15.0 | *Vanadium* | 85.9 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CDC063015 | 15.0 | *Aluminum* | 78000 |
| | 15.0 | *Antimony* | 54.8 |
| | 15.0 | *Vanadium* | 690 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CDC061015 | 15.0 | *2,4,6-Trinitrotoluene* | 90.4 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CMW07 | 35.0 | *Vanadium* | 162 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| RFSO03 | 0.0 | *Antimony* | 89.9 |
| | 0.0 | *Cadmium* | 237 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CDC021915 | 15.0 | *Vanadium* | 91.7 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CMW04 | 20.0 | *Vanadium* | 89.6 D |
| | 60.0 | *Vanadium* | 152 |

AOC 92
FEATURE 31 ON THE 1973
AERIAL PHOTO API-5 AND FEATURE 21
ON THE 1978 AERIAL PHOTO API-7

BURNING GROUND AREA

HWMU
OB/OD UNIT

CURRENT OB/OD AREA
SECURITY FENCE
OWNED BY ARMY

GATE 209B

GATE (NO ID.)

LEGEND

- SOIL SAMPLE
- ADDITIONAL SOIL SAMPLE
- SURFACE SOIL SAMPLE
- SURVEYED INVESTIGATION TRENCH
- APPROXIMATE TEST PIT LOCATION
- ALLUVIAL MONITORING WELL
- PAINTED DESERT MEMBER MONITORING WELL
- SAMPLE EXCEEDING PERMIT CLEANUP LEVEL
- SWMU/AOC BOUNDARY
- AOC 92 — SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF SURFACE DEBRIS/RESIDUE PILE
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- D — DUPLICATE SAMPLE
- J — ESTIMATED CONCENTRATION
- SENSITIVE HABITAT (WETLAND)
- SENSITIVE HABITAT (WILDLIFE)
- WILLOW THICKET
- 100-YEAR FLOODPLAIN
- 7200 — TOPOGRAPHIC CONTOUR (FT. MSL)

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 04.09.08


TerranearPMC, LLC
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# Figure 4-2
## Previous Soil Characterization Sample Locations OB/OD Unit

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511402 -2C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

SCALE IN FEET: 100 50 0 100 200

KEY MAP

CRP10
CRP9
CRP8
CRP7
CRP6
CRP5
CRP4
CRP3
CRP2
CRP1

CSW/SED09
CSW/SED08
CSW/SED06
CSW/SED05
CSW/SED04
CSW/SED03
CSW/SED02

| SAMPLE ID | ANALYTE | RESULT (ug/L) |
|---|---|---|
| CSW08 | *Mercury* | 2.91 |
| | *Selenium* | 9.46 |

AOC 92
FEATURE 31 ON THE 1973
AERIAL PHOTO API-5 AND FEATURE 21
ON THE 1978 AERIAL PHOTO API-7

BURNING
GROUND
AREA

HWMU
OB/OD UNIT

CDC01
CDC02
CDC03
CDC04
CDC05
CDC06
CDC07
CDC08
CDC09
CDC010
CDC11
CDC12

GATE 209B
GATE
(NO ID.)
CURRENT OB/OD AREA
SECURITY FENCE
OWNED BY ARMY

N 1616000
N 1615000
N 1614000
N 1613000
E 2490000

N

100 50 0 100 200
SCALE IN FEET

LEGEND

- SURFACE WATER/SEDIMENT SAMPLE LOCATION
- SAMPLE EXCEEDING PERMIT CLEANUP LEVEL
- SWMU/AOC BOUNDARY
- AOC 92 SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF SURFACE DEBRIS/RESIDUE PILE
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- SENSITIVE HABITAT (WETLAND)
- SENSITIVE HABITAT (WILDLIFE)
- WILLOW THICKET
- 100-YEAR FLOODPLAIN
- 7200 TOPOGRAPHIC CONTOUR (FT. MSL)

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 04.09.08

TerranearPMC, LLC
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EXTON, PA 19341-2843
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(610) 862-5050 FAX

# Figure 4-3
# Previous Surface Water and Sediment Sample Locations OB/OD Unit

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511402 -4C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

KEY MAP

CRP10
CRP9
CRP8
CRP7
CRP6
CRP5
CRP4
CRP3
CRP2
CRP1

CRATES/CONTAINERS – 1958
EXCAVATION WITH PROBABLE DEBRIS – 1985
EXCAVATION w/DARK–TONED MATERIAL/DEBRIS – 1962
CRATER/DISTURBED GROUND – 1978
EXCAVATION WITH DEBRIS – 1991
PROBABLE DEBRIS – 1973
CRATERS – 1966
DISTURBED GROUND/CRATERS – 1948, 52, 73
CRATERS – 1962
TRENCH/PROBABLE DEBRIS – 1973
EXCAVATION/CRATERS – 1958
EXCAVATION/CRATERS – 1962, 66
EXCAVATION – 1985
EXCAVATION/CRATERS – 1948
EXCAVATION – 1985
CRATER/EXCAVATION – 1978, 85
DEBRIS – 1966
CRATERS – 1952
CRATERS – 1952
OBJECTS/STAIN – 1958
GRADED AREA – 1973
OBJECTS/STAIN – 1958
PROBABLE FILL AREA – 1952
GRADED AREA WITH EQUIPMENT/OBJECTS – 1991
OBJECTS/STAIN – 1958
STAIN – 1966
EXCAVATION WITH PROBABLE DEBRIS – 1958, 62, 66, 73, 78, 85
GRADED AREA – 1973
STAIN – 1962, 66
PIT – 1985
REVETMENT/PIT – 1997
REVETMENT/PIT – 1997
REVETMENT/PIT – 1997
REVETMENT/PIT – 1997
REVETMENT/PIT – 1997
TRENCH/DITCH – 1978
GRADED AREA WITH EQUIPMENT/PROBABLE CONTAINERS – 1978
GRADED AREA WITH REVETMENT – 1991
REVETMENT/PIT – 1997
REVETMENT/PIT – 1997
TRENCH WITH DEBRIS – 1985
GRADED AREA WITH EQUIPMENT/PROBABLE CONTAINERS – 1978
PROBABLE DEBRIS – 1962
EXCAVATION/CRATERS – 1962, 66
EXCAVATION/CRATERS – 1962, 66
TRENCH WITH DEBRIS – 1985
EXCAVATION/CRATERS – 1962, 66
EXCAVATION/CRATERS – 1962, 66
BERMED AREA – 1978, 85
CLEARED AREA – 1985
PROBABLE FOUNDATION – 1966

CDC01
CDC02
CDC03
CDC04
CDC05
CDC06
CDC07
CDC08
CDC09
CDC010
CDC11
CDC12

AOC 92
FEATURE 31 ON THE 1973
AERIAL PHOTO API-5 AND FEATURE 21
ON THE 1978 AERIAL PHOTO API-7

BURNING GROUND AREA

HWMU
OB/OD UNIT

APPROXIMATE EXTENT OF PROPOSED GEOPHYSICAL INVESTIGATIONS

APPROXIMATE EXTENT OF PROPOSED GEOPHYSICAL INVESTIGATIONS

GATE 209B
GATE (NO ID.)
CURRENT OB/OD AREA SECURITY FENCE OWNED BY ARMY

N

SCALE IN FEET
100 50 0 100 200

E 2490000
N 1616000
N 1615000
N 1614000
N 1613000

LEGEND

- PIT–1985 — FEATURE IDENTIFIED IN HISTORICAL AERIAL PHOTO REPORT
- SWMU/AOC BOUNDARY
- AOC 92 — SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF SURFACE DEBRIS/RESIDUE PILE
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6–FOOT CHAIN LINK SECURITY FENCE WITH 3–STRAND BARBED WIRE TOP
- APPROXIMATE EXTENT OF PROPOSED GEOPHYSICAL INVESTIGATIONS
- SENSITIVE HABITAT (WETLAND)
- SENSITIVE HABITAT (WILDLIFE)
- WILLOW THICKET
- 100–YEAR FLOODPLAIN
- 7200 — TOPOGRAPHIC CONTOUR (FT. MSL)

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 04.09.08


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# Figure 4-4
## Proposed Geophysical Survey Areas
## OB/OD Unit

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511402 –1C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

KEY MAP

AOC 92
FEATURE 31 ON THE 1973
AERIAL PHOTO API-5 AND FEATURE 21
ON THE 1978 AERIAL PHOTO API-7

BURNING
GROUND
AREA

WASTE TO BE REMOVED DURING CLOSURE

WASTE TO BE REMOVED DURING CLOSURE

HWMU
OB/OD UNIT

CURRENT OB/OD AREA
SECURITY FENCE
OWNED BY army

GATE
(NO ID.)

GATE 209B

CRP10 CRP9 CRP8 CRP7 CRP6 CRP5 CRP4 CRP3 CRP2 CRP1

CDC01 CDC02 CDC03 CDC04 CDC05 CDC06 CDC07 CDC08 CDC09 CDC010 CDC11 CDC12

CRP1002 CRP1001 CRP1003 CRP908 CRP907 CRP906 CRP903 CRP904 CRP901 CRP807 CRP902 CRP806 CRP805 CRP804 CRP815 CRP803 CRP808 CRP814 CRP8021 CRP801 CRP708 CRP705 CRP809 CRP704 CRP707 CRP703 CRP702 CRP701 CRP706 CRP6TP6 CRP6TP2 CRP6TP3 CRP6TP5 CRP6TP1 CRP601 CRP6041 CRP602 CRP6TP4 CRP603 CRP502 CRP508 CRP501 CRP506 CRP5TP1 CRP507 CRP503 CRP514 CRP5TP2 CRP505 CRP509 CRP513 CRP510 CRP511 CRP512 CRP401 CRP402 CRP4TP1 CRP302 CRP3TP1 CRP301 CRP202 CRP2TP1 CRP201 CRP104 CRP101 (APPROXIMATE) CRP102 CRP1 TP2 CRP103 CRP1 TP1

CDC1002 CDC10011 CDC0402 CDC0401 CDC0202 CDC0201 CDC0801 CDC0802 CDC0601 CDC0602

CRP811 CRP810 CRP812 CRP813

E 2490000 N 1616000 N 1615000 N 1614000 N 1613000

LEGEND

- PREVIOUSLY SURVEYED INVESTIGATION TRENCH TO BE RE-ESTABLISHED
- PREVIOUSLY APPROXIMATE TEST PIT LOCATION TO BE RE-ESTABLISHED
- SURVEYED INVESTIGATION TRENCH
- APPROXIMATE TEST PIT LOCATION
- PROPOSED NEW INVESTIGATION TRENCH LOCATION
- PROPOSED SUPPLEMENTAL WASTE AND UNDERLYING SOIL SAMPLE LOCATION
- SWMU/AOC BOUNDARY
- AOC 92 SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF SURFACE DEBRIS/RESIDUE PILE
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- WASTE TO BE REMOVED DURING CLOSURE
- SENSITIVE HABITAT (WETLAND)
- SENSITIVE HABITAT (WILDLIFE)
- WILLOW THICKET
- 100-YEAR FLOODPLAIN
- 7200 TOPOGRAPHIC CONTOUR (FT. MSL)

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| PROJECT MANAGER: E. KAMMERER | | DRAWN BY: D. TAYLOR | | DATE: 04.09.08 | | |

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# Figure 4-5
## Proposed Investigations
## Supplemental Waste and Underlying Soil Sampling
## OB/OD Unit

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511402 -5C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

100 50 0 100 200
SCALE IN FEET

KEY MAP

AOC 92
FEATURE 31 ON THE 1973
AERIAL PHOTO API-5 AND FEATURE 21
ON THE 1978 AERIAL PHOTO API-7

CRP10
CRP9
CRP8
CRP7
CRP6
CRP5
CRP4
CRP3
CRP2
CRP1

BURNING
GROUND
AREA

CDC05
CDC11
CDC12
CDC04
CDC03
CDC010
CDC09
CDC08
CDC02
CDC07
CDC06
CDC01

EXPOSURE UNIT FOR
MULTI–INCREMENTAL
SAMPLING (TYPICAL)

HWMU
OB/OD UNIT

GATE 209B
GATE
(NO ID.)
CURRENT OB/OD AREA
SECURITY FENCE
OWNED BY ARMY

N 1616000
N 1615000
N 1614000
N 1613000
E 2489000
E 2490000
E 2491000
E 2492000

LEGEND

- SWMU/AOC BOUNDARY
- AOC 92 SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF SURFACE DEBRIS/RESIDUE PILE
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6–FOOT CHAIN LINK SECURITY FENCE WITH 3–STRAND BARBED WIRE TOP
- EXPOSURE UNIT FOR MULTI–INCREMENTAL SAMPLING
- SENSITIVE HABITAT (WETLAND)
- SENSITIVE HABITAT (WILDLIFE)
- WILLOW THICKET
- 100–YEAR FLOODPLAIN
- 7200 TOPOGRAPHIC CONTOUR (FT. MSL)

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

| | | |
|---|---|---|
| PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 04.09.08 |


TerranearPMC, LLC
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# Figure 4-6
# Proposed Investigations
# Surface Soil Sampling
# OB/OD Unit

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511402 –6C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

100 50 0 100 200
SCALE IN FEET

***Table 4-1***
***Waste Sampling Summary***
***OB/OD Unit HWMU***
***Fort Wingate Depot Activity***
***Gallup, New Mexico***

| Waste Area | Description of Waste Materials Encountered | Visible Waste/Debris Volume Estimate (in-place cubic yards) | Number of Grab Samples for TCLP Analyses | Results Exceed TCLP Limits? | Number of Composite Samples for Total Constituent Analyses | Results Exceed Permit Cleanup Levels? |
|---|---|---|---|---|---|---|
| CRP1 | Explosives stained soil; empty fuze cans, metal banding, ash, burn residue, ordnance fragments, and wood debris | 500 | 1 | No | 2, plus 12 from drums on surface | Yes; Residue: RDX (2 samples), TNT (1 sample), and aluminum (1 sample) Drums: RDX (3 samples), aluminum (12 samples), arsenic (2 samples), and vanadium (1 sample) |
| CRP2 | Burn residue, pieces of fuzes, ordnance fragments, demilitarized 75 mm projectiles | 250 | 1 | Yes; cadmium and lead | 1 | Yes; Aluminum, antimony, arsenic, cadmium, copper, iron, lead, nickel, and zinc (1 sample) |
| CRP3 | Ash, slag, and burn residue, empty metal scrap propellant drums, metal banding, pieces of spotting candles, fuzes, and gray-green oxidation powder | 750 | 1 | No | 2 | Yes; TNT (1 sample), antimony (1 sample), aluminum, cadmium, copper, lead, and zinc (1 sample), and iron (2 samples) |
| CRP4 | Rusty and widely scattered ordnance fragments on surface | N/A | 0 | N/A | 0 | N/A |

***Table 4-1***
***Waste Sampling Summary***
***OB/OD Unit HWMU***
***Fort Wingate Depot Activity***
***Gallup, New Mexico***

| Waste Area | Description of Waste Materials Encountered | Visible Waste/Debris Volume Estimate (in-place cubic yards) | Number of Grab Samples for TCLP Analyses | Results Exceed TCLP Limits? | Number of Composite Samples for Total Constituent Analyses | Results Exceed Permit Cleanup Levels? |
|---|---|---|---|---|---|---|
| CRP5 | One live BLU-3 submunition, blown in place; burned 3.5 inch rocket motors and 3.5 inch rocket canisters, burned parachute flares, burned fuzes and fuze pieces; grenade cans; metal banding; chunks of high explosive mixed through packing material; ammo boxes, powder cases; gray, black and white ash and burn residue; explosives stained soil<br><br>Pipes, steam headers with asbestos-containing material (ACM) wrapping; wood, wire, hinges; dunnage, cardboard, empty barrels, tin cans and steel beams. | 1,600 | 2 | Yes; barium | 3 | Yes; RDX (2 samples), TNT (3 samples), iron (1 sample), and lead (1 sample) |
| CRP6 | Metal banding and debris, burned ammo boxes and burn residue, nails, hinges, hardware, ordnance fragments, numerous live projectiles, black ash | 9,000 | 0 | N/A | 4 | Yes; TNT (1 sample), antimony, iron, and vanadium (1 sample), and aluminum and copper (1 sample) |
| CRP7 | Various projectiles (some live) and cases; ordnance fragments; ammo box hardware, metal banding; metal rods, braided steel cable, dunnage and packing materials, booster cups, fuze pieces, fragmentation bomb windings, miscellaneous debris, black ash and black stained soil | 2,400 | 4 | No | 5 | Yes; TNT (2 samples), arsenic (2 samples), and iron (2 samples) |

***Table 4-1***
***Waste Sampling Summary***
***OB/OD Unit HWMU***
***Fort Wingate Depot Activity***
***Gallup, New Mexico***

| Waste Area | Description of Waste Materials Encountered | Visible Waste/Debris Volume Estimate (in-place cubic yards) | Number of Grab Samples for TCLP Analyses | Results Exceed TCLP Limits? | Number of Composite Samples for Total Constituent Analyses | Results Exceed Permit Cleanup Levels? |
|---|---|---|---|---|---|---|
| CRP8 | Two live M83 "butterfly" bomblets, blown in place; various projectiles (some live); ordnance fragments; fuzes, butterfly bomb pieces, metal banding, ammo box hardware, barrage rocket tubes, fragmentation bomb debris, metal boosters cups and other metal debris, dunnage, container lids, dark stained soil and fractured rock, black ash | 15,500 | 2 | No | 11 | Yes; RDX ( samples), antimony (1 sample), arsenic (3 samples), copper (1 sample), iron (6 samples), lead (1 sample), thallium (1 sample) |
| CRP9 | One live M83 "butterfly" bomblet, blown in place; numerous live projectiles, metal banding, fuze components, ordnance fragments, fragmentation bomb windings, ammo box hardware, butterfly bomb fragments, rust stains and white powder, firing wire, dunnage, ash/charcoal and miscellaneous charred debris | 2,450 | 3 | No | 8 | Yes; arsenic and iron (3 samples), arsenic (1 sample), and iron (1 sample) |
| CRP10 | Burn residue, burned smoke cans, ash, ammo box hardware and scattered ordnance fragments | 50 | 0 | N/A | 1 | Yes; arsenic (1 sample) |
| CDC02 | Dark brown/black soil with fractured rock and ordnance fragments | 5,000 | 1 | No | 1 | No |
| CDC04 | Dark brown/black soil with fractured rock and ordnance fragments and ash | 3,100 | 1 | No | 1 | Yes; arsenic (1 sample) |
| CDC06 | Dark stained soil with ash and ordnance fragments | 170 | 0 | N/A | 0 | N/A |

***Table 4-1***
***Waste Sampling Summary***
***OB/OD Unit HWMU***
***Fort Wingate Depot Activity***
***Gallup, New Mexico***

| Waste Area | Description of Waste Materials Encountered | Visible Waste/Debris Volume Estimate (in-place cubic yards) | Number of Grab Samples for TCLP Analyses | Results Exceed TCLP Limits? | Number of Composite Samples for Total Constituent Analyses | Results Exceed Permit Cleanup Levels? |
|---|---|---|---|---|---|---|
| CDC08 | Black ash, metal banding, dunnage (packing materials), and ordnance fragments | 300 | 1 | No | 1 | Yes; iron and lead (1 sample) |
| CDC10 | Dark stained soil (some with green coloring), ordnance fragments | 3,670 | 1 | No | 1 | No |
| | **OB/OD Unit Total (does not include seven demolition craters not investigated)** | **44,740** | 18 | | 53 | |

## *Table 4-2*
## *Summary of Detected TCLP Constituents in Waste, OB/OD Unit*
## *Fort Wingate Depot Activity*
## *McKinley County, New Mexico*

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (ug/L) | Report Flag | USEPA TCLP Screen Level (ug/L) | Exceed Regulatory Level? |
|---|---|---|---|---|---|---|---|
| CDC021304 | 8/27/1996 | 4.0 | Arsenic | 5.32E+00 | | 5.00E+03 | |
| CDC021304 | 8/27/1996 | 4.0 | Barium | 2.42E+03 | | 1.00E+05 | |
| CDC021304 | 8/27/1996 | 4.0 | Selenium | 1.85E+01 | | 1.00E+03 | |
| CDC021304 | 8/27/1996 | 4.0 | Silver | 7.37E+01 | | 5.00E+03 | |
| CDC0411310 | 8/23/1996 | 10.0 | Arsenic | 7.12E+00 | D | 5.00E+03 | |
| CDC0411310 | 8/23/1996 | 10.0 | Arsenic | 6.59E+00 | | 5.00E+03 | |
| CDC0411310 | 8/23/1996 | 10.0 | Barium | 4.48E+03 | D | 1.00E+05 | |
| CDC0411310 | 8/23/1996 | 10.0 | Barium | 4.31E+03 | | 1.00E+05 | |
| CDC0411310 | 8/23/1996 | 10.0 | Cadmium | 6.61E+01 | D | 1.00E+03 | |
| CDC0411310 | 8/23/1996 | 10.0 | Cadmium | 6.62E+01 | | 1.00E+03 | |
| CDC0411310 | 8/23/1996 | 10.0 | Lead | 1.12E+01 | D | 5.00E+03 | |
| CDC0411310 | 8/23/1996 | 10.0 | Lead | 5.22E+00 | | 5.00E+03 | |
| CDC0411310 | 8/23/1996 | 10.0 | Selenium | 1.49E+01 | D | 1.00E+03 | |
| CDC0411310 | 8/23/1996 | 10.0 | Selenium | 1.44E+01 | | 1.00E+03 | |
| CDC04NS02 | 8/26/1996 | 5.0 | Arsenic | 6.09E+00 | | 5.00E+03 | |
| CDC04NS02 | 8/26/1996 | 5.0 | Barium | 4.06E+03 | | 1.00E+05 | |
| CDC04NS02 | 8/26/1996 | 5.0 | Cadmium | 4.27E+01 | | 1.00E+03 | |
| CDC04NS02 | 8/26/1996 | 5.0 | Selenium | 1.68E+01 | | 1.00E+03 | |
| CDC107115 | 8/21/1996 | 15.0 | Arsenic | 1.01E+01 | | 5.00E+03 | |
| CDC107115 | 8/21/1996 | 15.0 | Barium | 1.89E+03 | | 1.00E+05 | |
| CDC107115 | 8/21/1996 | 15.0 | Cadmium | 1.55E+01 | | 1.00E+03 | |
| CDC107115 | 8/21/1996 | 15.0 | Selenium | 1.50E+01 | | 1.00E+03 | |
| CDC8015203 | 8/20/1996 | 3.0 | Arsenic | 9.81E+00 | | 5.00E+03 | |
| CDC8015203 | 8/20/1996 | 3.0 | Barium | 1.58E+03 | | 1.00E+05 | |
| CDC8015203 | 8/20/1996 | 3.0 | Cadmium | 9.17E+00 | | 1.00E+03 | |
| CDC8015203 | 8/20/1996 | 3.0 | Lead | 1.40E+01 | | 5.00E+03 | |
| CDC8015203 | 8/20/1996 | 3.0 | Selenium | 1.66E+01 | | 1.00E+03 | |
| CRP1003405 | 9/18/1996 | 5.0 | Arsenic | 9.79E+00 | | 5.00E+03 | |

***Table 4-2***
***Summary of Detected TCLP Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (ug/L) | Report Flag | USEPA TCLP Screen Level (ug/L) | Exceed Regulatory Level? |
|---|---|---|---|---|---|---|---|
| CRP1003405 | 9/18/1996 | 5.0 | Barium | 3.75E+03 | | 1.00E+05 | |
| CRP1003405 | 9/18/1996 | 5.0 | Cadmium | 6.50E+00 | | 1.00E+03 | |
| CRP1003405 | 9/18/1996 | 5.0 | Selenium | 1.55E+01 | | 1.00E+03 | |
| CRP1010504 | 8/6/1996 | 4.0 | Arsenic | 9.80E+00 | | 5.00E+03 | |
| CRP1010504 | 8/6/1996 | 4.0 | Barium | 2.13E+03 | | 1.00E+05 | |
| CRP1010504 | 8/6/1996 | 4.0 | Cadmium | 3.17E+00 | | 1.00E+03 | |
| CRP1010504 | 8/6/1996 | 4.0 | Lead | 8.72E+00 | | 5.00E+03 | |
| CRP1010504 | 8/6/1996 | 4.0 | Selenium | 1.35E+01 | | 1.00E+03 | |
| CRP2015003 | 8/24/1996 | 3.0 | Arsenic | 6.64E+00 | | 5.00E+03 | |
| CRP2015003 | 8/24/1996 | 3.0 | Barium | 1.70E+03 | | 1.00E+05 | |
| CRP2015003 | 8/24/1996 | 3.0 | Cadmium | 2.42E+03 | | 1.00E+03 | YES |
| CRP2015003 | 8/24/1996 | 3.0 | Lead | 2.44E+04 | | 5.00E+03 | YES |
| CRP2015003 | 8/24/1996 | 3.0 | Selenium | 1.75E+01 | | 1.00E+03 | |
| CRP3010706 | 8/2/1996 | 6.0 | Arsenic | 1.20E+01 | | 5.00E+03 | |
| CRP3010706 | 8/2/1996 | 6.0 | Barium | 1.53E+03 | | 1.00E+05 | |
| CRP3010706 | 8/2/1996 | 6.0 | Cadmium | 1.79E+02 | | 1.00E+03 | |
| CRP3010706 | 8/2/1996 | 6.0 | Lead | 2.42E+02 | | 5.00E+03 | |
| CRP3010706 | 8/2/1996 | 6.0 | Selenium | 1.48E+01 | | 1.00E+03 | |
| CRP3010706 | 8/2/1996 | 6.0 | Silver | 2.59E+01 | | 5.00E+03 | |
| CRP5031102 | 8/13/1996 | 2.0 | Arsenic | 1.20E+01 | | 5.00E+03 | |
| CRP5031102 | 8/13/1996 | 2.0 | Barium | 2.11E+05 | | 1.00E+05 | YES |
| CRP5031102 | 8/13/1996 | 2.0 | Cadmium | 1.54E+01 | | 1.00E+03 | |
| CRP5031102 | 8/13/1996 | 2.0 | Lead | 2.83E+01 | | 5.00E+03 | |
| CRP5031102 | 8/13/1996 | 2.0 | Selenium | 1.35E+01 | | 1.00E+03 | |
| CRP5120103 | 9/3/1996 | 3.0 | 2,4-Dinitrotoluene | 2.90E+01 | | 1.30E+02 | |
| CRP5120103 | 9/3/1996 | 3.0 | Arsenic | 8.64E+00 | | 5.00E+03 | |
| CRP5120103 | 9/3/1996 | 3.0 | Barium | 2.19E+06 | | 1.00E+05 | YES |
| CRP5120103 | 9/3/1996 | 3.0 | Cadmium | 3.90E+01 | | 1.00E+03 | |
| CRP5120103 | 9/3/1996 | 3.0 | Lead | 7.02E+00 | | 5.00E+03 | |

## *Table 4-2*
## *Summary of Detected TCLP Constituents in Waste, OB/OD Unit*
## *Fort Wingate Depot Activity*
## *McKinley County, New Mexico*

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (ug/L) | Report Flag | USEPA TCLP Screen Level (ug/L) | Exceed Regulatory Level? |
|---|---|---|---|---|---|---|---|
| CRP5120103 | 9/3/1996 | 3.0 | Selenium | 1.83E+01 | | 1.00E+03 | |
| CRP7010302 | 9/11/1996 | 2.0 | Arsenic | 1.05E+01 | D | 5.00E+03 | |
| CRP7010302 | 9/11/1996 | 2.0 | Arsenic | 9.82E+00 | | 5.00E+03 | |
| CRP7010302 | 9/11/1996 | 2.0 | Barium | 1.31E+03 | D | 1.00E+05 | |
| CRP7010302 | 9/11/1996 | 2.0 | Barium | 1.34E+03 | | 1.00E+05 | |
| CRP7010302 | 9/11/1996 | 2.0 | Cadmium | 1.15E+01 | D | 1.00E+03 | |
| CRP7010302 | 9/11/1996 | 2.0 | Cadmium | 1.16E+01 | | 1.00E+03 | |
| CRP7010302 | 9/11/1996 | 2.0 | Lead | 3.28E+00 | D | 5.00E+03 | |
| CRP7010302 | 9/11/1996 | 2.0 | Lead | 3.01E+00 | | 5.00E+03 | |
| CRP7010302 | 9/11/1996 | 2.0 | Selenium | 1.56E+01 | D | 1.00E+03 | |
| CRP7010302 | 9/11/1996 | 2.0 | Selenium | 1.58E+01 | | 1.00E+03 | |
| CRP7010405 | 9/11/1996 | 5.0 | Arsenic | 7.49E+00 | | 5.00E+03 | |
| CRP7010405 | 9/11/1996 | 5.0 | Barium | 7.96E+02 | | 1.00E+05 | |
| CRP7010405 | 9/11/1996 | 5.0 | Cadmium | 1.50E+01 | | 1.00E+03 | |
| CRP7010405 | 9/11/1996 | 5.0 | Lead | 4.48E+00 | | 5.00E+03 | |
| CRP7010405 | 9/11/1996 | 5.0 | Selenium | 1.54E+01 | | 1.00E+03 | |
| CRP7040502 | 9/16/1996 | 2.0 | 2,4-Dinitrotoluene | 1.81E+01 | | 1.30E+02 | |
| CRP7040502 | 9/16/1996 | 2.0 | Arsenic | 8.52E+00 | | 5.00E+03 | |
| CRP7040502 | 9/16/1996 | 2.0 | Barium | 1.13E+04 | | 1.00E+05 | |
| CRP7040502 | 9/16/1996 | 2.0 | Cadmium | 1.20E+01 | | 1.00E+03 | |
| CRP7040502 | 9/16/1996 | 2.0 | Lead | 1.39E+02 | | 5.00E+03 | |
| CRP7040502 | 9/16/1996 | 2.0 | Mercury | 2.60E-01 | | 2.00E+02 | |
| CRP7040502 | 9/16/1996 | 2.0 | Selenium | 1.65E+01 | | 1.00E+03 | |
| CRP7060304 | 9/18/1996 | 4.0 | Arsenic | 7.85E+00 | | 5.00E+03 | |
| CRP7060304 | 9/18/1996 | 4.0 | Barium | 3.09E+03 | | 1.00E+05 | |
| CRP7060304 | 9/18/1996 | 4.0 | Selenium | 1.44E+01 | | 1.00E+03 | |
| CRP8010102 | 9/6/1996 | 2.0 | Arsenic | 9.02E+00 | | 5.00E+03 | |
| CRP8010102 | 9/6/1996 | 2.0 | Barium | 1.49E+03 | | 1.00E+05 | |
| CRP8010102 | 9/6/1996 | 2.0 | Cadmium | 2.55E+01 | | 1.00E+03 | |

# *Table 4-2*
# *Summary of Detected TCLP Constituents in Waste, OB/OD Unit*
# *Fort Wingate Depot Activity*
# *McKinley County, New Mexico*

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (ug/L) | Report Flag | USEPA TCLP Screen Level (ug/L) | Exceed Regulatory Level? |
|---|---|---|---|---|---|---|---|
| CRP8010102 | 9/6/1996 | 2.0 | Lead | 1.70E+01 | | 5.00E+03 | |
| CRP8010102 | 9/6/1996 | 2.0 | Selenium | 1.97E+01 | | 1.00E+03 | |
| CRP8120303 | 9/17/1996 | 3.0 | Arsenic | 9.35E+00 | | 5.00E+03 | |
| CRP8120303 | 9/17/1996 | 3.0 | Barium | 3.06E+03 | | 1.00E+05 | |
| CRP8120303 | 9/17/1996 | 3.0 | Cadmium | 6.32E+00 | | 1.00E+03 | |
| CRP8120303 | 9/17/1996 | 3.0 | Selenium | 1.64E+01 | | 1.00E+03 | |
| CRP9030304 | 9/6/1996 | 4.0 | Arsenic | 9.33E+00 | | 5.00E+03 | |
| CRP9030304 | 9/6/1996 | 4.0 | Barium | 2.54E+03 | | 1.00E+05 | |
| CRP9030304 | 9/6/1996 | 4.0 | Cadmium | 5.81E+01 | | 1.00E+03 | |
| CRP9030304 | 9/6/1996 | 4.0 | Lead | 3.91E+00 | | 5.00E+03 | |
| CRP9030304 | 9/6/1996 | 4.0 | Selenium | 1.90E+01 | | 1.00E+03 | |
| CRP9080302 | 9/19/1996 | 2.0 | Arsenic | 9.98E+00 | | 5.00E+03 | |
| CRP9080302 | 9/19/1996 | 2.0 | Barium | 2.50E+03 | | 1.00E+05 | |
| CRP9080302 | 9/19/1996 | 2.0 | Cadmium | 6.26E+00 | | 1.00E+03 | |
| CRP9080302 | 9/19/1996 | 2.0 | Lead | 5.13E+00 | | 5.00E+03 | |
| CRP9080302 | 9/19/1996 | 2.0 | Selenium | 1.50E+01 | | 1.00E+03 | |

**Notes:**

ug/l - microgram per liter

TCLP - Toxicity Characteristic Leaching Procedure

USEPA - US Environmental Protection Agency

feet bgs - feet below ground surface

**Flag Codes:**

D - Duplicate

J - Estimated Concetration

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC021304 | 8/27/1996 | 4.0 | Total organic carbon | 6.78E+03 | | NS | NS | No Standard | No Standard | |
| CDC02WE01 | 8/28/1996 | 5.0 | Aluminum | 4.65E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Antimony | 4.74E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Arsenic | 3.18E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Barium | 4.53E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Beryllium | 1.39E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Cadmium | 1.81E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Calcium | 7.40E+04 | | NS | NS | No Standard | No Standard | |
| CDC02WE01 | 8/28/1996 | 5.0 | Chromium | 2.64E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC02WE01 | 8/28/1996 | 5.0 | Cobalt | 8.18E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Copper | 6.19E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Iron | 2.00E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Lead | 1.01E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Magnesium | 1.44E+04 | | NS | NS | No Standard | No Standard | |
| CDC02WE01 | 8/28/1996 | 5.0 | Manganese | 1.29E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Nickel | 1.80E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Potassium | 1.40E+04 | | NS | NS | No Standard | No Standard | |
| CDC02WE01 | 8/28/1996 | 5.0 | Sodium | 1.26E+03 | | NS | NS | No Standard | No Standard | |
| CDC02WE01 | 8/28/1996 | 5.0 | Thallium | 1.40E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Vanadium | 2.33E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC02WE01 | 8/28/1996 | 5.0 | Zinc | 2.90E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Aluminum | 2.95E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Arsenic | 1.65E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Barium | 3.57E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Beryllium | 1.01E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Cadmium | 2.44E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Calcium | 3.64E+04 | | NS | NS | No Standard | No Standard | |
| CDC0410905 | 8/23/1996 | 5.0 | Chromium | 2.61E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC0410905 | 8/23/1996 | 5.0 | Cobalt | 5.61E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Copper | 2.62E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Iron | 1.68E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Lead | 1.94E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Magnesium | 8.74E+03 | | NS | NS | No Standard | No Standard | |
| CDC0410905 | 8/23/1996 | 5.0 | Manganese | 6.11E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Nickel | 1.20E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Potassium | 3.61E+03 | | NS | NS | No Standard | No Standard | |
| CDC0410905 | 8/23/1996 | 5.0 | Silver | 1.86E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Sodium | 3.19E+02 | J | NS | NS | No Standard | No Standard | |
| CDC0410905 | 8/23/1996 | 5.0 | Vanadium | 2.54E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC0410905 | 8/23/1996 | 5.0 | Zinc | 3.81E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC0411310 | 8/23/1996 | 10.0 | Total organic carbon | 3.93E+03 | | NS | NS | No Standard | No Standard | |
| CDC0411905 | 8/24/1996 | 5.0 | Aluminum | 1.78E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC0411905 | 8/24/1996 | 5.0 | Arsenic | 4.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CDC0411905 | 8/24/1996 | 5.0 | Barium | 1.93E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC0411905 | 8/24/1996 | 5.0 | Beryllium | 7.29E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC0411905 | 8/24/1996 | 5.0 | Calcium | 3.05E+03 | | NS | NS | No Standard | No Standard | |
| CDC0411905 | 8/24/1996 | 5.0 | Chromium | 1.25E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC0411905 | 8/24/1996 | 5.0 | Cobalt | 5.38E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC0411905 | 8/24/1996 | 5.0 | Copper | 4.79E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC0411905 | 8/24/1996 | 5.0 | Iron | 1.37E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC0411905 | 8/24/1996 | 5.0 | Lead | 7.99E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC0411905 | 8/24/1996 | 5.0 | Magnesium | 5.22E+03 | | NS | NS | No Standard | No Standard | |
| CDC0411905 | 8/24/1996 | 5.0 | Manganese | 2.14E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC0411905 | 8/24/1996 | 5.0 | Nickel | 6.29E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC0411905 | 8/24/1996 | 5.0 | Potassium | 2.59E+03 | | NS | NS | No Standard | No Standard | |
| CDC0411905 | 8/24/1996 | 5.0 | Silver | 5.61E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC0411905 | 8/24/1996 | 5.0 | Sodium | 4.11E+02 | J | NS | NS | No Standard | No Standard | |
| CDC0411905 | 8/24/1996 | 5.0 | Vanadium | 2.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC0411905 | 8/24/1996 | 5.0 | Zinc | 2.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Aluminum | 3.37E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Antimony | 8.09E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Arsenic | 2.03E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Barium | 3.82E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Beryllium | 1.15E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Cadmium | 1.44E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Calcium | 3.03E+04 | | NS | NS | No Standard | No Standard | |
| CDC049505 | 8/23/1996 | 5.0 | Chromium | 3.58E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC049505 | 8/23/1996 | 5.0 | Cobalt | 7.14E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Copper | 4.90E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Iron | 2.18E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Lead | 1.40E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Magnesium | 9.63E+03 | | NS | NS | No Standard | No Standard | |
| CDC049505 | 8/23/1996 | 5.0 | Manganese | 4.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Nickel | 1.46E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Potassium | 4.79E+03 | | NS | NS | No Standard | No Standard | |
| CDC049505 | 8/23/1996 | 5.0 | Silver | 1.66E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Sodium | 3.15E+02 | J | NS | NS | No Standard | No Standard | |
| CDC049505 | 8/23/1996 | 5.0 | Vanadium | 3.02E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC049505 | 8/23/1996 | 5.0 | Zinc | 4.60E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC04NS02 | 8/26/1996 | 5.0 | Total organic carbon | 4.65E+03 | | NS | NS | No Standard | No Standard | |
| CDC084803 | 8/21/1996 | 3.0 | Aluminum | 2.17E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Arsenic | 3.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Barium | 4.12E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Beryllium | 6.21E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Cadmium | 1.14E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Calcium | 2.19E+04 | | NS | NS | No Standard | No Standard | |
| CDC084803 | 8/21/1996 | 3.0 | Chromium | 5.19E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC084803 | 8/21/1996 | 3.0 | Cobalt | 8.40E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Copper | 3.27E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC084803 | 8/21/1996 | 3.0 | HMX | 5.36E-01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Iron | 2.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC084803 | 8/21/1996 | 3.0 | Lead | 4.50E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | YES |
| CDC084803 | 8/21/1996 | 3.0 | Magnesium | 1.48E+04 | | NS | NS | No Standard | No Standard | |
| CDC084803 | 8/21/1996 | 3.0 | Manganese | 3.80E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Mercury | 8.52E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Molybdenum | 2.28E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Nickel | 6.69E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Potassium | 3.20E+03 | | NS | NS | No Standard | No Standard | |
| CDC084803 | 8/21/1996 | 3.0 | Silver | 3.48E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Sodium | 3.20E+03 | | NS | NS | No Standard | No Standard | |
| CDC084803 | 8/21/1996 | 3.0 | Vanadium | 7.13E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC084803 | 8/21/1996 | 3.0 | Zinc | 2.17E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Aluminum | 1.03E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Arsenic | 1.88E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Barium | 1.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Beryllium | 5.25E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Calcium | 1.37E+04 | | NS | NS | No Standard | No Standard | |
| CDC084905 | 8/21/1996 | 5.0 | Chromium | 8.35E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC084905 | 8/21/1996 | 5.0 | Cobalt | 4.13E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Copper | 4.89E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Iron | 9.33E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Lead | 7.18E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Magnesium | 2.88E+03 | | NS | NS | No Standard | No Standard | |
| CDC084905 | 8/21/1996 | 5.0 | Manganese | 2.21E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Mercury | 3.99E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Nickel | 5.50E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Potassium | 2.08E+03 | | NS | NS | No Standard | No Standard | |
| CDC084905 | 8/21/1996 | 5.0 | Silver | 4.64E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Sodium | 6.59E+01 | J | NS | NS | No Standard | No Standard | |
| CDC084905 | 8/21/1996 | 5.0 | Vanadium | 1.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC084905 | 8/21/1996 | 5.0 | Zinc | 1.84E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Aluminum | 2.89E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Arsenic | 3.29E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Barium | 3.92E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Beryllium | 8.95E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Calcium | 5.40E+04 | | NS | NS | No Standard | No Standard | |
| CDC106405 | 8/21/1996 | 5.0 | Chromium | 1.99E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC106405 | 8/21/1996 | 5.0 | Cobalt | 7.48E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Copper | 5.29E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Iron | 1.89E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Lead | 9.14E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Magnesium | 1.16E+04 | | NS | NS | No Standard | No Standard | |
| CDC106405 | 8/21/1996 | 5.0 | Manganese | 4.78E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Mercury | 3.30E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC106405 | 8/21/1996 | 5.0 | Nickel | 1.46E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Potassium | 7.70E+03 | | NS | NS | No Standard | No Standard | |
| CDC106405 | 8/21/1996 | 5.0 | Sodium | 2.29E+03 | | NS | NS | No Standard | No Standard | |
| CDC106405 | 8/21/1996 | 5.0 | Vanadium | 3.63E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC106405 | 8/21/1996 | 5.0 | Zinc | 2.54E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | 2,4,6-Trinitrotoluene | 8.38E-01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | 4-Amino-2,6-dinitrotoluene | 7.23E-01 | J | NS | NS | No Standard | No Standard | |
| CDC107115 | 8/21/1996 | 15.0 | Aluminum | 2.36E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Arsenic | 2.01E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Barium | 3.92E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Beryllium | 7.32E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Cadmium | 7.99E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Calcium | 4.11E+04 | | NS | NS | No Standard | No Standard | |
| CDC107115 | 8/21/1996 | 15.0 | Chromium | 2.33E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC107115 | 8/21/1996 | 15.0 | Cobalt | 6.55E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Copper | 1.18E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Iron | 1.85E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Lead | 1.29E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Magnesium | 7.33E+03 | | NS | NS | No Standard | No Standard | |
| CDC107115 | 8/21/1996 | 15.0 | Manganese | 5.78E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Mercury | 3.39E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Nickel | 1.40E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Potassium | 5.24E+03 | | NS | NS | No Standard | No Standard | |
| CDC107115 | 8/21/1996 | 15.0 | Sodium | 5.64E+02 | J | NS | NS | No Standard | No Standard | |
| CDC107115 | 8/21/1996 | 15.0 | Total organic carbon | 3.15E+03 | | NS | NS | No Standard | No Standard | |
| CDC107115 | 8/21/1996 | 15.0 | Vanadium | 3.18E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC107115 | 8/21/1996 | 15.0 | Zinc | 3.28E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Aluminum | 2.17E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Arsenic | 2.27E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Barium | 2.35E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Beryllium | 5.55E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Cadmium | 1.60E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Calcium | 2.51E+04 | | NS | NS | No Standard | No Standard | |
| CDC107305 | 8/21/1996 | 5.0 | Chromium | 2.56E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC107305 | 8/21/1996 | 5.0 | Cobalt | 5.35E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Copper | 2.48E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Iron | 1.57E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Lead | 1.31E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Magnesium | 6.33E+03 | | NS | NS | No Standard | No Standard | |
| CDC107305 | 8/21/1996 | 5.0 | Manganese | 2.89E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Mercury | 3.50E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Nickel | 1.35E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Potassium | 5.46E+03 | | NS | NS | No Standard | No Standard | |
| CDC107305 | 8/21/1996 | 5.0 | Silver | 9.42E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Sodium | 4.86E+02 | J | NS | NS | No Standard | No Standard | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC107305 | 8/21/1996 | 5.0 | Vanadium | 2.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC107305 | 8/21/1996 | 5.0 | Zinc | 3.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Aluminum | 1.90E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Arsenic | 2.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Barium | 5.09E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Beryllium | 5.81E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Cadmium | 1.59E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Calcium | 2.90E+04 | | NS | NS | No Standard | No Standard | |
| CDC10WE01 | 8/22/1996 | 10.0 | Chromium | 2.48E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC10WE01 | 8/22/1996 | 10.0 | Cobalt | 5.15E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Copper | 2.54E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Iron | 1.39E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Lead | 1.20E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Magnesium | 6.37E+03 | | NS | NS | No Standard | No Standard | |
| CDC10WE01 | 8/22/1996 | 10.0 | Manganese | 3.01E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Nickel | 1.45E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Potassium | 4.98E+03 | | NS | NS | No Standard | No Standard | |
| CDC10WE01 | 8/22/1996 | 10.0 | Silver | 7.78E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Sodium | 5.97E+02 | | NS | NS | No Standard | No Standard | |
| CDC10WE01 | 8/22/1996 | 10.0 | Vanadium | 2.46E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC10WE01 | 8/22/1996 | 10.0 | Zinc | 3.04E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC8015203 | 8/20/1996 | 3.0 | Total organic carbon | 8.92E+03 | | NS | NS | No Standard | No Standard | |
| CRP1001701 | 7/30/1996 | 1.0 | Aluminum | 1.71E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Arsenic | 1.71E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Barium | 2.79E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Beryllium | 5.32E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Calcium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| CRP1001701 | 7/30/1996 | 1.0 | Chromium | 1.16E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1001701 | 7/30/1996 | 1.0 | Cobalt | 3.94E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Copper | 6.59E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Iron | 1.75E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Lead | 8.08E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Magnesium | 4.41E+03 | | NS | NS | No Standard | No Standard | |
| CRP1001701 | 7/30/1996 | 1.0 | Manganese | 3.79E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Mercury | 9.38E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Molybdenum | 2.19E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Nickel | 7.80E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Potassium | 3.57E+03 | | NS | NS | No Standard | No Standard | |
| CRP1001701 | 7/30/1996 | 1.0 | RDX | 7.17E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Sodium | 1.16E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1001701 | 7/30/1996 | 1.0 | Vanadium | 2.18E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1001701 | 7/30/1996 | 1.0 | Zinc | 3.90E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Aluminum | 1.33E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Arsenic | 3.94E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP1003105 | 9/18/1996 | 5.0 | Barium | 4.39E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1003105 | 9/18/1996 | 5.0 | Beryllium | 3.49E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Calcium | 3.82E+04 | | NS | NS | No Standard | No Standard | |
| CRP1003105 | 9/18/1996 | 5.0 | Chromium | 9.13E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1003105 | 9/18/1996 | 5.0 | Cobalt | 3.84E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Copper | 3.16E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Iron | 2.16E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Lead | 1.31E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Magnesium | 4.52E+03 | | NS | NS | No Standard | No Standard | |
| CRP1003105 | 9/18/1996 | 5.0 | Manganese | 4.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Mercury | 6.69E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Molybdenum | 2.67E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Nickel | 7.94E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Potassium | 2.70E+03 | | NS | NS | No Standard | No Standard | |
| CRP1003105 | 9/18/1996 | 5.0 | Sodium | 3.51E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1003105 | 9/18/1996 | 5.0 | Vanadium | 3.30E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1003105 | 9/18/1996 | 5.0 | Zinc | 6.02E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1003405 | 9/18/1996 | 5.0 | Total organic carbon | 8.45E+03 | | NS | NS | No Standard | No Standard | |
| CRP1010404 | 8/6/1996 | 4.0 | Aluminum | 1.60E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1010404 | 8/6/1996 | 4.0 | Arsenic | 1.40E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Barium | 1.62E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Beryllium | 4.37E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Cadmium | 7.28E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Calcium | 1.37E+04 | | NS | NS | No Standard | No Standard | |
| CRP1010404 | 8/6/1996 | 4.0 | Chromium | 1.29E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1010404 | 8/6/1996 | 4.0 | Cobalt | 3.12E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Copper | 3.90E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | HMX | 2.46E+01 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Iron | 1.23E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Lead | 2.67E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Magnesium | 3.95E+03 | | NS | NS | No Standard | No Standard | |
| CRP1010404 | 8/6/1996 | 4.0 | Manganese | 2.81E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Molybdenum | 3.15E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Nickel | 8.13E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Potassium | 2.76E+03 | | NS | NS | No Standard | No Standard | |
| CRP1010404 | 8/6/1996 | 4.0 | RDX | 1.04E+02 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | YES |
| CRP1010404 | 8/6/1996 | 4.0 | Selenium | 1.40E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Sodium | 7.28E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1010404 | 8/6/1996 | 4.0 | Vanadium | 3.66E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1010404 | 8/6/1996 | 4.0 | Zinc | 4.50E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1010504 | 8/6/1996 | 4.0 | Total organic carbon | 1.36E+04 | | NS | NS | No Standard | No Standard | |
| CRP1020202 | 8/7/1996 | 2.0 | 1,3,5-Trinitrobenzene | 2.11E+02 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP1020202 | 8/7/1996 | 2.0 | 2,4,6-Trinitrotoluene | 1.81E+04 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| CRP1020202 | 8/7/1996 | 2.0 | 2,4-Dinitrotoluene | 3.84E+01 | | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | 2-Amino-4,6-dinitrotoluene | 3.67E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1020202 | 8/7/1996 | 2.0 | Aluminum | 2.75E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1020202 | 8/7/1996 | 2.0 | Arsenic | 1.45E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Barium | 2.67E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Beryllium | 9.47E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Cadmium | 2.98E+00 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Calcium | 2.03E+04 | J | NS | NS | No Standard | No Standard | |
| CRP1020202 | 8/7/1996 | 2.0 | Chromium | 1.63E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1020202 | 8/7/1996 | 2.0 | Cobalt | 6.95E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Copper | 1.20E+01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | HMX | 2.92E+03 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Iron | 1.72E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Lead | 1.13E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Magnesium | 7.59E+03 | J | NS | NS | No Standard | No Standard | |
| CRP1020202 | 8/7/1996 | 2.0 | Manganese | 3.45E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Molybdenum | 3.21E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Nickel | 9.26E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Potassium | 5.00E+03 | J | NS | NS | No Standard | No Standard | |
| CRP1020202 | 8/7/1996 | 2.0 | RDX | 1.60E+04 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | YES |
| CRP1020202 | 8/7/1996 | 2.0 | Sodium | 2.12E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1020202 | 8/7/1996 | 2.0 | Vanadium | 3.00E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1020202 | 8/7/1996 | 2.0 | Zinc | 4.93E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Aluminum | 5.20E+05 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Aluminum | 5.90E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Arsenic | 4.06E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Arsenic | 1.11E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Barium | 2.20E+01 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Barium | 1.46E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Beryllium | 1.22E-01 | DJ | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Calcium | 9.56E+02 | D | NS | NS | No Standard | No Standard | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Calcium | 7.40E+02 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Chromium | 6.14E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Chromium | 5.10E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Copper | 7.49E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Copper | 6.60E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | HMX | 3.34E-01 | DJ | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | HMX | 9.36E-01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Iron | 8.00E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Iron | 3.51E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Lead | 2.56E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Lead | 2.70E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Magnesium | 5.36E+02 | D | NS | NS | No Standard | No Standard | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Magnesium | 3.39E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Manganese | 6.16E+01 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Manganese | 3.64E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Molybdenum | 5.49E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Nickel | 9.66E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1DRUM01 | 10/24/1996 | 0.0 | Potassium | 6.28E+02 | D | NS | NS | No Standard | No Standard | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Potassium | 4.31E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | RDX | 3.64E+00 | D | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | RDX | 6.20E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Selenium | 7.04E-01 | D | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Selenium | 7.72E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Sodium | 4.19E+01 | DJ | NS | NS | No Standard | No Standard | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Vanadium | 6.08E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Vanadium | 6.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Zinc | 2.17E+02 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM01 | 10/24/1996 | 0.0 | Zinc | 1.41E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM02 | 10/24/1996 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.11E-01 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM02 | 10/24/1996 | 0.0 | Aluminum | 3.70E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM02 | 10/24/1996 | 0.0 | Calcium | 2.69E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM02 | 10/24/1996 | 0.0 | Chromium | 1.88E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM02 | 10/24/1996 | 0.0 | Copper | 1.13E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM02 | 10/24/1996 | 0.0 | Iron | 1.03E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM02 | 10/24/1996 | 0.0 | Lead | 3.13E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM02 | 10/24/1996 | 0.0 | Magnesium | 1.12E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM02 | 10/24/1996 | 0.0 | Manganese | 5.18E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM02 | 10/24/1996 | 0.0 | Selenium | 7.07E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM02 | 10/24/1996 | 0.0 | Vanadium | 3.55E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM02 | 10/24/1996 | 0.0 | Zinc | 3.77E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Aluminum | 5.80E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Arsenic | 5.10E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Calcium | 2.16E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Chromium | 1.43E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Copper | 1.70E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Iron | 5.89E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Lead | 2.63E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Magnesium | 1.10E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Manganese | 4.49E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | RDX | 1.98E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Selenium | 8.77E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Sodium | 3.41E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Vanadium | 6.87E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM03 | 10/24/1996 | 0.0 | Zinc | 3.92E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM04 | 10/24/1996 | 0.0 | Aluminum | 7.90E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM04 | 10/24/1996 | 0.0 | Chromium | 1.26E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM04 | 10/24/1996 | 0.0 | Copper | 8.23E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM04 | 10/24/1996 | 0.0 | HMX | 1.34E-01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1DRUM04 | 10/24/1996 | 0.0 | Iron | 1.88E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM04 | 10/24/1996 | 0.0 | Lead | 1.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM04 | 10/24/1996 | 0.0 | Manganese | 3.44E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM04 | 10/24/1996 | 0.0 | Nickel | 2.54E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1DRUM04 | 10/24/1996 | 0.0 | RDX | 1.84E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1DRUM04 | 10/24/1996 | 0.0 | Selenium | 1.86E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM04 | 10/24/1996 | 0.0 | Sodium | 3.88E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM04 | 10/24/1996 | 0.0 | Vanadium | 1.20E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CRP1DRUM04 | 10/24/1996 | 0.0 | Zinc | 6.06E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | 2,4-Dinitrotoluene | 3.49E-01 | J | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Aluminum | 3.80E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Arsenic | 3.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Barium | 5.73E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Beryllium | 2.12E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Cadmium | 3.90E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Calcium | 2.58E+03 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Chromium | 2.38E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Copper | 3.95E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | HMX | 9.47E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Iron | 1.45E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Lead | 1.50E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Magnesium | 1.19E+03 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Manganese | 1.49E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Potassium | 8.34E+02 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | RDX | 2.77E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Selenium | 5.45E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Sodium | 5.02E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Vanadium | 3.24E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM05 | 10/24/1996 | 0.0 | Zinc | 2.87E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | 1,3,5-Trinitrobenzene | 1.63E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Aluminum | 5.00E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Arsenic | 1.18E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Barium | 6.18E+00 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Beryllium | 8.07E-02 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Calcium | 4.12E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Chromium | 5.05E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Copper | 3.44E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | HMX | 1.66E+01 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Iron | 1.38E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Lead | 5.50E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Magnesium | 1.29E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Manganese | 1.89E+01 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | RDX | 2.12E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Selenium | 1.16E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Sodium | 4.70E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Vanadium | 5.54E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM06 | 10/24/1996 | 0.0 | Zinc | 1.23E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | 1,3,5-Trinitrobenzene | 3.77E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | 2,4,6-Trinitrotoluene | 3.76E-01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |

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***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1DRUM07 | 10/24/1996 | 0.0 | Aluminum | 4.50E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Barium | 4.82E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Beryllium | 1.80E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Cadmium | 3.50E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Calcium | 2.05E+03 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Chromium | 5.81E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Copper | 7.92E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | HMX | 1.98E+01 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Iron | 8.46E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Lead | 7.43E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Magnesium | 9.93E+02 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Manganese | 1.44E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Molybdenum | 4.03E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Nickel | 2.20E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Potassium | 6.35E+02 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | RDX | 7.96E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | YES |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Sodium | 7.13E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Vanadium | 4.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM07 | 10/24/1996 | 0.0 | Zinc | 2.06E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Aluminum | 6.70E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Arsenic | 7.23E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Beryllium | 9.30E-02 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Calcium | 4.13E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Chromium | 9.16E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Copper | 2.70E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | HMX | 1.84E+01 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Iron | 1.98E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Lead | 4.20E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Magnesium | 1.22E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Manganese | 4.57E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Molybdenum | 4.21E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Nickel | 1.04E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | RDX | 1.69E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Selenium | 1.99E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Vanadium | 4.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM08 | 10/24/1996 | 0.0 | Zinc | 4.04E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | 2,4,6-Trinitrotoluene | 1.77E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Aluminum | 4.90E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Arsenic | 2.40E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Beryllium | 7.90E-02 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Calcium | 3.78E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Chromium | 1.29E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Copper | 1.65E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | HMX | 2.74E+01 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Iron | 1.33E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

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***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1DRUM09 | 10/24/1996 | 0.0 | Lead | 1.90E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Magnesium | 9.97E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Manganese | 3.59E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Potassium | 1.70E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | RDX | 7.19E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | YES |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Selenium | 9.40E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Sodium | 4.62E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Vanadium | 2.70E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM09 | 10/24/1996 | 0.0 | Zinc | 1.19E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | 2,4,6-Trinitrotoluene | 4.26E-01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Aluminum | 6.80E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Arsenic | 1.49E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Barium | 2.47E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Beryllium | 1.52E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Calcium | 1.51E+03 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Chromium | 3.52E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Copper | 4.13E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | HMX | 3.04E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Iron | 5.15E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Lead | 6.40E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Magnesium | 5.39E+02 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Manganese | 8.86E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Nickel | 2.09E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Potassium | 3.95E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | RDX | 5.52E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Selenium | 1.02E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Sodium | 8.73E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Vanadium | 4.27E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM10 | 10/24/1996 | 0.0 | Zinc | 7.91E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Aluminum | 5.90E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Barium | 6.40E+00 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Beryllium | 1.08E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Cadmium | 4.80E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Calcium | 9.34E+02 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Chromium | 7.27E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Copper | 1.05E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Iron | 1.57E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Lead | 1.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Magnesium | 4.24E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Manganese | 2.93E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | RDX | 1.07E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Selenium | 1.20E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Vanadium | 5.48E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM11 | 10/24/1996 | 0.0 | Zinc | 2.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.42E-01 | J | NS | NS | No Standard | No Standard | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1DRUM12 | 10/24/1996 | 0.0 | Aluminum | 4.30E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Barium | 5.50E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Beryllium | 2.05E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Cadmium | 9.95E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Calcium | 3.92E+03 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Chromium | 1.28E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Copper | 1.44E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | HMX | 2.87E+01 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Iron | 6.11E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Lead | 4.50E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Magnesium | 1.29E+03 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Manganese | 9.47E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Potassium | 8.97E+02 | | NS | NS | No Standard | No Standard | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | RDX | 8.41E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | YES |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Selenium | 1.29E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Sodium | 4.62E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Vanadium | 5.12E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1DRUM12 | 10/24/1996 | 0.0 | Zinc | 1.67E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP2010501 | 8/5/1996 | 1.0 | Aluminum | 2.20E+05 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP2010501 | 8/5/1996 | 1.0 | Antimony | 8.92E+01 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| CRP2010501 | 8/5/1996 | 1.0 | Arsenic | 5.04E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP2010501 | 8/5/1996 | 1.0 | Barium | 4.92E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP2010501 | 8/5/1996 | 1.0 | Beryllium | 2.38E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP2010501 | 8/5/1996 | 1.0 | Cadmium | 6.00E+02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| CRP2010501 | 8/5/1996 | 1.0 | Calcium | 6.24E+03 | J | NS | NS | No Standard | No Standard | |
| CRP2010501 | 8/5/1996 | 1.0 | Chromium | 1.00E+02 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP2010501 | 8/5/1996 | 1.0 | Cobalt | 1.30E+01 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP2010501 | 8/5/1996 | 1.0 | Copper | 3.10E+04 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | YES |
| CRP2010501 | 8/5/1996 | 1.0 | Iron | 6.30E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP2010501 | 8/5/1996 | 1.0 | Lead | 5.70E+03 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | YES |
| CRP2010501 | 8/5/1996 | 1.0 | Magnesium | 2.33E+03 | J | NS | NS | No Standard | No Standard | |
| CRP2010501 | 8/5/1996 | 1.0 | Manganese | 1.80E+03 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP2010501 | 8/5/1996 | 1.0 | Molybdenum | 7.80E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP2010501 | 8/5/1996 | 1.0 | Nickel | 1.80E+03 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | YES |
| CRP2010501 | 8/5/1996 | 1.0 | Potassium | 3.66E+03 | J | NS | NS | No Standard | No Standard | |
| CRP2010501 | 8/5/1996 | 1.0 | Selenium | 6.58E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP2010501 | 8/5/1996 | 1.0 | Silver | 8.01E+01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP2010501 | 8/5/1996 | 1.0 | Sodium | 5.49E+01 | J | NS | NS | No Standard | No Standard | |
| CRP2010501 | 8/5/1996 | 1.0 | Vanadium | 2.40E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP2010501 | 8/5/1996 | 1.0 | Zinc | 4.20E+04 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | YES |
| CRP2015003 | 8/24/1996 | 3.0 | Total organic carbon | 5.94E+03 | | NS | NS | No Standard | No Standard | |
| CRP3010606 | 8/2/1996 | 6.0 | 1,3,5-Trinitrobenzene | 8.61E-01 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP3010606 | 8/2/1996 | 6.0 | 2,4,6-Trinitrotoluene | 3.73E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| CRP3010606 | 8/2/1996 | 6.0 | Aluminum | 5.83E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Antimony | 9.66E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP3010606 | 8/2/1996 | 6.0 | Arsenic | 1.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Barium | 4.38E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Beryllium | 1.09E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Cadmium | 1.65E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Calcium | 3.37E+04 | | NS | NS | No Standard | No Standard | |
| CRP3010606 | 8/2/1996 | 6.0 | Chromium | 8.14E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP3010606 | 8/2/1996 | 6.0 | Cobalt | 1.28E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Copper | 1.56E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Iron | 3.52E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP3010606 | 8/2/1996 | 6.0 | Lead | 3.80E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Magnesium | 2.06E+04 | | NS | NS | No Standard | No Standard | |
| CRP3010606 | 8/2/1996 | 6.0 | Manganese | 7.41E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Mercury | 3.90E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Molybdenum | 7.59E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Nickel | 1.02E+02 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Potassium | 6.87E+03 | | NS | NS | No Standard | No Standard | |
| CRP3010606 | 8/2/1996 | 6.0 | Silver | 2.92E+01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Sodium | 1.00E+03 | | NS | NS | No Standard | No Standard | |
| CRP3010606 | 8/2/1996 | 6.0 | Vanadium | 6.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP3010606 | 8/2/1996 | 6.0 | Zinc | 5.10E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP3010706 | 8/2/1996 | 6.0 | Total organic carbon | 8.43E+03 | | NS | NS | No Standard | No Standard | |
| CRP3020202 | 8/3/1996 | 2.0 | 1,3,5-Trinitrobenzene | 1.52E+00 | D | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP3020202 | 8/3/1996 | 2.0 | 1,3,5-Trinitrobenzene | 4.09E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP3020202 | 8/3/1996 | 2.0 | 2,4,6-Trinitrotoluene | 2.08E+01 | D | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | 2,4,6-Trinitrotoluene | 3.99E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | 2-Amino-4,6-dinitrotoluene | 6.39E-01 | J | NS | NS | No Standard | No Standard | |
| CRP3020202 | 8/3/1996 | 2.0 | 4-Amino-2,6-dinitrotoluene | 1.41E+00 | | NS | NS | No Standard | No Standard | |
| CRP3020202 | 8/3/1996 | 2.0 | Aluminum | 3.10E+05 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Aluminum | 1.60E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Antimony | 3.07E+01 | D | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Antimony | 7.27E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Arsenic | 3.59E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Arsenic | 2.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Barium | 2.30E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Barium | 2.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Beryllium | 4.77E-01 | DJ | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Beryllium | 8.11E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Cadmium | 3.50E+02 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Cadmium | 1.90E+02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Calcium | 7.69E+03 | D | NS | NS | No Standard | No Standard | |
| CRP3020202 | 8/3/1996 | 2.0 | Calcium | 1.42E+04 | | NS | NS | No Standard | No Standard | |
| CRP3020202 | 8/3/1996 | 2.0 | Chromium | 6.47E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP3020202 | 8/3/1996 | 2.0 | Chromium | 1.40E+02 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP3020202 | 8/3/1996 | 2.0 | Cobalt | 5.82E+00 | DJ | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Cobalt | 7.49E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP3020202 | 8/3/1996 | 2.0 | Copper | 1.50E+04 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Copper | 2.10E+04 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Iron | 7.70E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Iron | 3.43E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Lead | 2.70E+03 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Lead | 3.90E+03 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Lithium | 3.53E+00 | D | NS | 1.56E+03 | 1.56E+03 | Proposed | |
| CRP3020202 | 8/3/1996 | 2.0 | Lithium | 1.04E+01 | | NS | 1.56E+03 | 1.56E+03 | Proposed | |
| CRP3020202 | 8/3/1996 | 2.0 | Magnesium | 7.89E+03 | D | NS | NS | No Standard | No Standard | |
| CRP3020202 | 8/3/1996 | 2.0 | Magnesium | 7.34E+03 | | NS | NS | No Standard | No Standard | |
| CRP3020202 | 8/3/1996 | 2.0 | Manganese | 1.64E+03 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Manganese | 1.10E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Mercury | 2.90E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Molybdenum | 8.05E+00 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Molybdenum | 1.98E+01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Nickel | 7.66E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Nickel | 8.86E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Potassium | 2.08E+03 | D | NS | NS | No Standard | No Standard | |
| CRP3020202 | 8/3/1996 | 2.0 | Potassium | 3.98E+03 | | NS | NS | No Standard | No Standard | |
| CRP3020202 | 8/3/1996 | 2.0 | Silver | 1.06E+01 | D | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Silver | 3.90E+01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Sodium | 2.98E+02 | DJ | NS | NS | No Standard | No Standard | |
| CRP3020202 | 8/3/1996 | 2.0 | Sodium | 1.70E+02 | J | NS | NS | No Standard | No Standard | |
| CRP3020202 | 8/3/1996 | 2.0 | Vanadium | 4.31E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Vanadium | 2.66E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP3020202 | 8/3/1996 | 2.0 | Zinc | 2.50E+04 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | YES |
| CRP3020202 | 8/3/1996 | 2.0 | Zinc | 4.80E+04 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | YES |
| CRP5020403 | 8/12/1996 | 3.0 | 1,3,5-Trinitrobenzene | 4.07E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP5020403 | 8/12/1996 | 3.0 | 2,4,6-Trinitrotoluene | 3.76E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| CRP5020403 | 8/12/1996 | 3.0 | 2,4-Dinitrotoluene | 3.45E-01 | J | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | 2-Amino-4,6-dinitrotoluene | 9.64E+00 | J | NS | NS | No Standard | No Standard | |
| CRP5020403 | 8/12/1996 | 3.0 | 4-Amino-2,6-dinitrotoluene | 8.66E+00 | J | NS | NS | No Standard | No Standard | |
| CRP5020403 | 8/12/1996 | 3.0 | Aluminum | 4.40E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Arsenic | 2.04E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Barium | 8.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Beryllium | 4.57E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Cadmium | 2.21E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Calcium | 2.10E+04 | | NS | NS | No Standard | No Standard | |
| CRP5020403 | 8/12/1996 | 3.0 | Chromium | 6.23E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5020403 | 8/12/1996 | 3.0 | Copper | 9.65E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | HMX | 1.82E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Iron | 1.56E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Lead | 3.60E+03 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | YES |
| CRP5020403 | 8/12/1996 | 3.0 | Magnesium | 5.42E+03 | | NS | NS | No Standard | No Standard | |
| CRP5020403 | 8/12/1996 | 3.0 | Manganese | 3.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP5020403 | 8/12/1996 | 3.0 | Mercury | 5.36E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Molybdenum | 1.73E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Nickel | 2.74E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Potassium | 3.31E+03 | | NS | NS | No Standard | No Standard | |
| CRP5020403 | 8/12/1996 | 3.0 | RDX | 1.93E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Silver | 1.75E+01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Sodium | 8.01E+02 | | NS | NS | No Standard | No Standard | |
| CRP5020403 | 8/12/1996 | 3.0 | Vanadium | 3.40E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5020403 | 8/12/1996 | 3.0 | Zinc | 1.96E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | 1,3,5-Trinitrobenzene | 3.16E+01 | D | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP5031102 | 8/13/1996 | 2.0 | 1,3,5-Trinitrobenzene | 1.31E+02 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP5031102 | 8/13/1996 | 2.0 | 2,4,6-Trinitrotoluene | 2.55E+03 | D | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| CRP5031102 | 8/13/1996 | 2.0 | 2,4,6-Trinitrotoluene | 6.23E+03 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| CRP5031102 | 8/13/1996 | 2.0 | 2-Amino-4,6-dinitrotoluene | 1.15E+01 | D | NS | NS | No Standard | No Standard | |
| CRP5031102 | 8/13/1996 | 2.0 | 2-Amino-4,6-dinitrotoluene | 2.08E+01 | J | NS | NS | No Standard | No Standard | |
| CRP5031102 | 8/13/1996 | 2.0 | Aluminum | 4.15E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Aluminum | 5.50E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Arsenic | 1.76E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Arsenic | 3.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Barium | 5.00E+03 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Barium | 8.50E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Beryllium | 4.03E-01 | DJ | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Beryllium | 4.87E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Cadmium | 3.93E+00 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Cadmium | 3.22E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Calcium | 1.19E+04 | D | NS | NS | No Standard | No Standard | |
| CRP5031102 | 8/13/1996 | 2.0 | Calcium | 1.63E+04 | | NS | NS | No Standard | No Standard | |
| CRP5031102 | 8/13/1996 | 2.0 | Chromium | 1.67E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5031102 | 8/13/1996 | 2.0 | Chromium | 2.47E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5031102 | 8/13/1996 | 2.0 | Cobalt | 4.06E+00 | DJ | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Cobalt | 7.07E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Copper | 1.27E+02 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Copper | 1.67E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | HMX | 5.74E+01 | D | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | HMX | 4.20E+02 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Iron | 9.91E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Iron | 2.80E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP5031102 | 8/13/1996 | 2.0 | Lead | 2.80E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Lead | 8.57E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Magnesium | 7.34E+03 | D | NS | NS | No Standard | No Standard | |
| CRP5031102 | 8/13/1996 | 2.0 | Magnesium | 1.36E+04 | | NS | NS | No Standard | No Standard | |
| CRP5031102 | 8/13/1996 | 2.0 | Manganese | 2.47E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Manganese | 3.98E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Molybdenum | 2.26E+00 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Molybdenum | 2.10E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP5031102 | 8/13/1996 | 2.0 | Nickel | 8.99E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Nickel | 1.51E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Potassium | 2.74E+03 | D | NS | NS | No Standard | No Standard | |
| CRP5031102 | 8/13/1996 | 2.0 | Potassium | 3.70E+03 | | NS | NS | No Standard | No Standard | |
| CRP5031102 | 8/13/1996 | 2.0 | RDX | 2.77E+02 | D | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | YES |
| CRP5031102 | 8/13/1996 | 2.0 | RDX | 2.83E+03 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | YES |
| CRP5031102 | 8/13/1996 | 2.0 | Sodium | 8.93E+01 | DJ | NS | NS | No Standard | No Standard | |
| CRP5031102 | 8/13/1996 | 2.0 | Sodium | 1.57E+02 | J | NS | NS | No Standard | No Standard | |
| CRP5031102 | 8/13/1996 | 2.0 | Thallium | 1.90E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Total organic carbon | 5.00E+03 | | NS | NS | No Standard | No Standard | |
| CRP5031102 | 8/13/1996 | 2.0 | Vanadium | 1.82E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Vanadium | 2.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Zinc | 1.91E+02 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5031102 | 8/13/1996 | 2.0 | Zinc | 5.92E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Aluminum | 1.11E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Arsenic | 1.20E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Barium | 1.15E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Beryllium | 3.39E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Cadmium | 9.90E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Calcium | 1.09E+04 | | NS | NS | No Standard | No Standard | |
| CRP5031202 | 8/13/1996 | 2.0 | Chromium | 6.92E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5031202 | 8/13/1996 | 2.0 | Cobalt | 2.82E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Copper | 2.97E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Iron | 7.99E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Lead | 4.77E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Magnesium | 2.57E+03 | | NS | NS | No Standard | No Standard | |
| CRP5031202 | 8/13/1996 | 2.0 | Manganese | 1.75E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Nickel | 6.05E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Potassium | 2.52E+03 | | NS | NS | No Standard | No Standard | |
| CRP5031202 | 8/13/1996 | 2.0 | Sodium | 4.86E+01 | J | NS | NS | No Standard | No Standard | |
| CRP5031202 | 8/13/1996 | 2.0 | Vanadium | 1.79E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5031202 | 8/13/1996 | 2.0 | Zinc | 1.24E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5120103 | 9/3/1996 | 3.0 | Total organic carbon | 2.10E+04 | | NS | NS | No Standard | No Standard | |
| CRP512EW | 9/5/1996 | 3.0 | 1,3,5-Trinitrobenzene | 2.46E+01 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP512EW | 9/5/1996 | 3.0 | 2,4,6-Trinitrotoluene | 7.40E+02 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| CRP512EW | 9/5/1996 | 3.0 | 2,4-Dinitrotoluene | 8.77E-01 | | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | 2-Amino-4,6-dinitrotoluene | 4.68E+00 | J | NS | NS | No Standard | No Standard | |
| CRP512EW | 9/5/1996 | 3.0 | Aluminum | 5.20E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Arsenic | 1.29E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Barium | 3.20E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Beryllium | 5.78E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Cadmium | 4.90E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Calcium | 2.49E+04 | | NS | NS | No Standard | No Standard | |
| CRP512EW | 9/5/1996 | 3.0 | Chromium | 1.61E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP512EW | 9/5/1996 | 3.0 | Cobalt | 5.95E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP512EW | 9/5/1996 | 3.0 | Copper | 9.98E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | HMX | 1.15E+02 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Iron | 1.28E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Lead | 6.04E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Magnesium | 7.75E+03 | | NS | NS | No Standard | No Standard | |
| CRP512EW | 9/5/1996 | 3.0 | Manganese | 3.11E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Molybdenum | 2.86E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Nickel | 9.85E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Potassium | 4.11E+03 | | NS | NS | No Standard | No Standard | |
| CRP512EW | 9/5/1996 | 3.0 | RDX | 6.74E+02 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | YES |
| CRP512EW | 9/5/1996 | 3.0 | Sodium | 1.31E+02 | J | NS | NS | No Standard | No Standard | |
| CRP512EW | 9/5/1996 | 3.0 | Thallium | 7.74E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Vanadium | 4.10E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP512EW | 9/5/1996 | 3.0 | Zinc | 2.93E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | 4-Amino-2,6-dinitrotoluene | 2.85E-01 | J | NS | NS | No Standard | No Standard | |
| CRP60115 | 9/16/1996 | 3.0 | Aluminum | 1.20E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP60115 | 9/16/1996 | 3.0 | Antimony | 7.36E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Arsenic | 1.50E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Barium | 1.80E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Beryllium | 3.40E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Cadmium | 2.56E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Calcium | 1.25E+04 | | NS | NS | No Standard | No Standard | |
| CRP60115 | 9/16/1996 | 3.0 | Chromium | 2.62E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP60115 | 9/16/1996 | 3.0 | Cobalt | 2.25E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Copper | 4.20E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | YES |
| CRP60115 | 9/16/1996 | 3.0 | HMX | 1.75E-01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Iron | 1.76E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Lead | 1.50E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Magnesium | 2.36E+03 | | NS | NS | No Standard | No Standard | |
| CRP60115 | 9/16/1996 | 3.0 | Manganese | 5.55E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Mercury | 1.79E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Molybdenum | 8.10E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Nickel | 7.02E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Potassium | 1.72E+03 | | NS | NS | No Standard | No Standard | |
| CRP60115 | 9/16/1996 | 3.0 | Selenium | 6.12E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Sodium | 7.27E+01 | J | NS | NS | No Standard | No Standard | |
| CRP60115 | 9/16/1996 | 3.0 | Vanadium | 1.58E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP60115 | 9/16/1996 | 3.0 | Zinc | 7.02E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | 1,3,5-Trinitrobenzene | 2.84E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP6020401 | 8/9/1996 | 1.0 | 2,4,6-Trinitrotoluene | 3.76E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| CRP6020401 | 8/9/1996 | 1.0 | 2-Amino-4,6-dinitrotoluene | 1.77E+00 | J | NS | NS | No Standard | No Standard | |
| CRP6020401 | 8/9/1996 | 1.0 | 4-Amino-2,6-dinitrotoluene | 2.28E+00 | J | NS | NS | No Standard | No Standard | |
| CRP6020401 | 8/9/1996 | 1.0 | Aluminum | 1.62E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Arsenic | 2.55E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Barium | 2.89E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP6020401 | 8/9/1996 | 1.0 | Beryllium | 4.29E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Cadmium | 1.41E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Calcium | 1.17E+04 | | NS | NS | No Standard | No Standard | |
| CRP6020401 | 8/9/1996 | 1.0 | Chromium | 1.20E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP6020401 | 8/9/1996 | 1.0 | Cobalt | 4.39E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Copper | 5.91E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Iron | 1.25E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Lead | 9.37E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Magnesium | 3.77E+03 | | NS | NS | No Standard | No Standard | |
| CRP6020401 | 8/9/1996 | 1.0 | Manganese | 2.61E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Mercury | 1.12E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Nickel | 8.82E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Potassium | 3.42E+03 | | NS | NS | No Standard | No Standard | |
| CRP6020401 | 8/9/1996 | 1.0 | RDX | 5.44E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Vanadium | 2.14E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP6020401 | 8/9/1996 | 1.0 | Zinc | 4.39E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Aluminum | 2.06E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Arsenic | 1.69E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Barium | 2.86E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Beryllium | 3.59E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Cadmium | 6.21E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Calcium | 1.17E+03 | | NS | NS | No Standard | No Standard | |
| CRP6030104 | 8/9/1996 | 4.0 | Chromium | 1.95E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP6030104 | 8/9/1996 | 4.0 | Cobalt | 6.73E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Copper | 5.48E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Iron | 3.78E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Lead | 2.55E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Magnesium | 8.46E+02 | | NS | NS | No Standard | No Standard | |
| CRP6030104 | 8/9/1996 | 4.0 | Manganese | 9.41E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Mercury | 6.75E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Molybdenum | 2.14E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Nickel | 1.58E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Potassium | 2.25E+03 | | NS | NS | No Standard | No Standard | |
| CRP6030104 | 8/9/1996 | 4.0 | Vanadium | 1.55E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP6030104 | 8/9/1996 | 4.0 | Zinc | 7.40E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | 2,4,6-Trinitrotoluene | 1.05E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Aluminum | 1.97E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Antimony | 2.52E+02 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| CRP6040103 | 9/18/1996 | 3.0 | Arsenic | 2.09E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Barium | 3.83E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Beryllium | 1.30E+01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Cadmium | 1.21E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Calcium | 2.23E+04 | | NS | NS | No Standard | No Standard | |
| CRP6040103 | 9/18/1996 | 3.0 | Chromium | 6.44E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP6040103 | 9/18/1996 | 3.0 | Cobalt | 1.32E+02 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP6040103 | 9/18/1996 | 3.0 | Copper | 1.36E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Iron | 4.16E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP6040103 | 9/18/1996 | 3.0 | Lead | 2.40E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Magnesium | 4.65E+03 | | NS | NS | No Standard | No Standard | |
| CRP6040103 | 9/18/1996 | 3.0 | Manganese | 5.33E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Mercury | 7.60E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Molybdenum | 2.64E+02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Nickel | 1.18E+02 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Potassium | 1.10E+04 | | NS | NS | No Standard | No Standard | |
| CRP6040103 | 9/18/1996 | 3.0 | RDX | 3.69E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Selenium | 7.03E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Silver | 4.72E+01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP6040103 | 9/18/1996 | 3.0 | Sodium | 1.30E+03 | | NS | NS | No Standard | No Standard | |
| CRP6040103 | 9/18/1996 | 3.0 | Vanadium | 1.51E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CRP6040103 | 9/18/1996 | 3.0 | Zinc | 4.40E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7010302 | 9/11/1996 | 2.0 | Total organic carbon | 3.15E+03 | | NS | NS | No Standard | No Standard | |
| CRP7010405 | 9/11/1996 | 5.0 | Total organic carbon | 7.01E+04 | | NS | NS | No Standard | No Standard | |
| CRP70105 | 9/11/1996 | 4.0 | Aluminum | 6.40E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Arsenic | 3.16E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Barium | 2.55E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Beryllium | 3.59E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Cadmium | 3.53E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Calcium | 1.05E+04 | | NS | NS | No Standard | No Standard | |
| CRP70105 | 9/11/1996 | 4.0 | Chromium | 2.97E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP70105 | 9/11/1996 | 4.0 | Cobalt | 3.98E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Copper | 2.40E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | HMX | 1.39E+01 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Iron | 3.23E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP70105 | 9/11/1996 | 4.0 | Lead | 8.37E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Magnesium | 2.76E+03 | | NS | NS | No Standard | No Standard | |
| CRP70105 | 9/11/1996 | 4.0 | Manganese | 5.49E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Mercury | 1.18E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Molybdenum | 3.56E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Nickel | 4.99E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Potassium | 1.88E+03 | | NS | NS | No Standard | No Standard | |
| CRP70105 | 9/11/1996 | 4.0 | RDX | 1.89E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Sodium | 1.18E+02 | J | NS | NS | No Standard | No Standard | |
| CRP70105 | 9/11/1996 | 4.0 | Tetryl | 9.29E-01 | J | NS | 2.44E+02 | 2.44E+02 | Proposed | |
| CRP70105 | 9/11/1996 | 4.0 | Thallium | 1.19E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Vanadium | 1.63E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP70105 | 9/11/1996 | 4.0 | Zinc | 4.16E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | 1,3,5-Trinitrobenzene | 4.95E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP70202 | 9/13/1996 | 4.0 | Aluminum | 2.83E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Antimony | 9.17E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Arsenic | 8.69E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP70202 | 9/13/1996 | 4.0 | Barium | 1.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Beryllium | 3.74E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Cadmium | 2.18E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Calcium | 1.11E+04 | | NS | NS | No Standard | No Standard | |
| CRP70202 | 9/13/1996 | 4.0 | Chromium | 3.58E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP70202 | 9/13/1996 | 4.0 | Cobalt | 6.38E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Copper | 7.30E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Iron | 5.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP70202 | 9/13/1996 | 4.0 | Lead | 3.53E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Magnesium | 3.61E+03 | | NS | NS | No Standard | No Standard | |
| CRP70202 | 9/13/1996 | 4.0 | Manganese | 5.09E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Mercury | 7.16E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Molybdenum | 1.10E+01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Nickel | 7.32E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Potassium | 3.16E+03 | | NS | NS | No Standard | No Standard | |
| CRP70202 | 9/13/1996 | 4.0 | Selenium | 4.87E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Sodium | 2.13E+02 | J | NS | NS | No Standard | No Standard | |
| CRP70202 | 9/13/1996 | 4.0 | Thallium | 1.02E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Vanadium | 1.97E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP70202 | 9/13/1996 | 4.0 | Zinc | 3.19E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | 1,3,5-Trinitrobenzene | 1.47E+01 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP70404 | 9/16/1996 | 2.0 | 2,4,6-Trinitrotoluene | 2.92E+02 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| CRP70404 | 9/16/1996 | 2.0 | 2,4-Dinitrotoluene | 5.64E-01 | | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | 2-Amino-4,6-dinitrotoluene | 2.16E+00 | J | NS | NS | No Standard | No Standard | |
| CRP70404 | 9/16/1996 | 2.0 | Aluminum | 3.30E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Arsenic | 1.95E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP70404 | 9/16/1996 | 2.0 | Barium | 7.68E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Beryllium | 3.07E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Cadmium | 2.76E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Calcium | 1.54E+03 | | NS | NS | No Standard | No Standard | |
| CRP70404 | 9/16/1996 | 2.0 | Chromium | 5.92E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP70404 | 9/16/1996 | 2.0 | Cobalt | 1.54E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Copper | 5.21E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Iron | 9.61E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Lead | 2.00E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Magnesium | 2.37E+03 | | NS | NS | No Standard | No Standard | |
| CRP70404 | 9/16/1996 | 2.0 | Manganese | 8.67E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Mercury | 5.08E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Molybdenum | 4.06E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Nickel | 5.23E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Potassium | 2.48E+03 | | NS | NS | No Standard | No Standard | |
| CRP70404 | 9/16/1996 | 2.0 | RDX | 4.30E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Sodium | 2.87E+01 | J | NS | NS | No Standard | No Standard | |
| CRP70404 | 9/16/1996 | 2.0 | Vanadium | 6.49E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP70404 | 9/16/1996 | 2.0 | Zinc | 8.99E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP7040502 | 9/16/1996 | 2.0 | Total organic carbon | 2.67E+04 | | NS | NS | No Standard | No Standard | |
| CRP70504 | 9/16/1996 | 4.0 | 1,3,5-Trinitrobenzene | 6.98E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP70504 | 9/16/1996 | 4.0 | 2,4,6-Trinitrotoluene | 1.57E+02 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| CRP70504 | 9/16/1996 | 4.0 | 2-Amino-4,6-dinitrotoluene | 7.29E-01 | J | NS | NS | No Standard | No Standard | |
| CRP70504 | 9/16/1996 | 4.0 | Aluminum | 3.89E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Antimony | 3.52E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Arsenic | 2.89E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Barium | 3.46E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Beryllium | 5.26E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Cadmium | 1.94E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Calcium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| CRP70504 | 9/16/1996 | 4.0 | Chromium | 1.38E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP70504 | 9/16/1996 | 4.0 | Cobalt | 3.79E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Copper | 9.83E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | HMX | 3.86E-01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Iron | 1.74E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Lead | 4.50E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Magnesium | 4.00E+03 | | NS | NS | No Standard | No Standard | |
| CRP70504 | 9/16/1996 | 4.0 | Manganese | 2.84E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Mercury | 3.60E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Molybdenum | 2.35E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Nickel | 1.10E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Potassium | 3.99E+03 | | NS | NS | No Standard | No Standard | |
| CRP70504 | 9/16/1996 | 4.0 | RDX | 1.75E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Selenium | 6.39E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Sodium | 1.08E+02 | J | NS | NS | No Standard | No Standard | |
| CRP70504 | 9/16/1996 | 4.0 | Vanadium | 2.39E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP70504 | 9/16/1996 | 4.0 | Zinc | 1.71E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Aluminum | 1.22E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Arsenic | 1.49E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Barium | 1.36E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Beryllium | 2.83E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Cadmium | 3.59E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Calcium | 1.28E+04 | | NS | NS | No Standard | No Standard | |
| CRP7060204 | 9/18/1996 | 4.0 | Chromium | 2.65E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7060204 | 9/18/1996 | 4.0 | Cobalt | 3.15E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Copper | 5.53E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Iron | 9.79E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Lead | 1.08E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Magnesium | 3.83E+03 | | NS | NS | No Standard | No Standard | |
| CRP7060204 | 9/18/1996 | 4.0 | Manganese | 1.86E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Mercury | 8.13E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Molybdenum | 1.66E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Nickel | 1.69E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Potassium | 2.37E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP7060204 | 9/18/1996 | 4.0 | Sodium | 3.35E+02 | J | NS | NS | No Standard | No Standard | |
| CRP7060204 | 9/18/1996 | 4.0 | Vanadium | 1.65E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7060204 | 9/18/1996 | 4.0 | Zinc | 3.37E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7060304 | 9/18/1996 | 4.0 | Total organic carbon | 2.81E+03 | | NS | NS | No Standard | No Standard | |
| CRP7080205 | 9/18/1996 | 5.0 | Aluminum | 1.77E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Arsenic | 2.92E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Barium | 3.90E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Beryllium | 3.28E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Cadmium | 4.46E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Calcium | 2.93E+04 | | NS | NS | No Standard | No Standard | |
| CRP7080205 | 9/18/1996 | 5.0 | Chromium | 1.14E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7080205 | 9/18/1996 | 5.0 | Cobalt | 4.73E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Copper | 7.47E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Iron | 2.33E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Lead | 2.41E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Magnesium | 4.47E+03 | | NS | NS | No Standard | No Standard | |
| CRP7080205 | 9/18/1996 | 5.0 | Manganese | 4.04E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Mercury | 2.21E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Molybdenum | 4.01E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Nickel | 9.78E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Potassium | 2.35E+03 | | NS | NS | No Standard | No Standard | |
| CRP7080205 | 9/18/1996 | 5.0 | Selenium | 4.29E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Sodium | 4.01E+02 | J | NS | NS | No Standard | No Standard | |
| CRP7080205 | 9/18/1996 | 5.0 | Vanadium | 2.38E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7080205 | 9/18/1996 | 5.0 | Zinc | 2.50E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8010102 | 9/6/1996 | 2.0 | Total organic carbon | 1.14E+04 | | NS | NS | No Standard | No Standard | |
| CRP80103 | 9/9/1996 | 2.0 | 1,3,5-Trinitrobenzene | 1.15E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP80103 | 9/9/1996 | 2.0 | 2,4,6-Trinitrotoluene | 4.10E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | 2-Amino-4,6-dinitrotoluene | 1.95E-01 | J | NS | NS | No Standard | No Standard | |
| CRP80103 | 9/9/1996 | 2.0 | 4-Amino-2,6-dinitrotoluene | 4.25E-01 | J | NS | NS | No Standard | No Standard | |
| CRP80103 | 9/9/1996 | 2.0 | Aluminum | 2.31E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Antimony | 1.12E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Arsenic | 1.73E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP80103 | 9/9/1996 | 2.0 | Barium | 4.14E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Beryllium | 5.57E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Cadmium | 2.32E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Calcium | 1.85E+04 | | NS | NS | No Standard | No Standard | |
| CRP80103 | 9/9/1996 | 2.0 | Chromium | 3.27E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP80103 | 9/9/1996 | 2.0 | Cobalt | 1.39E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Copper | 4.33E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | HMX | 1.60E+01 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Iron | 1.00E+05 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP80103 | 9/9/1996 | 2.0 | Lead | 9.68E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Magnesium | 5.36E+03 | | NS | NS | No Standard | No Standard | |
| CRP80103 | 9/9/1996 | 2.0 | Manganese | 6.83E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP80103 | 9/9/1996 | 2.0 | Mercury | 2.64E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Molybdenum | 2.76E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Nickel | 5.50E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Potassium | 4.38E+03 | | NS | NS | No Standard | No Standard | |
| CRP80103 | 9/9/1996 | 2.0 | RDX | 1.67E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Sodium | 1.83E+02 | J | NS | NS | No Standard | No Standard | |
| CRP80103 | 9/9/1996 | 2.0 | Thallium | 5.91E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | YES |
| CRP80103 | 9/9/1996 | 2.0 | Vanadium | 2.01E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP80103 | 9/9/1996 | 2.0 | Zinc | 4.74E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | 2,4,6-Trinitrotoluene | 8.26E-01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Aluminum | 2.29E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Antimony | 8.62E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Arsenic | 2.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Barium | 3.19E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Beryllium | 6.98E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Cadmium | 1.24E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Calcium | 1.42E+04 | | NS | NS | No Standard | No Standard | |
| CRP80201 | 9/10/1996 | 4.0 | Chromium | 3.49E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP80201 | 9/10/1996 | 4.0 | Cobalt | 7.97E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Copper | 1.04E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | HMX | 7.77E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Iron | 3.88E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP80201 | 9/10/1996 | 4.0 | Lead | 1.30E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Magnesium | 5.99E+03 | | NS | NS | No Standard | No Standard | |
| CRP80201 | 9/10/1996 | 4.0 | Manganese | 6.81E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Mercury | 1.54E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Nickel | 2.51E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Potassium | 4.12E+03 | | NS | NS | No Standard | No Standard | |
| CRP80201 | 9/10/1996 | 4.0 | RDX | 1.58E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Sodium | 1.22E+02 | J | NS | NS | No Standard | No Standard | |
| CRP80201 | 9/10/1996 | 4.0 | Thallium | 3.98E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Vanadium | 2.59E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP80201 | 9/10/1996 | 4.0 | Zinc | 3.22E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | 1,3,5-Trinitrobenzene | 1.35E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP80303 | 9/11/1996 | 3.0 | 2,4,6-Trinitrotoluene | 1.48E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | 2-Amino-4,6-dinitrotoluene | 5.78E-01 | J | NS | NS | No Standard | No Standard | |
| CRP80303 | 9/11/1996 | 3.0 | 4-Amino-2,6-dinitrotoluene | 4.89E-01 | J | NS | NS | No Standard | No Standard | |
| CRP80303 | 9/11/1996 | 3.0 | Aluminum | 1.49E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Antimony | 1.11E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Arsenic | 4.04E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP80303 | 9/11/1996 | 3.0 | Barium | 8.08E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Beryllium | 4.48E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Cadmium | 1.74E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Calcium | 1.63E+04 | | NS | NS | No Standard | No Standard | |
| CRP80303 | 9/11/1996 | 3.0 | Chromium | 3.72E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP80303 | 9/11/1996 | 3.0 | Cobalt | 7.59E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Copper | 1.44E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | HMX | 1.30E+02 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Iron | 4.80E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP80303 | 9/11/1996 | 3.0 | Lead | 6.00E+03 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | YES |
| CRP80303 | 9/11/1996 | 3.0 | Magnesium | 5.70E+03 | | NS | NS | No Standard | No Standard | |
| CRP80303 | 9/11/1996 | 3.0 | Manganese | 6.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Mercury | 1.48E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Molybdenum | 5.56E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Nickel | 3.14E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Potassium | 3.34E+03 | | NS | NS | No Standard | No Standard | |
| CRP80303 | 9/11/1996 | 3.0 | RDX | 5.76E+02 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | YES |
| CRP80303 | 9/11/1996 | 3.0 | Sodium | 4.13E+02 | J | NS | NS | No Standard | No Standard | |
| CRP80303 | 9/11/1996 | 3.0 | Thallium | 2.70E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Vanadium | 1.93E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP80303 | 9/11/1996 | 3.0 | Zinc | 3.91E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | 1,3,5-Trinitrobenzene | 4.16E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP80403 | 9/11/1996 | 5.0 | 2,4,6-Trinitrotoluene | 4.24E-01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Aluminum | 2.03E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Arsenic | 1.82E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Barium | 2.93E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Beryllium | 6.86E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Cadmium | 4.68E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Calcium | 1.86E+04 | | NS | NS | No Standard | No Standard | |
| CRP80403 | 9/11/1996 | 5.0 | Chromium | 3.07E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP80403 | 9/11/1996 | 5.0 | Cobalt | 5.58E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Copper | 8.86E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | HMX | 6.13E-01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Iron | 1.78E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Lead | 1.05E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Magnesium | 5.47E+03 | | NS | NS | No Standard | No Standard | |
| CRP80403 | 9/11/1996 | 5.0 | Manganese | 5.15E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Mercury | 4.62E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Nickel | 1.13E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Potassium | 3.49E+03 | | NS | NS | No Standard | No Standard | |
| CRP80403 | 9/11/1996 | 5.0 | RDX | 1.10E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Sodium | 1.78E+02 | J | NS | NS | No Standard | No Standard | |
| CRP80403 | 9/11/1996 | 5.0 | Tetryl | 6.07E+01 | | NS | 2.44E+02 | 2.44E+02 | Proposed | |
| CRP80403 | 9/11/1996 | 5.0 | Thallium | 8.16E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Vanadium | 2.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP80403 | 9/11/1996 | 5.0 | Zinc | 2.04E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | 1,3,5-Trinitrobenzene | 4.84E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP80502 | 9/12/1996 | 5.0 | 2-Amino-4,6-dinitrotoluene | 2.54E-01 | J | NS | NS | No Standard | No Standard | |
| CRP80502 | 9/12/1996 | 5.0 | 4-Amino-2,6-dinitrotoluene | 1.34E-01 | J | NS | NS | No Standard | No Standard | |
| CRP80502 | 9/12/1996 | 5.0 | Aluminum | 2.62E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP80502 | 9/12/1996 | 5.0 | Antimony | 9.78E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Arsenic | 4.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP80502 | 9/12/1996 | 5.0 | Barium | 2.39E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Beryllium | 7.32E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Cadmium | 4.65E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Calcium | 1.42E+04 | | NS | NS | No Standard | No Standard | |
| CRP80502 | 9/12/1996 | 5.0 | Chromium | 4.58E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP80502 | 9/12/1996 | 5.0 | Cobalt | 6.35E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Copper | 1.55E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Iron | 3.98E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP80502 | 9/12/1996 | 5.0 | Lead | 1.40E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Magnesium | 6.37E+03 | | NS | NS | No Standard | No Standard | |
| CRP80502 | 9/12/1996 | 5.0 | Manganese | 5.67E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Mercury | 1.10E+01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Molybdenum | 3.17E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Nickel | 1.86E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Potassium | 5.19E+03 | | NS | NS | No Standard | No Standard | |
| CRP80502 | 9/12/1996 | 5.0 | RDX | 9.00E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Sodium | 1.58E+02 | J | NS | NS | No Standard | No Standard | |
| CRP80502 | 9/12/1996 | 5.0 | Thallium | 1.71E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Vanadium | 3.01E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP80502 | 9/12/1996 | 5.0 | Zinc | 6.41E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | 1,3,5-Trinitrobenzene | 1.91E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP80602 | 9/12/1996 | 5.0 | Aluminum | 1.70E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Antimony | 3.32E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| CRP80602 | 9/12/1996 | 5.0 | Arsenic | 2.11E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Barium | 2.38E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Beryllium | 4.21E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Cadmium | 8.24E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Calcium | 2.03E+04 | | NS | NS | No Standard | No Standard | |
| CRP80602 | 9/12/1996 | 5.0 | Chromium | 2.86E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP80602 | 9/12/1996 | 5.0 | Cobalt | 5.42E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Copper | 6.21E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Iron | 2.29E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Lead | 2.20E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Magnesium | 5.66E+03 | | NS | NS | No Standard | No Standard | |
| CRP80602 | 9/12/1996 | 5.0 | Manganese | 5.06E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Mercury | 1.73E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Molybdenum | 3.37E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Nickel | 1.45E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Potassium | 3.84E+03 | | NS | NS | No Standard | No Standard | |
| CRP80602 | 9/12/1996 | 5.0 | Selenium | 4.79E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Sodium | 4.40E+02 | J | NS | NS | No Standard | No Standard | |
| CRP80602 | 9/12/1996 | 5.0 | Thallium | 8.86E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP80602 | 9/12/1996 | 5.0 | Vanadium | 2.46E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP80602 | 9/12/1996 | 5.0 | Zinc | 2.06E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Aluminum | 4.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Arsenic | 2.71E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Barium | 3.42E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Beryllium | 9.51E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Cadmium | 1.06E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Calcium | 1.96E+04 | | NS | NS | No Standard | No Standard | |
| CRP8120103 | 9/17/1996 | 3.0 | Chromium | 2.17E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8120103 | 9/17/1996 | 3.0 | Cobalt | 7.38E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Copper | 4.12E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Iron | 2.27E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Lead | 2.50E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Magnesium | 9.20E+03 | | NS | NS | No Standard | No Standard | |
| CRP8120103 | 9/17/1996 | 3.0 | Manganese | 5.86E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Mercury | 1.02E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Nickel | 1.54E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Potassium | 4.55E+03 | | NS | NS | No Standard | No Standard | |
| CRP8120103 | 9/17/1996 | 3.0 | Sodium | 1.44E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8120103 | 9/17/1996 | 3.0 | Thallium | 2.30E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Vanadium | 3.91E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8120103 | 9/17/1996 | 3.0 | Zinc | 6.26E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8120303 | 9/17/1996 | 3.0 | Total organic carbon | 5.92E+03 | | NS | NS | No Standard | No Standard | |
| CRP8130203 | 9/17/1996 | 3.0 | Aluminum | 2.92E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Arsenic | 2.24E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Barium | 3.48E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Beryllium | 9.22E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Cadmium | 1.25E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Calcium | 2.72E+04 | | NS | NS | No Standard | No Standard | |
| CRP8130203 | 9/17/1996 | 3.0 | Chromium | 1.97E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8130203 | 9/17/1996 | 3.0 | Cobalt | 5.94E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Copper | 1.32E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Iron | 1.85E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Lead | 2.54E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Magnesium | 8.28E+03 | | NS | NS | No Standard | No Standard | |
| CRP8130203 | 9/17/1996 | 3.0 | Manganese | 5.91E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Mercury | 1.19E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Molybdenum | 1.83E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Nickel | 1.28E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Potassium | 3.93E+03 | | NS | NS | No Standard | No Standard | |
| CRP8130203 | 9/17/1996 | 3.0 | Sodium | 1.07E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8130203 | 9/17/1996 | 3.0 | Thallium | 1.78E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Vanadium | 3.33E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8130203 | 9/17/1996 | 3.0 | Zinc | 2.25E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Aluminum | 2.07E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Arsenic | 1.99E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP8140103 | 9/19/1996 | 3.0 | Barium | 7.35E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Beryllium | 5.30E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Cadmium | 2.73E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Calcium | 2.55E+04 | | NS | NS | No Standard | No Standard | |
| CRP8140103 | 9/19/1996 | 3.0 | Chromium | 1.99E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8140103 | 9/19/1996 | 3.0 | Cobalt | 6.19E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Copper | 1.31E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Iron | 3.52E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP8140103 | 9/19/1996 | 3.0 | Lead | 1.95E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Magnesium | 5.58E+03 | | NS | NS | No Standard | No Standard | |
| CRP8140103 | 9/19/1996 | 3.0 | Manganese | 4.56E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Mercury | 2.94E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Molybdenum | 4.24E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Nickel | 1.30E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Potassium | 3.22E+03 | | NS | NS | No Standard | No Standard | |
| CRP8140103 | 9/19/1996 | 3.0 | Sodium | 7.42E+02 | | NS | NS | No Standard | No Standard | |
| CRP8140103 | 9/19/1996 | 3.0 | Vanadium | 2.49E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8140103 | 9/19/1996 | 3.0 | Zinc | 2.57E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | 2,4,6-Trinitrotoluene | 2.22E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Aluminum | 1.80E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Arsenic | 1.76E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Barium | 2.24E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Beryllium | 3.83E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Cadmium | 1.65E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Calcium | 3.34E+04 | | NS | NS | No Standard | No Standard | |
| CRP8150103 | 9/19/1996 | 3.0 | Chromium | 1.41E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8150103 | 9/19/1996 | 3.0 | Cobalt | 5.19E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Copper | 1.50E+04 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | YES |
| CRP8150103 | 9/19/1996 | 3.0 | Iron | 3.14E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP8150103 | 9/19/1996 | 3.0 | Lead | 1.67E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Magnesium | 5.16E+03 | | NS | NS | No Standard | No Standard | |
| CRP8150103 | 9/19/1996 | 3.0 | Manganese | 5.74E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Mercury | 5.48E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Molybdenum | 2.97E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Nickel | 1.60E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Potassium | 2.96E+03 | | NS | NS | No Standard | No Standard | |
| CRP8150103 | 9/19/1996 | 3.0 | Sodium | 5.90E+02 | | NS | NS | No Standard | No Standard | |
| CRP8150103 | 9/19/1996 | 3.0 | Vanadium | 2.57E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8150103 | 9/19/1996 | 3.0 | Zinc | 5.10E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | 2,4,6-Trinitrotoluene | 9.64E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | 2-Amino-4,6-dinitrotoluene | 1.05E+01 | | NS | NS | No Standard | No Standard | |
| CRP9010406 | 8/1/1996 | 6.0 | 4-Amino-2,6-dinitrotoluene | 8.16E-01 | J | NS | NS | No Standard | No Standard | |
| CRP9010406 | 8/1/1996 | 6.0 | Aluminum | 3.37E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Antimony | 1.53E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Arsenic | 2.64E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP9010406 | 8/1/1996 | 6.0 | Barium | 4.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Beryllium | 9.38E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Cadmium | 1.81E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Calcium | 2.35E+04 | | NS | NS | No Standard | No Standard | |
| CRP9010406 | 8/1/1996 | 6.0 | Chromium | 4.77E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9010406 | 8/1/1996 | 6.0 | Cobalt | 7.45E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Copper | 3.01E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Iron | 3.22E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP9010406 | 8/1/1996 | 6.0 | Lead | 8.03E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Magnesium | 8.61E+03 | | NS | NS | No Standard | No Standard | |
| CRP9010406 | 8/1/1996 | 6.0 | Manganese | 6.01E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Mercury | 1.08E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Molybdenum | 1.21E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Nickel | 1.87E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Potassium | 5.32E+03 | | NS | NS | No Standard | No Standard | |
| CRP9010406 | 8/1/1996 | 6.0 | Sodium | 2.43E+02 | J | NS | NS | No Standard | No Standard | |
| CRP9010406 | 8/1/1996 | 6.0 | Thallium | 1.18E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Vanadium | 3.16E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9010406 | 8/1/1996 | 6.0 | Zinc | 2.32E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Aluminum | 2.76E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Arsenic | 4.77E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP90203 | 9/7/1996 | 4.0 | Barium | 4.00E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Beryllium | 8.10E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Cadmium | 2.91E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Calcium | 2.00E+04 | | NS | NS | No Standard | No Standard | |
| CRP90203 | 9/7/1996 | 4.0 | Chromium | 2.58E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP90203 | 9/7/1996 | 4.0 | Cobalt | 7.22E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Copper | 1.08E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Iron | 4.90E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP90203 | 9/7/1996 | 4.0 | Lead | 5.76E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Magnesium | 7.38E+03 | | NS | NS | No Standard | No Standard | |
| CRP90203 | 9/7/1996 | 4.0 | Manganese | 5.31E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Mercury | 2.73E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Molybdenum | 5.98E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Nickel | 3.30E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Potassium | 4.76E+03 | | NS | NS | No Standard | No Standard | |
| CRP90203 | 9/7/1996 | 4.0 | Sodium | 1.95E+02 | J | NS | NS | No Standard | No Standard | |
| CRP90203 | 9/7/1996 | 4.0 | Thallium | 6.70E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Vanadium | 2.93E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP90203 | 9/7/1996 | 4.0 | Zinc | 5.24E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9030304 | 9/6/1996 | 4.0 | Total organic carbon | 7.16E+03 | | NS | NS | No Standard | No Standard | |
| CRP90304 | 9/6/1996 | 5.0 | Aluminum | 2.97E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Arsenic | 5.50E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP90304 | 9/6/1996 | 5.0 | Barium | 4.22E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Beryllium | 8.18E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP90304 | 9/6/1996 | 5.0 | Cadmium | 1.41E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Calcium | 2.33E+04 | | NS | NS | No Standard | No Standard | |
| CRP90304 | 9/6/1996 | 5.0 | Chromium | 2.85E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP90304 | 9/6/1996 | 5.0 | Cobalt | 9.36E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Copper | 2.16E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Iron | 6.10E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP90304 | 9/6/1996 | 5.0 | Lead | 3.96E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Magnesium | 8.64E+03 | | NS | NS | No Standard | No Standard | |
| CRP90304 | 9/6/1996 | 5.0 | Manganese | 6.87E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Mercury | 4.79E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Molybdenum | 1.15E+01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Nickel | 3.32E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Potassium | 4.24E+03 | | NS | NS | No Standard | No Standard | |
| CRP90304 | 9/6/1996 | 5.0 | Sodium | 1.16E+02 | J | NS | NS | No Standard | No Standard | |
| CRP90304 | 9/6/1996 | 5.0 | Thallium | 1.72E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Vanadium | 3.01E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP90304 | 9/6/1996 | 5.0 | Zinc | 1.98E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Aluminum | 2.80E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Antimony | 3.91E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Arsenic | 2.46E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Barium | 3.45E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Beryllium | 8.37E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Cadmium | 3.65E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Calcium | 2.13E+04 | | NS | NS | No Standard | No Standard | |
| CRP90403 | 9/7/1996 | 4.0 | Chromium | 2.03E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP90403 | 9/7/1996 | 4.0 | Cobalt | 5.73E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Copper | 1.18E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Iron | 2.06E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Lead | 6.52E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Magnesium | 7.54E+03 | | NS | NS | No Standard | No Standard | |
| CRP90403 | 9/7/1996 | 4.0 | Manganese | 4.38E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Mercury | 2.47E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Nickel | 1.38E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Potassium | 4.95E+03 | | NS | NS | No Standard | No Standard | |
| CRP90403 | 9/7/1996 | 4.0 | Sodium | 2.66E+02 | J | NS | NS | No Standard | No Standard | |
| CRP90403 | 9/7/1996 | 4.0 | Vanadium | 2.91E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP90403 | 9/7/1996 | 4.0 | Zinc | 5.48E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Aluminum | 2.99E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Arsenic | 4.97E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP90603 | 9/6/1996 | 5.0 | Barium | 3.33E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Beryllium | 8.12E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Cadmium | 1.74E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Calcium | 2.42E+04 | | NS | NS | No Standard | No Standard | |
| CRP90603 | 9/6/1996 | 5.0 | Chromium | 2.68E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP90603 | 9/6/1996 | 5.0 | Cobalt | 8.09E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP90603 | 9/6/1996 | 5.0 | Copper | 3.46E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Iron | 4.90E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP90603 | 9/6/1996 | 5.0 | Lead | 5.02E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Magnesium | 8.39E+03 | | NS | NS | No Standard | No Standard | |
| CRP90603 | 9/6/1996 | 5.0 | Manganese | 5.72E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Mercury | 1.51E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Molybdenum | 2.62E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Nickel | 2.92E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Potassium | 5.12E+03 | | NS | NS | No Standard | No Standard | |
| CRP90603 | 9/6/1996 | 5.0 | Sodium | 2.31E+02 | J | NS | NS | No Standard | No Standard | |
| CRP90603 | 9/6/1996 | 5.0 | Thallium | 1.41E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Vanadium | 2.96E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP90603 | 9/6/1996 | 5.0 | Zinc | 2.14E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Aluminum | 1.36E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Antimony | 7.25E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Arsenic | 2.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Barium | 1.69E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Beryllium | 3.73E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Calcium | 2.10E+04 | | NS | NS | No Standard | No Standard | |
| CRP9070102 | 9/19/1996 | 2.0 | Chromium | 1.05E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9070102 | 9/19/1996 | 2.0 | Cobalt | 3.62E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Copper | 8.57E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Iron | 1.91E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Lead | 1.80E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Magnesium | 4.37E+03 | | NS | NS | No Standard | No Standard | |
| CRP9070102 | 9/19/1996 | 2.0 | Manganese | 3.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Mercury | 2.53E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Nickel | 8.57E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Potassium | 2.21E+03 | | NS | NS | No Standard | No Standard | |
| CRP9070102 | 9/19/1996 | 2.0 | Sodium | 1.88E+02 | J | NS | NS | No Standard | No Standard | |
| CRP9070102 | 9/19/1996 | 2.0 | Vanadium | 1.96E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9070102 | 9/19/1996 | 2.0 | Zinc | 1.78E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | 2,4,6-Trinitrotoluene | 7.60E-01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Aluminum | 2.41E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Arsenic | 6.85E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP9080102 | 9/19/1996 | 2.0 | Barium | 4.21E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Beryllium | 5.92E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Cadmium | 3.25E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Calcium | 7.20E+04 | | NS | NS | No Standard | No Standard | |
| CRP9080102 | 9/19/1996 | 2.0 | Chromium | 1.83E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9080102 | 9/19/1996 | 2.0 | Cobalt | 5.74E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Copper | 1.21E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Iron | 1.68E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Lead | 2.09E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Magnesium | 8.53E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-3***
***Summary of Detected Constituents in Waste, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP9080102 | 9/19/1996 | 2.0 | Manganese | 5.23E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Mercury | 2.90E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Molybdenum | 4.21E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Nickel | 1.50E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Potassium | 5.16E+03 | | NS | NS | No Standard | No Standard | |
| CRP9080102 | 9/19/1996 | 2.0 | Sodium | 5.62E+02 | | NS | NS | No Standard | No Standard | |
| CRP9080102 | 9/19/1996 | 2.0 | Vanadium | 2.66E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9080102 | 9/19/1996 | 2.0 | Zinc | 9.93E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9080302 | 9/19/1996 | 2.0 | Total organic carbon | 6.96E+03 | | NS | NS | No Standard | No Standard | |

**Notes:**
mg/kg - milligrams per kilogram
NS - no standard
SSL - Soil Screening Level
MSSL - Medium Specific Screening Level
NMED - New Mexico Environment Department
USEPA - US Environmental Protection Agency
feet bgs - feet below ground surface
Proposed - Cleanup level proposed as described in Permit Attachment 7, Section 7.2.
**Flag Codes:**
D - Duplicate
J - Estimated Concentration

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| BGASO01 | 11/19/1993 | 0.0 | Aluminum | 4.01E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Arsenic | 9.56E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Barium | 4.47E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Beryllium | 7.79E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Cadmium | 1.28E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Calcium | 4.63E+03 | | NS | NS | No Standard | No Standard | |
| BGASO01 | 11/19/1993 | 0.0 | Chromium | 1.02E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BGASO01 | 11/19/1993 | 0.0 | Cobalt | 4.18E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Copper | 1.71E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Iron | 4.78E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Lead | 4.83E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Magnesium | 3.79E+03 | | NS | NS | No Standard | No Standard | |
| BGASO01 | 11/19/1993 | 0.0 | Manganese | 6.54E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Mercury | 2.08E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Nickel | 8.62E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Potassium | 1.56E+03 | | NS | NS | No Standard | No Standard | |
| BGASO01 | 11/19/1993 | 0.0 | Sodium | 2.21E+02 | | NS | NS | No Standard | No Standard | |
| BGASO01 | 11/19/1993 | 0.0 | Vanadium | 1.29E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BGASO01 | 11/19/1993 | 0.0 | Zinc | 1.09E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Aluminum | 2.79E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Antimony | 3.32E+02 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| BGASO02 | 11/19/1993 | 0.0 | Arsenic | 7.66E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Barium | 3.17E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Beryllium | 7.10E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| BGASO02 | 11/19/1993 | 0.0 | Chromium | 1.00E+02 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BGASO02 | 11/19/1993 | 0.0 | Cobalt | 4.67E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Copper | 1.95E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Lead | 4.00E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Magnesium | 3.19E+03 | | NS | NS | No Standard | No Standard | |
| BGASO02 | 11/19/1993 | 0.0 | Manganese | 1.84E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Mercury | 1.22E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Nickel | 4.84E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BGASO02 | 11/19/1993 | 0.0 | Potassium | 9.69E+02 | | NS | NS | No Standard | No Standard | |
| BGASO02 | 11/19/1993 | 0.0 | Sodium | 1.38E+03 | | NS | NS | No Standard | No Standard | |
| BGASO02 | 11/19/1993 | 0.0 | Zinc | 4.39E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Aluminum | 3.46E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Arsenic | 1.04E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Barium | 3.64E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Cadmium | 2.39E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Calcium | 3.18E+03 | | NS | NS | No Standard | No Standard | |
| BGASO03 | 11/19/1993 | 0.0 | Chromium | 2.41E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BGASO03 | 11/19/1993 | 0.0 | Cobalt | 4.09E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Copper | 6.85E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| BGASO03 | 11/19/1993 | 0.0 | Iron | 4.61E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Lead | 6.83E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Magnesium | 5.17E+03 | J | NS | NS | No Standard | No Standard | |
| BGASO03 | 11/19/1993 | 0.0 | Manganese | 4.12E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Mercury | 2.98E-01 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Nickel | 1.77E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Potassium | 1.51E+03 | | NS | NS | No Standard | No Standard | |
| BGASO03 | 11/19/1993 | 0.0 | Silver | 6.90E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Sodium | 2.31E+02 | | NS | NS | No Standard | No Standard | |
| BGASO03 | 11/19/1993 | 0.0 | Vanadium | 1.16E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BGASO03 | 11/19/1993 | 0.0 | Zinc | 1.12E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Aluminum | 1.41E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Arsenic | 8.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| BGASO04 | 11/19/1993 | 0.0 | Barium | 2.96E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Beryllium | 6.55E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Calcium | 4.74E+03 | | NS | NS | No Standard | No Standard | |
| BGASO04 | 11/19/1993 | 0.0 | Chromium | 6.24E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BGASO04 | 11/19/1993 | 0.0 | Cobalt | 3.47E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Copper | 1.14E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Iron | 1.46E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Lead | 4.51E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Magnesium | 2.60E+03 | | NS | NS | No Standard | No Standard | |
| BGASO04 | 11/19/1993 | 0.0 | Manganese | 3.85E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Mercury | 2.94E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Nickel | 5.80E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Potassium | 1.31E+03 | | NS | NS | No Standard | No Standard | |
| BGASO04 | 11/19/1993 | 0.0 | Sodium | 1.56E+02 | | NS | NS | No Standard | No Standard | |
| BGASO04 | 11/19/1993 | 0.0 | Vanadium | 1.15E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BGASO04 | 11/19/1993 | 0.0 | Zinc | 2.94E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 4.30E-01 | | NS | NS | No Standard | No Standard | |
| BGASO05 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.80E-01 | | NS | NS | No Standard | No Standard | |
| BGASO05 | 11/19/1993 | 0.0 | Aluminum | 4.17E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | Arsenic | 3.61E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | Barium | 2.05E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | Cadmium | 2.26E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | Calcium | 3.50E+03 | | NS | NS | No Standard | No Standard | |
| BGASO05 | 11/19/1993 | 0.0 | Chromium | 9.18E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BGASO05 | 11/19/1993 | 0.0 | Cobalt | 3.97E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | Copper | 1.74E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | Iron | 3.32E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | Magnesium | 1.51E+03 | | NS | NS | No Standard | No Standard | |
| BGASO05 | 11/19/1993 | 0.0 | Manganese | 3.21E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | Mercury | 9.95E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | Nickel | 7.21E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| BGASO05 | 11/19/1993 | 0.0 | Potassium | 1.13E+03 | | NS | NS | No Standard | No Standard | |
| BGASO05 | 11/19/1993 | 0.0 | Sodium | 1.93E+02 | | NS | NS | No Standard | No Standard | |
| BGASO05 | 11/19/1993 | 0.0 | Vanadium | 8.16E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BGASO05 | 11/19/1993 | 0.0 | Zinc | 4.07E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Aluminum | 4.99E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Arsenic | 9.48E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Barium | 4.25E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Cadmium | 1.28E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Calcium | 3.67E+03 | | NS | NS | No Standard | No Standard | |
| BGASO06 | 11/19/1993 | 0.0 | Chromium | 9.42E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BGASO06 | 11/19/1993 | 0.0 | Cobalt | 3.68E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Copper | 3.17E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Magnesium | 2.96E+03 | | NS | NS | No Standard | No Standard | |
| BGASO06 | 11/19/1993 | 0.0 | Manganese | 4.70E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Mercury | 2.33E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Nickel | 2.35E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Potassium | 1.44E+03 | | NS | NS | No Standard | No Standard | |
| BGASO06 | 11/19/1993 | 0.0 | Sodium | 2.22E+02 | | NS | NS | No Standard | No Standard | |
| BGASO06 | 11/19/1993 | 0.0 | Vanadium | 1.05E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BGASO06 | 11/19/1993 | 0.0 | Zinc | 7.17E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Aluminum | 3.99E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Aluminum | 2.97E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Arsenic | 8.08E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Arsenic | 1.03E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Barium | 4.35E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Barium | 3.73E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Beryllium | 6.60E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Beryllium | 7.36E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Cadmium | 2.10E+00 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Cadmium | 3.25E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Calcium | 3.67E+03 | D | NS | NS | No Standard | No Standard | |
| BGASO07 | 11/19/1993 | 0.0 | Calcium | 4.74E+03 | | NS | NS | No Standard | No Standard | |
| BGASO07 | 11/19/1993 | 0.0 | Chromium | 1.75E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BGASO07 | 11/19/1993 | 0.0 | Chromium | 9.71E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BGASO07 | 11/19/1993 | 0.0 | Cobalt | 3.88E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Cobalt | 3.19E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Copper | 3.67E+02 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Copper | 6.27E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Iron | 4.17E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Iron | 4.55E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Lead | 7.25E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Lead | 3.93E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Magnesium | 2.80E+03 | D | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| BGASO07 | 11/19/1993 | 0.0 | Magnesium | 2.37E+03 | | NS | NS | No Standard | No Standard | |
| BGASO07 | 11/19/1993 | 0.0 | Manganese | 1.05E+03 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Manganese | 5.57E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Mercury | 4.30E-02 | D | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Mercury | 4.40E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Nickel | 1.20E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Nickel | 7.41E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Potassium | 1.62E+03 | D | NS | NS | No Standard | No Standard | |
| BGASO07 | 11/19/1993 | 0.0 | Potassium | 1.50E+03 | | NS | NS | No Standard | No Standard | |
| BGASO07 | 11/19/1993 | 0.0 | Silver | 9.93E-01 | D | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Silver | 2.73E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Sodium | 2.02E+02 | D | NS | NS | No Standard | No Standard | |
| BGASO07 | 11/19/1993 | 0.0 | Sodium | 2.16E+02 | | NS | NS | No Standard | No Standard | |
| BGASO07 | 11/19/1993 | 0.0 | Vanadium | 1.65E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Vanadium | 9.68E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Zinc | 4.38E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BGASO07 | 11/19/1993 | 0.0 | Zinc | 4.69E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 6.30E-01 | | NS | NS | No Standard | No Standard | |
| BGASO08 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 6.43E-01 | | NS | NS | No Standard | No Standard | |
| BGASO08 | 11/19/1993 | 0.0 | Aluminum | 3.11E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Arsenic | 1.42E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Barium | 3.83E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Beryllium | 7.27E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Cadmium | 1.22E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Calcium | 4.92E+03 | | NS | NS | No Standard | No Standard | |
| BGASO08 | 11/19/1993 | 0.0 | Chromium | 6.67E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BGASO08 | 11/19/1993 | 0.0 | Cobalt | 3.25E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Copper | 1.40E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Iron | 4.80E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Lead | 3.88E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Magnesium | 2.36E+03 | | NS | NS | No Standard | No Standard | |
| BGASO08 | 11/19/1993 | 0.0 | Manganese | 4.93E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Mercury | 1.35E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Nickel | 5.99E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Nitrobenzene | 2.21E+00 | | 2.28E+01 | 1.97E+01 | 2.28E+01 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Potassium | 1.10E+03 | | NS | NS | No Standard | No Standard | |
| BGASO08 | 11/19/1993 | 0.0 | Sodium | 2.31E+02 | | NS | NS | No Standard | No Standard | |
| BGASO08 | 11/19/1993 | 0.0 | Vanadium | 9.38E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BGASO08 | 11/19/1993 | 0.0 | Zinc | 5.71E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Aluminum | 3.90E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Arsenic | 8.25E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Barium | 1.54E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Beryllium | 7.38E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Calcium | 4.27E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO01 | 11/17/1993 | 0.0 | Chromium | 1.16E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| BIPSO01 | 11/17/1993 | 0.0 | Cobalt | 5.35E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Copper | 1.71E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Iron | 3.40E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Lead | 5.45E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Magnesium | 5.17E+03 | J | NS | NS | No Standard | No Standard | |
| BIPSO01 | 11/17/1993 | 0.0 | Manganese | 2.72E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Nickel | 1.12E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Potassium | 2.64E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO01 | 11/17/1993 | 0.0 | Sodium | 3.88E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO01 | 11/17/1993 | 0.0 | Vanadium | 1.83E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO01 | 11/17/1993 | 0.0 | Zinc | 2.84E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Aluminum | 4.66E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Arsenic | 7.50E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Barium | 7.79E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Cadmium | 4.51E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Calcium | 2.91E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO02 | 11/17/1993 | 0.0 | Chromium | 5.80E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO02 | 11/17/1993 | 0.0 | Cobalt | 2.81E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Copper | 4.62E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Iron | 4.27E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Lead | 3.00E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Magnesium | 2.83E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO02 | 11/17/1993 | 0.0 | Manganese | 1.96E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Nickel | 5.11E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Potassium | 9.79E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO02 | 11/17/1993 | 0.0 | Sodium | 2.06E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO02 | 11/17/1993 | 0.0 | Vanadium | 9.52E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO02 | 11/17/1993 | 0.0 | Zinc | 2.73E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO03 | 11/17/1993 | 0.0 | Aluminum | 2.35E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO03 | 11/17/1993 | 0.0 | Arsenic | 3.20E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO03 | 11/17/1993 | 0.0 | Barium | 2.57E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO03 | 11/17/1993 | 0.0 | Cadmium | 1.75E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BIPSO03 | 11/17/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| BIPSO03 | 11/17/1993 | 0.0 | Chromium | 2.74E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO03 | 11/17/1993 | 0.0 | Copper | 1.50E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO03 | 11/17/1993 | 0.0 | Iron | 1.25E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO03 | 11/17/1993 | 0.0 | Lead | 3.40E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO03 | 11/17/1993 | 0.0 | Magnesium | 7.82E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO03 | 11/17/1993 | 0.0 | Manganese | 2.83E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO03 | 11/17/1993 | 0.0 | Potassium | 4.35E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO03 | 11/17/1993 | 0.0 | Sodium | 1.50E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO03 | 11/17/1993 | 0.0 | Vanadium | 4.81E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO03 | 11/17/1993 | 0.0 | Zinc | 5.82E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 3.80E-01 | | NS | NS | No Standard | No Standard | |
| BIPSO04 | 11/17/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 8.50E-01 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| BIPSO04 | 11/17/1993 | 0.0 | Aluminum | 3.87E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | Arsenic | 3.17E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | Barium | 4.97E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | Calcium | 3.68E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO04 | 11/17/1993 | 0.0 | Chromium | 3.56E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO04 | 11/17/1993 | 0.0 | Cobalt | 1.95E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | Copper | 4.11E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | Iron | 4.11E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | Lead | 2.18E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | Magnesium | 1.03E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO04 | 11/17/1993 | 0.0 | Manganese | 1.08E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | Mercury | 2.98E-01 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | Nickel | 3.48E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | Potassium | 6.75E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO04 | 11/17/1993 | 0.0 | Sodium | 1.57E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO04 | 11/17/1993 | 0.0 | Vanadium | 1.02E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO04 | 11/17/1993 | 0.0 | Zinc | 1.50E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Arsenic | 3.03E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Barium | 1.69E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Beryllium | 1.02E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Calcium | 4.42E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO05 | 11/17/1993 | 0.0 | Chromium | 1.20E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO05 | 11/17/1993 | 0.0 | Cobalt | 6.70E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Copper | 1.21E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Magnesium | 3.30E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO05 | 11/17/1993 | 0.0 | Manganese | 2.60E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Mercury | 3.90E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Nickel | 9.08E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Potassium | 2.00E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO05 | 11/17/1993 | 0.0 | Sodium | 2.09E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO05 | 11/17/1993 | 0.0 | Vanadium | 2.76E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO05 | 11/17/1993 | 0.0 | Zinc | 3.33E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO06 | 11/17/1993 | 0.0 | Aluminum | 4.13E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO06 | 11/17/1993 | 0.0 | Arsenic | 6.45E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO06 | 11/17/1993 | 0.0 | Barium | 4.03E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO06 | 11/17/1993 | 0.0 | Calcium | 3.43E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO06 | 11/17/1993 | 0.0 | Chromium | 3.18E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO06 | 11/17/1993 | 0.0 | Cobalt | 2.21E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO06 | 11/17/1993 | 0.0 | Copper | 2.63E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO06 | 11/17/1993 | 0.0 | Iron | 3.61E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO06 | 11/17/1993 | 0.0 | Lead | 1.33E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO06 | 11/17/1993 | 0.0 | Magnesium | 1.01E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| BIPSO06 | 11/17/1993 | 0.0 | Manganese | 3.41E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO06 | 11/17/1993 | 0.0 | Nickel | 4.08E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO06 | 11/17/1993 | 0.0 | Potassium | 6.64E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO06 | 11/17/1993 | 0.0 | Sodium | 1.33E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO06 | 11/17/1993 | 0.0 | Vanadium | 1.03E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO06 | 11/17/1993 | 0.0 | Zinc | 1.55E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Aluminum | 4.30E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Arsenic | 1.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Barium | 7.53E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Cadmium | 6.36E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Calcium | 4.50E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO07 | 11/17/1993 | 0.0 | Chromium | 6.20E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO07 | 11/17/1993 | 0.0 | Cobalt | 2.68E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Copper | 1.09E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Iron | 4.67E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Lead | 5.97E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Magnesium | 1.26E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO07 | 11/17/1993 | 0.0 | Manganese | 1.74E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Nickel | 6.09E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Potassium | 8.27E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO07 | 11/17/1993 | 0.0 | Sodium | 1.79E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO07 | 11/17/1993 | 0.0 | Vanadium | 1.15E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO07 | 11/17/1993 | 0.0 | Zinc | 2.20E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Aluminum | 3.55E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Arsenic | 6.05E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Barium | 5.63E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Calcium | 4.57E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO08 | 11/17/1993 | 0.0 | Chromium | 3.78E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO08 | 11/17/1993 | 0.0 | Cobalt | 2.77E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Copper | 7.53E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Iron | 4.33E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Lead | 4.55E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Magnesium | 1.02E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO08 | 11/17/1993 | 0.0 | Manganese | 1.61E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Mercury | 3.40E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Nickel | 3.92E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Potassium | 6.98E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO08 | 11/17/1993 | 0.0 | Sodium | 1.38E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO08 | 11/17/1993 | 0.0 | Vanadium | 1.12E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO08 | 11/17/1993 | 0.0 | Zinc | 1.43E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Aluminum | 3.01E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Aluminum | 4.34E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Arsenic | 7.15E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Arsenic | 7.57E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Barium | 5.45E+01 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| BIPSO09 | 11/18/1993 | 0.0 | Barium | 5.86E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Cadmium | 7.15E+01 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| BIPSO09 | 11/18/1993 | 0.0 | Cadmium | 1.94E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Calcium | 5.40E+03 | D | NS | NS | No Standard | No Standard | |
| BIPSO09 | 11/18/1993 | 0.0 | Calcium | 3.66E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO09 | 11/18/1993 | 0.0 | Chromium | 6.79E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO09 | 11/18/1993 | 0.0 | Chromium | 9.07E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO09 | 11/18/1993 | 0.0 | Cobalt | 2.43E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Cobalt | 2.79E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Copper | 7.34E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Copper | 1.06E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Iron | 3.55E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Iron | 5.11E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Lead | 4.08E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Lead | 3.66E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Magnesium | 1.14E+03 | D | NS | NS | No Standard | No Standard | |
| BIPSO09 | 11/18/1993 | 0.0 | Magnesium | 1.51E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO09 | 11/18/1993 | 0.0 | Manganese | 1.36E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Manganese | 1.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Nickel | 4.97E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Nickel | 5.54E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Potassium | 8.47E+02 | D | NS | NS | No Standard | No Standard | |
| BIPSO09 | 11/18/1993 | 0.0 | Potassium | 1.16E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO09 | 11/18/1993 | 0.0 | RDX | 9.59E-01 | D | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | RDX | 1.48E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Sodium | 1.77E+02 | D | NS | NS | No Standard | No Standard | |
| BIPSO09 | 11/18/1993 | 0.0 | Sodium | 1.80E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO09 | 11/18/1993 | 0.0 | Thallium | 1.98E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Vanadium | 7.57E+00 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Vanadium | 9.76E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Zinc | 3.40E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO09 | 11/18/1993 | 0.0 | Zinc | 3.25E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO10 | 11/18/1993 | 0.0 | Aluminum | 4.24E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO10 | 11/18/1993 | 0.0 | Arsenic | 9.90E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO10 | 11/18/1993 | 0.0 | Barium | 9.30E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO10 | 11/18/1993 | 0.0 | Cadmium | 1.57E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| BIPSO10 | 11/18/1993 | 0.0 | Calcium | 2.05E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO10 | 11/18/1993 | 0.0 | Chromium | 9.82E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO10 | 11/18/1993 | 0.0 | Cobalt | 3.29E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO10 | 11/18/1993 | 0.0 | Copper | 2.43E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO10 | 11/18/1993 | 0.0 | Iron | 4.34E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO10 | 11/18/1993 | 0.0 | Lead | 6.44E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO10 | 11/18/1993 | 0.0 | Magnesium | 1.10E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO10 | 11/18/1993 | 0.0 | Manganese | 1.72E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO10 | 11/18/1993 | 0.0 | Nickel | 5.40E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| BIPSO10 | 11/18/1993 | 0.0 | Potassium | 9.87E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO10 | 11/18/1993 | 0.0 | Sodium | 1.54E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO10 | 11/18/1993 | 0.0 | Vanadium | 1.49E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO10 | 11/18/1993 | 0.0 | Zinc | 3.27E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Aluminum | 3.83E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Aluminum | 2.44E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Arsenic | 1.25E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Arsenic | 5.78E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Barium | 4.76E+01 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Barium | 3.78E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Calcium | 1.80E+03 | D | NS | NS | No Standard | No Standard | |
| BIPSO11 | 11/18/1993 | 0.0 | Calcium | 1.36E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO11 | 11/18/1993 | 0.0 | Chromium | 4.77E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO11 | 11/18/1993 | 0.0 | Chromium | 3.42E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO11 | 11/18/1993 | 0.0 | Cobalt | 2.17E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Cobalt | 1.63E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Copper | 1.40E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Copper | 6.47E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Iron | 3.74E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Iron | 3.02E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Lead | 7.55E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Lead | 2.47E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Magnesium | 7.07E+02 | D | NS | NS | No Standard | No Standard | |
| BIPSO11 | 11/18/1993 | 0.0 | Magnesium | 5.26E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO11 | 11/18/1993 | 0.0 | Manganese | 9.44E+01 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Manganese | 5.67E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Nickel | 2.76E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Nickel | 2.53E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Potassium | 8.73E+02 | D | NS | NS | No Standard | No Standard | |
| BIPSO11 | 11/18/1993 | 0.0 | Potassium | 6.28E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO11 | 11/18/1993 | 0.0 | Sodium | 1.37E+02 | D | NS | NS | No Standard | No Standard | |
| BIPSO11 | 11/18/1993 | 0.0 | Sodium | 1.36E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO11 | 11/18/1993 | 0.0 | Thallium | 2.38E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Vanadium | 1.00E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Vanadium | 7.67E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Zinc | 3.37E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO11 | 11/18/1993 | 0.0 | Zinc | 2.78E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| BIPSO12 | 11/18/1993 | 0.0 | Aluminum | 3.31E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| BIPSO12 | 11/18/1993 | 0.0 | Arsenic | 9.58E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| BIPSO12 | 11/18/1993 | 0.0 | Barium | 9.81E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| BIPSO12 | 11/18/1993 | 0.0 | Calcium | 2.12E+03 | | NS | NS | No Standard | No Standard | |
| BIPSO12 | 11/18/1993 | 0.0 | Chromium | 4.51E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| BIPSO12 | 11/18/1993 | 0.0 | Cobalt | 2.75E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| BIPSO12 | 11/18/1993 | 0.0 | Copper | 5.50E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| BIPSO12 | 11/18/1993 | 0.0 | Iron | 3.76E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

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***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| BIPSO12 | 11/18/1993 | 0.0 | Lead | 4.25E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| BIPSO12 | 11/18/1993 | 0.0 | Magnesium | 7.31E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO12 | 11/18/1993 | 0.0 | Manganese | 3.43E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| BIPSO12 | 11/18/1993 | 0.0 | Nickel | 2.37E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| BIPSO12 | 11/18/1993 | 0.0 | Potassium | 8.98E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO12 | 11/18/1993 | 0.0 | Sodium | 1.18E+02 | | NS | NS | No Standard | No Standard | |
| BIPSO12 | 11/18/1993 | 0.0 | Vanadium | 3.89E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| BIPSO12 | 11/18/1993 | 0.0 | Zinc | 2.07E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CBK0101 | 7/16/1996 | 1.0 | Aluminum | 1.42E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK0101 | 7/16/1996 | 1.0 | Arsenic | 3.23E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK0101 | 7/16/1996 | 1.0 | Barium | 1.87E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK0101 | 7/16/1996 | 1.0 | Beryllium | 4.68E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK0101 | 7/16/1996 | 1.0 | Calcium | 2.34E+04 | | NS | NS | No Standard | No Standard | |
| CBK0101 | 7/16/1996 | 1.0 | Chromium | 1.04E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK0101 | 7/16/1996 | 1.0 | Copper | 9.51E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CBK0101 | 7/16/1996 | 1.0 | Iron | 1.34E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK0101 | 7/16/1996 | 1.0 | Lead | 9.05E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CBK0101 | 7/16/1996 | 1.0 | Magnesium | 3.87E+03 | | NS | NS | No Standard | No Standard | |
| CBK0101 | 7/16/1996 | 1.0 | Manganese | 3.61E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK0101 | 7/26/2001 | 1.0 | Phosphorus | 2.97E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK0101 | 7/16/1996 | 1.0 | Potassium | 2.23E+03 | | NS | NS | No Standard | No Standard | |
| CBK0101 | 7/16/1996 | 1.0 | Vanadium | 2.52E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK0201 | 7/16/1996 | 1.0 | Aluminum | 1.34E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK0201 | 7/16/1996 | 1.0 | Arsenic | 1.58E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK0201 | 7/16/1996 | 1.0 | Barium | 1.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK0201 | 7/16/1996 | 1.0 | Beryllium | 6.46E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK0201 | 7/16/1996 | 1.0 | Calcium | 2.98E+03 | | NS | NS | No Standard | No Standard | |
| CBK0201 | 7/16/1996 | 1.0 | Chromium | 8.79E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK0201 | 7/16/1996 | 1.0 | Iron | 1.01E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK0201 | 7/16/1996 | 1.0 | Magnesium | 3.24E+03 | | NS | NS | No Standard | No Standard | |
| CBK0201 | 7/16/1996 | 1.0 | Manganese | 2.61E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK0201 | 7/16/1996 | 1.0 | Mercury | 3.88E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CBK0201 | 7/26/2001 | 1.0 | Phosphorus | 1.52E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK0201 | 7/16/1996 | 1.0 | Potassium | 2.26E+03 | | NS | NS | No Standard | No Standard | |
| CBK0201 | 7/16/1996 | 1.0 | Vanadium | 1.89E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK0301 | 7/16/1996 | 1.0 | Aluminum | 1.01E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK0301 | 7/16/1996 | 1.0 | Arsenic | 1.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK0301 | 7/16/1996 | 1.0 | Barium | 1.38E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK0301 | 7/16/1996 | 1.0 | Beryllium | 4.71E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK0301 | 7/16/1996 | 1.0 | Calcium | 9.99E+03 | | NS | NS | No Standard | No Standard | |
| CBK0301 | 7/16/1996 | 1.0 | Chromium | 8.63E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK0301 | 7/16/1996 | 1.0 | Copper | 1.49E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CBK0301 | 7/16/1996 | 1.0 | Iron | 8.68E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK0301 | 7/16/1996 | 1.0 | Magnesium | 2.77E+03 | | NS | NS | No Standard | No Standard | |
| CBK0301 | 7/16/1996 | 1.0 | Manganese | 1.89E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CBK0301 | 7/26/2001 | 1.0 | Phosphorus | 2.63E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK0301 | 7/16/1996 | 1.0 | Potassium | 1.78E+03 | | NS | NS | No Standard | No Standard | |
| CBK0301 | 7/16/1996 | 1.0 | Vanadium | 1.68E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK0401 | 7/16/1996 | 1.0 | Aluminum | 1.12E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK0401 | 7/16/1996 | 1.0 | Arsenic | 3.20E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK0401 | 7/16/1996 | 1.0 | Barium | 9.41E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK0401 | 7/16/1996 | 1.0 | Beryllium | 6.33E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK0401 | 7/16/1996 | 1.0 | Calcium | 5.59E+03 | | NS | NS | No Standard | No Standard | |
| CBK0401 | 7/16/1996 | 1.0 | Chromium | 8.57E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK0401 | 7/16/1996 | 1.0 | Iron | 1.07E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK0401 | 7/16/1996 | 1.0 | Magnesium | 2.65E+03 | | NS | NS | No Standard | No Standard | |
| CBK0401 | 7/16/1996 | 1.0 | Manganese | 2.30E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK0401 | 7/26/2001 | 1.0 | Phosphorus | 1.61E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK0401 | 7/16/1996 | 1.0 | Potassium | 2.47E+03 | | NS | NS | No Standard | No Standard | |
| CBK0401 | 7/16/1996 | 1.0 | Vanadium | 2.45E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK0501 | 7/16/1996 | 1.0 | Aluminum | 1.45E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK0501 | 7/16/1996 | 1.0 | Arsenic | 1.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK0501 | 7/16/1996 | 1.0 | Barium | 1.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK0501 | 7/16/1996 | 1.0 | Beryllium | 6.91E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK0501 | 7/16/1996 | 1.0 | Calcium | 4.52E+03 | | NS | NS | No Standard | No Standard | |
| CBK0501 | 7/16/1996 | 1.0 | Chromium | 9.39E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK0501 | 7/16/1996 | 1.0 | Iron | 1.07E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK0501 | 7/16/1996 | 1.0 | Magnesium | 3.82E+03 | | NS | NS | No Standard | No Standard | |
| CBK0501 | 7/16/1996 | 1.0 | Manganese | 3.30E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK0501 | 7/26/2001 | 1.0 | Phosphorus | 1.35E+02 | DJ | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK0501 | 7/26/2001 | 1.0 | Phosphorus | 1.29E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK0501 | 7/16/1996 | 1.0 | Potassium | 2.16E+03 | | NS | NS | No Standard | No Standard | |
| CBK0501 | 7/16/1996 | 1.0 | Vanadium | 1.89E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK0601 | 7/16/1996 | 1.0 | Aluminum | 7.87E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK0601 | 7/16/1996 | 1.0 | Arsenic | 1.22E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK0601 | 7/16/1996 | 1.0 | Barium | 1.05E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK0601 | 7/16/1996 | 1.0 | Beryllium | 4.62E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK0601 | 7/16/1996 | 1.0 | Calcium | 8.73E+03 | | NS | NS | No Standard | No Standard | |
| CBK0601 | 7/16/1996 | 1.0 | Chromium | 6.19E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK0601 | 7/16/1996 | 1.0 | Copper | 1.10E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CBK0601 | 7/16/1996 | 1.0 | Iron | 7.10E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK0601 | 7/16/1996 | 1.0 | Magnesium | 2.17E+03 | | NS | NS | No Standard | No Standard | |
| CBK0601 | 7/16/1996 | 1.0 | Manganese | 1.82E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK0601 | 7/16/1996 | 1.0 | Mercury | 3.93E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CBK0601 | 7/26/2001 | 1.0 | Phosphorus | 1.78E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK0601 | 7/16/1996 | 1.0 | Potassium | 1.48E+03 | | NS | NS | No Standard | No Standard | |
| CBK0601 | 7/16/1996 | 1.0 | Vanadium | 1.36E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK0701 | 7/16/1996 | 1.0 | Aluminum | 1.41E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK0701 | 7/16/1996 | 1.0 | Arsenic | 1.39E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK0701 | 7/16/1996 | 1.0 | Barium | 2.60E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CBK0701 | 7/16/1996 | 1.0 | Beryllium | 4.00E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK0701 | 7/16/1996 | 1.0 | Calcium | 7.33E+03 | | NS | NS | No Standard | No Standard | |
| CBK0701 | 7/16/1996 | 1.0 | Chromium | 9.72E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK0701 | 7/16/1996 | 1.0 | Iron | 1.11E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK0701 | 7/16/1996 | 1.0 | Lead | 6.55E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CBK0701 | 7/16/1996 | 1.0 | Magnesium | 3.58E+03 | | NS | NS | No Standard | No Standard | |
| CBK0701 | 7/16/1996 | 1.0 | Manganese | 2.70E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK0701 | 7/26/2001 | 1.0 | Phosphorus | 1.58E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK0701 | 7/16/1996 | 1.0 | Potassium | 2.19E+03 | | NS | NS | No Standard | No Standard | |
| CBK0701 | 7/16/1996 | 1.0 | Vanadium | 2.06E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK0801 | 7/16/1996 | 1.0 | Aluminum | 7.10E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK0801 | 7/16/1996 | 1.0 | Arsenic | 1.90E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK0801 | 7/16/1996 | 1.0 | Barium | 6.70E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK0801 | 7/16/1996 | 1.0 | Beryllium | 3.90E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK0801 | 7/16/1996 | 1.0 | Calcium | 3.80E+03 | | NS | NS | No Standard | No Standard | |
| CBK0801 | 7/16/1996 | 1.0 | Iron | 7.58E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK0801 | 7/16/1996 | 1.0 | Magnesium | 1.69E+03 | | NS | NS | No Standard | No Standard | |
| CBK0801 | 7/16/1996 | 1.0 | Manganese | 1.77E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK0801 | 7/26/2001 | 1.0 | Phosphorus | 1.68E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK0801 | 7/16/1996 | 1.0 | Potassium | 1.75E+03 | | NS | NS | No Standard | No Standard | |
| CBK0801 | 7/16/1996 | 1.0 | Vanadium | 1.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Aluminum | 2.61E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Aluminum | 2.36E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Arsenic | 2.11E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Arsenic | 1.84E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Barium | 2.81E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Barium | 2.24E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Beryllium | 8.11E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Beryllium | 6.64E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Calcium | 5.58E+03 | D | NS | NS | No Standard | No Standard | |
| CBK0901 | 7/16/1996 | 1.0 | Calcium | 4.18E+03 | | NS | NS | No Standard | No Standard | |
| CBK0901 | 7/16/1996 | 1.0 | Chromium | 1.42E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK0901 | 7/16/1996 | 1.0 | Chromium | 1.24E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK0901 | 7/16/1996 | 1.0 | Copper | 7.68E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Copper | 5.45E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Iron | 1.61E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Iron | 1.36E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Lead | 1.08E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Lead | 8.15E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Magnesium | 7.12E+03 | D | NS | NS | No Standard | No Standard | |
| CBK0901 | 7/16/1996 | 1.0 | Magnesium | 6.50E+03 | | NS | NS | No Standard | No Standard | |
| CBK0901 | 7/16/1996 | 1.0 | Manganese | 6.50E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Manganese | 5.49E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Mercury | 4.42E-02 | DJ | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CBK0901 | 7/26/2001 | 1.0 | Phosphorus | 1.34E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CBK0901 | 7/16/1996 | 1.0 | Potassium | 3.03E+03 | D | NS | NS | No Standard | No Standard | |
| CBK0901 | 7/16/1996 | 1.0 | Potassium | 2.73E+03 | | NS | NS | No Standard | No Standard | |
| CBK0901 | 7/16/1996 | 1.0 | Vanadium | 2.74E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK0901 | 7/16/1996 | 1.0 | Vanadium | 2.34E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK1001 | 7/16/1996 | 1.0 | Aluminum | 1.83E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK1001 | 7/16/1996 | 1.0 | Arsenic | 1.54E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK1001 | 7/16/1996 | 1.0 | Barium | 2.61E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK1001 | 7/16/1996 | 1.0 | Beryllium | 6.56E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK1001 | 7/16/1996 | 1.0 | Calcium | 1.14E+04 | | NS | NS | No Standard | No Standard | |
| CBK1001 | 7/16/1996 | 1.0 | Chromium | 1.07E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK1001 | 7/16/1996 | 1.0 | Copper | 4.92E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CBK1001 | 7/16/1996 | 1.0 | Iron | 1.20E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK1001 | 7/16/1996 | 1.0 | Lead | 7.82E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CBK1001 | 7/16/1996 | 1.0 | Magnesium | 4.65E+03 | | NS | NS | No Standard | No Standard | |
| CBK1001 | 7/16/1996 | 1.0 | Manganese | 3.03E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK1001 | 7/26/2001 | 1.0 | Phosphorus | 2.38E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK1001 | 7/16/1996 | 1.0 | Potassium | 2.24E+03 | | NS | NS | No Standard | No Standard | |
| CBK1001 | 7/16/1996 | 1.0 | Vanadium | 2.25E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK1101 | 7/16/1996 | 1.0 | Aluminum | 8.65E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK1101 | 7/16/1996 | 1.0 | Arsenic | 2.11E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK1101 | 7/16/1996 | 1.0 | Barium | 1.76E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK1101 | 7/16/1996 | 1.0 | Beryllium | 4.88E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK1101 | 7/16/1996 | 1.0 | Calcium | 1.26E+04 | | NS | NS | No Standard | No Standard | |
| CBK1101 | 7/16/1996 | 1.0 | Copper | 1.26E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CBK1101 | 7/16/1996 | 1.0 | Iron | 8.55E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK1101 | 7/16/1996 | 1.0 | Lead | 8.96E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CBK1101 | 7/16/1996 | 1.0 | Magnesium | 2.55E+03 | | NS | NS | No Standard | No Standard | |
| CBK1101 | 7/16/1996 | 1.0 | Manganese | 2.51E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK1101 | 7/16/1996 | 1.0 | Mercury | 3.20E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CBK1101 | 7/26/2001 | 1.0 | Phosphorus | 1.46E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK1101 | 7/16/1996 | 1.0 | Potassium | 2.30E+03 | | NS | NS | No Standard | No Standard | |
| CBK1101 | 7/16/1996 | 1.0 | Vanadium | 1.58E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK1201 | 7/16/1996 | 1.0 | Aluminum | 8.62E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK1201 | 7/16/1996 | 1.0 | Arsenic | 1.31E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK1201 | 7/16/1996 | 1.0 | Barium | 7.86E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK1201 | 7/16/1996 | 1.0 | Beryllium | 5.01E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK1201 | 7/16/1996 | 1.0 | Calcium | 1.82E+03 | | NS | NS | No Standard | No Standard | |
| CBK1201 | 7/16/1996 | 1.0 | Chromium | 6.13E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK1201 | 7/16/1996 | 1.0 | Iron | 7.97E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK1201 | 7/16/1996 | 1.0 | Magnesium | 2.03E+03 | | NS | NS | No Standard | No Standard | |
| CBK1201 | 7/16/1996 | 1.0 | Manganese | 1.84E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK1201 | 7/26/2001 | 1.0 | Phosphorus | 1.36E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK1201 | 7/16/1996 | 1.0 | Potassium | 1.69E+03 | | NS | NS | No Standard | No Standard | |
| CBK1201 | 7/16/1996 | 1.0 | Vanadium | 1.59E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK1301 | 7/16/1996 | 1.0 | Aluminum | 2.54E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CBK1301 | 7/16/1996 | 1.0 | Arsenic | 1.26E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK1301 | 7/16/1996 | 1.0 | Barium | 6.06E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK1301 | 7/16/1996 | 1.0 | Beryllium | 1.85E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK1301 | 7/16/1996 | 1.0 | Calcium | 2.29E+04 | | NS | NS | No Standard | No Standard | |
| CBK1301 | 7/16/1996 | 1.0 | Chromium | 9.63E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK1301 | 7/16/1996 | 1.0 | Copper | 1.64E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CBK1301 | 7/16/1996 | 1.0 | Iron | 1.46E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK1301 | 7/16/1996 | 1.0 | Lead | 1.30E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CBK1301 | 7/16/1996 | 1.0 | Magnesium | 6.32E+03 | | NS | NS | No Standard | No Standard | |
| CBK1301 | 7/16/1996 | 1.0 | Manganese | 2.03E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK1301 | 7/26/2001 | 1.0 | Phosphorus | 1.98E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK1301 | 7/16/1996 | 1.0 | Potassium | 1.92E+03 | | NS | NS | No Standard | No Standard | |
| CBK1301 | 7/16/1996 | 1.0 | Vanadium | 2.36E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK1401 | 7/16/1996 | 1.0 | Aluminum | 8.10E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK1401 | 7/16/1996 | 1.0 | Arsenic | 2.12E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK1401 | 7/16/1996 | 1.0 | Barium | 1.08E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK1401 | 7/16/1996 | 1.0 | Beryllium | 3.82E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK1401 | 7/16/1996 | 1.0 | Calcium | 7.64E+03 | | NS | NS | No Standard | No Standard | |
| CBK1401 | 7/16/1996 | 1.0 | Iron | 9.22E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK1401 | 7/16/1996 | 1.0 | Magnesium | 2.13E+03 | | NS | NS | No Standard | No Standard | |
| CBK1401 | 7/16/1996 | 1.0 | Manganese | 2.16E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK1401 | 7/26/2001 | 1.0 | Phosphorus | 1.48E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK1401 | 7/16/1996 | 1.0 | Potassium | 1.18E+03 | | NS | NS | No Standard | No Standard | |
| CBK1401 | 7/16/1996 | 1.0 | Vanadium | 1.52E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK1501 | 7/16/1996 | 1.0 | Aluminum | 6.50E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK1501 | 7/16/1996 | 1.0 | Arsenic | 1.59E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK1501 | 7/16/1996 | 1.0 | Barium | 7.86E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK1501 | 7/16/1996 | 1.0 | Beryllium | 1.55E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK1501 | 7/16/1996 | 1.0 | Calcium | 7.53E+03 | | NS | NS | No Standard | No Standard | |
| CBK1501 | 7/16/1996 | 1.0 | Iron | 6.84E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK1501 | 7/16/1996 | 1.0 | Magnesium | 1.67E+03 | | NS | NS | No Standard | No Standard | |
| CBK1501 | 7/16/1996 | 1.0 | Manganese | 1.69E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK1501 | 7/16/1996 | 1.0 | Mercury | 3.70E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CBK1501 | 7/26/2001 | 1.0 | Phosphorus | 1.09E+02 | DJ | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK1501 | 7/26/2001 | 1.0 | Phosphorus | 1.25E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK1501 | 7/16/1996 | 1.0 | Potassium | 1.22E+03 | | NS | NS | No Standard | No Standard | |
| CBK1501 | 7/16/1996 | 1.0 | Vanadium | 1.38E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK1601 | 7/16/1996 | 1.0 | Aluminum | 9.35E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK1601 | 7/16/1996 | 1.0 | Arsenic | 1.40E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK1601 | 7/16/1996 | 1.0 | Barium | 7.99E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK1601 | 7/16/1996 | 1.0 | Beryllium | 5.20E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK1601 | 7/16/1996 | 1.0 | Calcium | 1.72E+03 | | NS | NS | No Standard | No Standard | |
| CBK1601 | 7/16/1996 | 1.0 | Chromium | 6.56E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK1601 | 7/16/1996 | 1.0 | Iron | 8.43E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK1601 | 7/16/1996 | 1.0 | Magnesium | 2.14E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CBK1601 | 7/16/1996 | 1.0 | Manganese | 1.94E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK1601 | 7/26/2001 | 1.0 | Phosphorus | 1.63E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK1601 | 7/16/1996 | 1.0 | Potassium | 1.98E+03 | | NS | NS | No Standard | No Standard | |
| CBK1601 | 7/16/1996 | 1.0 | Vanadium | 1.66E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK1701 | 7/17/1996 | 1.0 | Aluminum | 3.34E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK1701 | 7/17/1996 | 1.0 | Arsenic | 1.01E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK1701 | 7/17/1996 | 1.0 | Barium | 2.97E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK1701 | 7/17/1996 | 1.0 | Beryllium | 6.73E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK1701 | 7/17/1996 | 1.0 | Calcium | 2.29E+04 | | NS | NS | No Standard | No Standard | |
| CBK1701 | 7/17/1996 | 1.0 | Chromium | 2.29E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK1701 | 7/17/1996 | 1.0 | Copper | 7.11E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CBK1701 | 7/17/1996 | 1.0 | Iron | 2.13E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK1701 | 7/17/1996 | 1.0 | Lead | 1.20E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CBK1701 | 7/17/1996 | 1.0 | Magnesium | 9.41E+03 | | NS | NS | No Standard | No Standard | |
| CBK1701 | 7/17/1996 | 1.0 | Manganese | 5.04E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK1701 | 7/17/1996 | 1.0 | Mercury | 5.66E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CBK1701 | 7/26/2001 | 1.0 | Phosphorus | 4.26E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK1701 | 7/17/1996 | 1.0 | Potassium | 4.09E+03 | | NS | NS | No Standard | No Standard | |
| CBK1701 | 7/17/1996 | 1.0 | Vanadium | 3.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK1701 | 7/17/1996 | 1.0 | Zinc | 3.18E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CBK1801 | 7/17/1996 | 1.0 | Aluminum | 2.81E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK1801 | 7/17/1996 | 1.0 | Arsenic | 1.17E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK1801 | 7/17/1996 | 1.0 | Barium | 4.62E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK1801 | 7/17/1996 | 1.0 | Beryllium | 8.57E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK1801 | 7/17/1996 | 1.0 | Calcium | 1.59E+04 | | NS | NS | No Standard | No Standard | |
| CBK1801 | 7/17/1996 | 1.0 | Chromium | 2.03E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CBK1801 | 7/17/1996 | 1.0 | Copper | 3.30E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CBK1801 | 7/17/1996 | 1.0 | Iron | 1.89E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK1801 | 7/17/1996 | 1.0 | Lead | 1.32E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CBK1801 | 7/17/1996 | 1.0 | Magnesium | 7.64E+03 | | NS | NS | No Standard | No Standard | |
| CBK1801 | 7/17/1996 | 1.0 | Manganese | 3.70E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK1801 | 7/26/2001 | 1.0 | Phosphorus | 3.59E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK1801 | 7/17/1996 | 1.0 | Potassium | 3.59E+03 | | NS | NS | No Standard | No Standard | |
| CBK1801 | 7/17/1996 | 1.0 | Vanadium | 3.41E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK1801 | 7/17/1996 | 1.0 | Zinc | 3.01E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CBK1901 | 7/17/1996 | 1.0 | Aluminum | 9.23E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK1901 | 7/17/1996 | 1.0 | Arsenic | 1.52E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK1901 | 7/17/1996 | 1.0 | Barium | 8.67E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK1901 | 7/17/1996 | 1.0 | Beryllium | 4.57E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK1901 | 7/17/1996 | 1.0 | Calcium | 4.01E+03 | | NS | NS | No Standard | No Standard | |
| CBK1901 | 7/17/1996 | 1.0 | Iron | 8.46E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK1901 | 7/17/1996 | 1.0 | Magnesium | 2.31E+03 | | NS | NS | No Standard | No Standard | |
| CBK1901 | 7/17/1996 | 1.0 | Manganese | 2.09E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK1901 | 7/26/2001 | 1.0 | Phosphorus | 1.45E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK1901 | 7/17/1996 | 1.0 | Potassium | 1.97E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CBK1901 | 7/17/1996 | 1.0 | Vanadium | 1.63E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CBK2001 | 7/17/1996 | 1.0 | Aluminum | 6.84E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CBK2001 | 7/17/1996 | 1.0 | Arsenic | 1.39E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CBK2001 | 7/17/1996 | 1.0 | Barium | 8.70E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CBK2001 | 7/17/1996 | 1.0 | Beryllium | 3.38E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CBK2001 | 7/17/1996 | 1.0 | Calcium | 9.73E+03 | | NS | NS | No Standard | No Standard | |
| CBK2001 | 7/17/1996 | 1.0 | Iron | 7.00E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CBK2001 | 7/17/1996 | 1.0 | Magnesium | 1.80E+03 | | NS | NS | No Standard | No Standard | |
| CBK2001 | 7/17/1996 | 1.0 | Manganese | 1.63E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CBK2001 | 7/26/2001 | 1.0 | Phosphorus | 1.61E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CBK2001 | 7/17/1996 | 1.0 | Potassium | 1.22E+03 | | NS | NS | No Standard | No Standard | |
| CBK2001 | 7/17/1996 | 1.0 | Vanadium | 1.38E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Aluminum | 3.28E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Arsenic | 3.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Barium | 1.72E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Beryllium | 1.11E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Cadmium | 3.88E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Calcium | 1.00E+05 | | NS | NS | No Standard | No Standard | |
| CDC020315 | 8/26/1996 | 15.0 | Chromium | 1.94E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC020315 | 8/26/1996 | 15.0 | Cobalt | 6.53E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Copper | 3.62E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Iron | 1.86E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Lead | 1.21E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Magnesium | 1.05E+04 | | NS | NS | No Standard | No Standard | |
| CDC020315 | 8/26/1996 | 15.0 | Manganese | 1.41E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Nickel | 1.14E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Potassium | 8.80E+03 | | NS | NS | No Standard | No Standard | |
| CDC020315 | 8/26/1996 | 15.0 | Silver | 8.54E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Sodium | 1.20E+03 | | NS | NS | No Standard | No Standard | |
| CDC020315 | 8/26/1996 | 15.0 | Thallium | 7.14E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Vanadium | 1.74E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC020315 | 8/26/1996 | 15.0 | Zinc | 2.10E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Aluminum | 5.30E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Arsenic | 1.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Barium | 3.68E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Beryllium | 1.47E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Cadmium | 9.03E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Calcium | 3.20E+04 | | NS | NS | No Standard | No Standard | |
| CDC020419 | 8/26/1996 | 19.0 | Chromium | 2.77E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC020419 | 8/26/1996 | 19.0 | Cobalt | 1.13E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Copper | 1.54E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Iron | 2.94E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC020419 | 8/26/1996 | 19.0 | Lead | 1.25E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Magnesium | 1.51E+04 | | NS | NS | No Standard | No Standard | |
| CDC020419 | 8/26/1996 | 19.0 | Manganese | 7.38E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC020419 | 8/26/1996 | 19.0 | Nickel | 2.38E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Potassium | 1.15E+04 | | NS | NS | No Standard | No Standard | |
| CDC020419 | 8/26/1996 | 19.0 | Silver | 5.20E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Sodium | 3.56E+03 | | NS | NS | No Standard | No Standard | |
| CDC020419 | 8/26/1996 | 19.0 | Vanadium | 2.42E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC020419 | 8/26/1996 | 19.0 | Zinc | 4.00E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Aluminum | 1.37E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Aluminum | 6.70E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Arsenic | 1.39E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Arsenic | 1.51E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Barium | 1.15E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Barium | 6.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Beryllium | 1.42E+00 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Beryllium | 1.45E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Calcium | 5.65E+03 | D | NS | NS | No Standard | No Standard | |
| CDC020520 | 8/27/1996 | 20.0 | Calcium | 2.15E+04 | | NS | NS | No Standard | No Standard | |
| CDC020520 | 8/27/1996 | 20.0 | Chromium | 7.93E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC020520 | 8/27/1996 | 20.0 | Chromium | 3.55E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC020520 | 8/27/1996 | 20.0 | Cobalt | 1.48E+01 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Cobalt | 1.47E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Copper | 7.22E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Copper | 1.54E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Iron | 6.81E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Iron | 3.17E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC020520 | 8/27/1996 | 20.0 | Lead | 1.29E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Lead | 1.45E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Magnesium | 4.26E+03 | D | NS | NS | No Standard | No Standard | |
| CDC020520 | 8/27/1996 | 20.0 | Magnesium | 2.15E+04 | | NS | NS | No Standard | No Standard | |
| CDC020520 | 8/27/1996 | 20.0 | Manganese | 1.15E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Manganese | 5.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Nickel | 2.31E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Nickel | 2.31E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Potassium | 2.40E+03 | D | NS | NS | No Standard | No Standard | |
| CDC020520 | 8/27/1996 | 20.0 | Potassium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| CDC020520 | 8/27/1996 | 20.0 | Sodium | 6.67E+02 | D | NS | NS | No Standard | No Standard | |
| CDC020520 | 8/27/1996 | 20.0 | Sodium | 2.96E+03 | | NS | NS | No Standard | No Standard | |
| CDC020520 | 8/27/1996 | 20.0 | Thallium | 8.63E-01 | DJ | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Thallium | 7.09E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Vanadium | 1.46E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Vanadium | 5.65E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Zinc | 1.21E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC020520 | 8/27/1996 | 20.0 | Zinc | 5.51E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC020915 | 8/27/1996 | 15.0 | Aluminum | 6.70E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC020915 | 8/27/1996 | 15.0 | Arsenic | 1.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC020915 | 8/27/1996 | 15.0 | Barium | 3.60E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC020915 | 8/27/1996 | 15.0 | Beryllium | 1.82E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC020915 | 8/27/1996 | 15.0 | Calcium | 3.45E+04 | | NS | NS | No Standard | No Standard | |
| CDC020915 | 8/27/1996 | 15.0 | Chromium | 3.69E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC020915 | 8/27/1996 | 15.0 | Cobalt | 1.30E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC020915 | 8/27/1996 | 15.0 | Copper | 7.51E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC020915 | 8/27/1996 | 15.0 | Iron | 3.18E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC020915 | 8/27/1996 | 15.0 | Lead | 1.15E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC020915 | 8/27/1996 | 15.0 | Magnesium | 1.70E+04 | | NS | NS | No Standard | No Standard | |
| CDC020915 | 8/27/1996 | 15.0 | Manganese | 7.62E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC020915 | 8/27/1996 | 15.0 | Nickel | 2.47E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC020915 | 8/27/1996 | 15.0 | Potassium | 1.70E+04 | | NS | NS | No Standard | No Standard | |
| CDC020915 | 8/27/1996 | 15.0 | Sodium | 3.70E+03 | | NS | NS | No Standard | No Standard | |
| CDC020915 | 8/27/1996 | 15.0 | Thallium | 6.13E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC020915 | 8/27/1996 | 15.0 | Vanadium | 4.82E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC020915 | 8/27/1996 | 15.0 | Zinc | 4.66E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC021215 | 8/27/1996 | 15.0 | Aluminum | 6.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC021215 | 8/27/1996 | 15.0 | Arsenic | 1.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC021215 | 8/27/1996 | 15.0 | Barium | 3.99E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC021215 | 8/27/1996 | 15.0 | Beryllium | 1.50E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC021215 | 8/27/1996 | 15.0 | Calcium | 3.29E+04 | | NS | NS | No Standard | No Standard | |
| CDC021215 | 8/27/1996 | 15.0 | Chromium | 3.19E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC021215 | 8/27/1996 | 15.0 | Cobalt | 1.08E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC021215 | 8/27/1996 | 15.0 | Copper | 7.34E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC021215 | 8/27/1996 | 15.0 | Iron | 2.78E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC021215 | 8/27/1996 | 15.0 | Lead | 1.11E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC021215 | 8/27/1996 | 15.0 | Magnesium | 1.59E+04 | | NS | NS | No Standard | No Standard | |
| CDC021215 | 8/27/1996 | 15.0 | Manganese | 6.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC021215 | 8/27/1996 | 15.0 | Nickel | 1.81E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC021215 | 8/27/1996 | 15.0 | Potassium | 1.30E+04 | | NS | NS | No Standard | No Standard | |
| CDC021215 | 8/27/1996 | 15.0 | Sodium | 2.37E+03 | | NS | NS | No Standard | No Standard | |
| CDC021215 | 8/27/1996 | 15.0 | Vanadium | 5.34E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC021215 | 8/27/1996 | 15.0 | Zinc | 3.89E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Aluminum | 4.24E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Antimony | 4.25E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Arsenic | 1.79E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Barium | 9.67E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Beryllium | 1.21E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Calcium | 4.51E+04 | | NS | NS | No Standard | No Standard | |
| CDC021615 | 8/28/1996 | 15.0 | Chromium | 2.10E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC021615 | 8/28/1996 | 15.0 | Cobalt | 6.97E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Copper | 1.19E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Iron | 2.30E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Lead | 1.34E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Magnesium | 1.08E+04 | | NS | NS | No Standard | No Standard | |
| CDC021615 | 8/28/1996 | 15.0 | Manganese | 8.60E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC021615 | 8/28/1996 | 15.0 | Nickel | 1.45E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Potassium | 9.52E+03 | | NS | NS | No Standard | No Standard | |
| CDC021615 | 8/28/1996 | 15.0 | Sodium | 2.83E+03 | | NS | NS | No Standard | No Standard | |
| CDC021615 | 8/28/1996 | 15.0 | Thallium | 1.26E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Vanadium | 2.21E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC021615 | 8/28/1996 | 15.0 | Zinc | 2.51E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Aluminum | 4.45E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Arsenic | 1.13E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Barium | 4.35E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Beryllium | 9.52E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Calcium | 3.12E+04 | | NS | NS | No Standard | No Standard | |
| CDC021915 | 8/28/1996 | 15.0 | Chromium | 2.55E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC021915 | 8/28/1996 | 15.0 | Cobalt | 9.58E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Copper | 2.43E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Iron | 2.24E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Lead | 1.17E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Magnesium | 1.53E+04 | | NS | NS | No Standard | No Standard | |
| CDC021915 | 8/28/1996 | 15.0 | Manganese | 6.44E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Nickel | 1.91E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Potassium | 6.59E+03 | | NS | NS | No Standard | No Standard | |
| CDC021915 | 8/28/1996 | 15.0 | Sodium | 2.43E+03 | | NS | NS | No Standard | No Standard | |
| CDC021915 | 8/28/1996 | 15.0 | Thallium | 1.07E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC021915 | 8/28/1996 | 15.0 | Vanadium | 9.17E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CDC021915 | 8/28/1996 | 15.0 | Zinc | 4.01E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Aluminum | 4.44E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Antimony | 3.91E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Arsenic | 1.60E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Barium | 1.11E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Beryllium | 1.32E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Calcium | 3.87E+04 | | NS | NS | No Standard | No Standard | |
| CDC022210 | 8/28/1996 | 10.0 | Chromium | 2.25E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC022210 | 8/28/1996 | 10.0 | Cobalt | 7.97E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Copper | 2.11E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Iron | 2.10E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Lead | 1.24E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Magnesium | 1.36E+04 | | NS | NS | No Standard | No Standard | |
| CDC022210 | 8/28/1996 | 10.0 | Manganese | 6.70E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Nickel | 1.78E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Potassium | 9.13E+03 | | NS | NS | No Standard | No Standard | |
| CDC022210 | 8/28/1996 | 10.0 | Sodium | 2.61E+03 | | NS | NS | No Standard | No Standard | |
| CDC022210 | 8/28/1996 | 10.0 | Thallium | 1.14E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Vanadium | 4.13E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC022210 | 8/28/1996 | 10.0 | Zinc | 2.83E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Aluminum | 3.97E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Antimony | 5.01E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC022615 | 8/28/1996 | 15.0 | Arsenic | 2.20E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Barium | 3.69E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Beryllium | 1.15E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Calcium | 4.81E+04 | | NS | NS | No Standard | No Standard | |
| CDC022615 | 8/28/1996 | 15.0 | Chromium | 2.00E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC022615 | 8/28/1996 | 15.0 | Cobalt | 7.52E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Copper | 1.49E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Iron | 2.13E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Lead | 1.26E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Magnesium | 1.16E+04 | | NS | NS | No Standard | No Standard | |
| CDC022615 | 8/28/1996 | 15.0 | Manganese | 8.57E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Nickel | 1.38E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Potassium | 8.74E+03 | | NS | NS | No Standard | No Standard | |
| CDC022615 | 8/28/1996 | 15.0 | Sodium | 2.48E+03 | | NS | NS | No Standard | No Standard | |
| CDC022615 | 8/28/1996 | 15.0 | Vanadium | 2.50E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC022615 | 8/28/1996 | 15.0 | Zinc | 2.78E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Aluminum | 3.77E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Antimony | 5.03E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Arsenic | 2.13E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Barium | 2.80E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Beryllium | 1.10E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Calcium | 3.97E+04 | | NS | NS | No Standard | No Standard | |
| CDC022910 | 8/28/1996 | 10.0 | Chromium | 1.75E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC022910 | 8/28/1996 | 10.0 | Cobalt | 6.65E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Copper | 1.12E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Iron | 2.19E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Lead | 1.30E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Magnesium | 1.03E+04 | | NS | NS | No Standard | No Standard | |
| CDC022910 | 8/28/1996 | 10.0 | Manganese | 7.12E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Nickel | 1.40E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Potassium | 7.81E+03 | | NS | NS | No Standard | No Standard | |
| CDC022910 | 8/28/1996 | 10.0 | Sodium | 2.08E+03 | | NS | NS | No Standard | No Standard | |
| CDC022910 | 8/28/1996 | 10.0 | Thallium | 6.02E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Vanadium | 1.84E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC022910 | 8/28/1996 | 10.0 | Zinc | 2.55E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Aluminum | 5.86E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Arsenic | 2.39E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Barium | 2.33E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Beryllium | 1.44E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Calcium | 2.77E+04 | | NS | NS | No Standard | No Standard | |
| CDC023315 | 8/28/1996 | 15.0 | Chromium | 3.24E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC023315 | 8/28/1996 | 15.0 | Cobalt | 8.92E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Copper | 2.56E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Iron | 3.19E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC023315 | 8/28/1996 | 15.0 | Lead | 1.39E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC023315 | 8/28/1996 | 15.0 | Magnesium | 1.47E+04 | | NS | NS | No Standard | No Standard | |
| CDC023315 | 8/28/1996 | 15.0 | Manganese | 5.54E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Molybdenum | 1.82E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Nickel | 2.40E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Potassium | 1.15E+04 | | NS | NS | No Standard | No Standard | |
| CDC023315 | 8/28/1996 | 15.0 | Sodium | 2.78E+03 | | NS | NS | No Standard | No Standard | |
| CDC023315 | 8/28/1996 | 15.0 | Thallium | 1.38E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Vanadium | 7.49E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC023315 | 8/28/1996 | 15.0 | Zinc | 3.95E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Aluminum | 7.80E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Arsenic | 1.27E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Barium | 1.47E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Beryllium | 4.29E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Calcium | 2.39E+04 | | NS | NS | No Standard | No Standard | |
| CDC0410015 | 8/23/1996 | 15.0 | Chromium | 6.19E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC0410015 | 8/23/1996 | 15.0 | Cobalt | 3.37E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Copper | 3.13E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Iron | 7.39E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Lead | 4.48E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Magnesium | 2.29E+03 | | NS | NS | No Standard | No Standard | |
| CDC0410015 | 8/23/1996 | 15.0 | Manganese | 1.86E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Nickel | 4.20E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Potassium | 1.26E+03 | | NS | NS | No Standard | No Standard | |
| CDC0410015 | 8/23/1996 | 15.0 | Silver | 5.09E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Sodium | 2.29E+02 | J | NS | NS | No Standard | No Standard | |
| CDC0410015 | 8/23/1996 | 15.0 | Vanadium | 1.44E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC0410015 | 8/23/1996 | 15.0 | Zinc | 1.12E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC0410205 | 8/23/1996 | 5.0 | 1,3-Dinitrobenzene | 2.38E+00 | | NS | 6.11E+00 | 6.11E+00 | Proposed | |
| CDC0410205 | 8/23/1996 | 5.0 | Aluminum | 3.02E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC0410205 | 8/23/1996 | 5.0 | Arsenic | 5.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CDC0410205 | 8/23/1996 | 5.0 | Barium | 1.28E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC0410205 | 8/23/1996 | 5.0 | Beryllium | 1.11E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC0410205 | 8/23/1996 | 5.0 | Calcium | 4.53E+04 | | NS | NS | No Standard | No Standard | |
| CDC0410205 | 8/23/1996 | 5.0 | Chromium | 2.15E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC0410205 | 8/23/1996 | 5.0 | Cobalt | 7.70E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC0410205 | 8/23/1996 | 5.0 | Copper | 6.69E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC0410205 | 8/23/1996 | 5.0 | Iron | 2.03E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC0410205 | 8/23/1996 | 5.0 | Lead | 1.03E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC0410205 | 8/23/1996 | 5.0 | Magnesium | 9.03E+03 | | NS | NS | No Standard | No Standard | |
| CDC0410205 | 8/23/1996 | 5.0 | Manganese | 5.30E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC0410205 | 8/23/1996 | 5.0 | Nickel | 1.43E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC0410205 | 8/23/1996 | 5.0 | Potassium | 6.29E+03 | | NS | NS | No Standard | No Standard | |
| CDC0410205 | 8/23/1996 | 5.0 | Sodium | 6.65E+02 | | NS | NS | No Standard | No Standard | |
| CDC0410205 | 8/23/1996 | 5.0 | Vanadium | 4.65E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC0410205 | 8/23/1996 | 5.0 | Zinc | 2.88E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC0410715 | 8/23/1996 | 15.0 | Aluminum | 6.88E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC0410715 | 8/23/1996 | 15.0 | Arsenic | 1.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC0410715 | 8/23/1996 | 15.0 | Barium | 1.16E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC0410715 | 8/23/1996 | 15.0 | Beryllium | 3.19E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC0410715 | 8/23/1996 | 15.0 | Calcium | 7.93E+03 | | NS | NS | No Standard | No Standard | |
| CDC0410715 | 8/23/1996 | 15.0 | Chromium | 5.70E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC0410715 | 8/23/1996 | 15.0 | Cobalt | 2.65E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC0410715 | 8/23/1996 | 15.0 | Copper | 2.13E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC0410715 | 8/23/1996 | 15.0 | Iron | 6.19E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC0410715 | 8/23/1996 | 15.0 | Lead | 3.30E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC0410715 | 8/23/1996 | 15.0 | Magnesium | 2.23E+03 | | NS | NS | No Standard | No Standard | |
| CDC0410715 | 8/23/1996 | 15.0 | Manganese | 1.51E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC0410715 | 8/23/1996 | 15.0 | Nickel | 3.37E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC0410715 | 8/23/1996 | 15.0 | Potassium | 1.25E+03 | | NS | NS | No Standard | No Standard | |
| CDC0410715 | 8/23/1996 | 15.0 | Sodium | 1.40E+02 | J | NS | NS | No Standard | No Standard | |
| CDC0410715 | 8/23/1996 | 15.0 | Vanadium | 1.49E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC0410715 | 8/23/1996 | 15.0 | Zinc | 8.52E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Aluminum | 4.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Arsenic | 2.28E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Barium | 5.02E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Beryllium | 1.24E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Calcium | 2.81E+04 | | NS | NS | No Standard | No Standard | |
| CDC0411415 | 8/23/1996 | 15.0 | Chromium | 2.07E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC0411415 | 8/23/1996 | 15.0 | Cobalt | 8.23E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Copper | 7.22E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Iron | 2.39E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC0411415 | 8/23/1996 | 15.0 | Lead | 1.22E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Magnesium | 1.26E+04 | | NS | NS | No Standard | No Standard | |
| CDC0411415 | 8/23/1996 | 15.0 | Manganese | 5.68E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Mercury | 4.04E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Nickel | 1.82E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Potassium | 9.18E+03 | | NS | NS | No Standard | No Standard | |
| CDC0411415 | 8/23/1996 | 15.0 | Silver | 7.24E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Sodium | 1.27E+03 | | NS | NS | No Standard | No Standard | |
| CDC0411415 | 8/23/1996 | 15.0 | Thallium | 6.03E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Vanadium | 1.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC0411415 | 8/23/1996 | 15.0 | Zinc | 3.04E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC0411715 | 8/24/1996 | 15.0 | Aluminum | 4.22E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC0411715 | 8/24/1996 | 15.0 | Arsenic | 9.07E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC0411715 | 8/24/1996 | 15.0 | Barium | 2.92E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC0411715 | 8/24/1996 | 15.0 | Beryllium | 1.99E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC0411715 | 8/24/1996 | 15.0 | Calcium | 1.37E+04 | | NS | NS | No Standard | No Standard | |
| CDC0411715 | 8/24/1996 | 15.0 | Chromium | 1.89E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC0411715 | 8/24/1996 | 15.0 | Cobalt | 5.38E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC0411715 | 8/24/1996 | 15.0 | Copper | 2.35E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC0411715 | 8/24/1996 | 15.0 | Iron | 2.97E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC0411715 | 8/24/1996 | 15.0 | Lead | 2.18E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC0411715 | 8/24/1996 | 15.0 | Magnesium | 8.31E+03 | | NS | NS | No Standard | No Standard | |
| CDC0411715 | 8/24/1996 | 15.0 | Manganese | 2.71E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC0411715 | 8/24/1996 | 15.0 | Nickel | 1.17E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC0411715 | 8/24/1996 | 15.0 | Potassium | 6.16E+03 | | NS | NS | No Standard | No Standard | |
| CDC0411715 | 8/24/1996 | 15.0 | Silver | 5.99E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC0411715 | 8/24/1996 | 15.0 | Sodium | 1.53E+03 | | NS | NS | No Standard | No Standard | |
| CDC0411715 | 8/24/1996 | 15.0 | Vanadium | 3.62E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC0411715 | 8/24/1996 | 15.0 | Zinc | 2.32E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | 1,3-Dinitrobenzene | 3.72E+00 | | NS | 6.11E+00 | 6.11E+00 | Proposed | |
| CDC0412415 | 8/26/1996 | 15.0 | Aluminum | 4.47E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Arsenic | 2.27E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Barium | 3.68E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Beryllium | 1.36E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Cadmium | 9.52E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Calcium | 3.88E+04 | | NS | NS | No Standard | No Standard | |
| CDC0412415 | 8/26/1996 | 15.0 | Chromium | 2.19E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC0412415 | 8/26/1996 | 15.0 | Cobalt | 9.61E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Copper | 9.57E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Iron | 2.49E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC0412415 | 8/26/1996 | 15.0 | Lead | 1.45E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Magnesium | 1.37E+04 | | NS | NS | No Standard | No Standard | |
| CDC0412415 | 8/26/1996 | 15.0 | Manganese | 1.30E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Nickel | 1.86E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Potassium | 1.05E+04 | | NS | NS | No Standard | No Standard | |
| CDC0412415 | 8/26/1996 | 15.0 | Silver | 1.06E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Sodium | 1.77E+03 | | NS | NS | No Standard | No Standard | |
| CDC0412415 | 8/26/1996 | 15.0 | Total organic carbon | 2.81E+03 | | NS | NS | No Standard | No Standard | |
| CDC0412415 | 8/26/1996 | 15.0 | Vanadium | 2.73E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC0412415 | 8/26/1996 | 15.0 | Zinc | 3.10E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Aluminum | 5.50E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Arsenic | 2.42E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Barium | 3.08E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Beryllium | 1.16E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Cadmium | 2.79E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Calcium | 4.91E+04 | | NS | NS | No Standard | No Standard | |
| CDC060210 | 8/17/1996 | 10.0 | Chromium | 3.43E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC060210 | 8/17/1996 | 10.0 | Cobalt | 9.02E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Copper | 5.21E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Iron | 2.59E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC060210 | 8/17/1996 | 10.0 | Lead | 1.02E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Magnesium | 1.54E+04 | | NS | NS | No Standard | No Standard | |
| CDC060210 | 8/17/1996 | 10.0 | Manganese | 4.00E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Molybdenum | 3.24E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC060210 | 8/17/1996 | 10.0 | Nickel | 2.11E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Potassium | 1.30E+04 | | NS | NS | No Standard | No Standard | |
| CDC060210 | 8/17/1996 | 10.0 | Sodium | 1.97E+03 | | NS | NS | No Standard | No Standard | |
| CDC060210 | 8/17/1996 | 10.0 | Thallium | 2.30E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Vanadium | 4.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC060210 | 8/17/1996 | 10.0 | Zinc | 3.99E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Aluminum | 6.40E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Arsenic | 2.08E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Barium | 1.92E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Beryllium | 1.16E+00 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Calcium | 3.02E+04 | J | NS | NS | No Standard | No Standard | |
| CDC060815 | 8/19/1996 | 15.0 | Chromium | 3.56E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC060815 | 8/19/1996 | 15.0 | Cobalt | 9.59E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Copper | 4.72E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Iron | 3.32E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC060815 | 8/19/1996 | 15.0 | Lead | 1.26E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Magnesium | 1.72E+04 | J | NS | NS | No Standard | No Standard | |
| CDC060815 | 8/19/1996 | 15.0 | Manganese | 4.97E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Nickel | 2.56E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Potassium | 1.04E+04 | J | NS | NS | No Standard | No Standard | |
| CDC060815 | 8/19/1996 | 15.0 | Sodium | 2.61E+03 | J | NS | NS | No Standard | No Standard | |
| CDC060815 | 8/19/1996 | 15.0 | Thallium | 9.84E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Vanadium | 5.79E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC060815 | 8/19/1996 | 15.0 | Zinc | 4.81E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | 1,3,5-Trinitrobenzene | 3.44E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CDC061015 | 8/19/1996 | 15.0 | 2,4,6-Trinitrotoluene | 9.04E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| CDC061015 | 8/19/1996 | 15.0 | 2-Amino-4,6-dinitrotoluene | 1.15E+00 | J | NS | NS | No Standard | No Standard | |
| CDC061015 | 8/19/1996 | 15.0 | 4-Amino-2,6-dinitrotoluene | 1.07E+00 | J | NS | NS | No Standard | No Standard | |
| CDC061015 | 8/19/1996 | 15.0 | Aluminum | 4.47E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Arsenic | 3.12E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Barium | 5.15E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Beryllium | 9.29E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Cadmium | 7.04E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Calcium | 4.54E+04 | J | NS | NS | No Standard | No Standard | |
| CDC061015 | 8/19/1996 | 15.0 | Chromium | 3.38E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC061015 | 8/19/1996 | 15.0 | Cobalt | 8.85E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Copper | 7.67E+01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Iron | 2.32E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Lead | 1.29E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Magnesium | 1.31E+04 | J | NS | NS | No Standard | No Standard | |
| CDC061015 | 8/19/1996 | 15.0 | Manganese | 4.95E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Mercury | 3.83E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Nickel | 2.11E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Potassium | 1.07E+04 | J | NS | NS | No Standard | No Standard | |
| CDC061015 | 8/19/1996 | 15.0 | RDX | 5.32E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC061015 | 8/19/1996 | 15.0 | Sodium | 7.49E+02 | J | NS | NS | No Standard | No Standard | |
| CDC061015 | 8/19/1996 | 15.0 | Vanadium | 4.79E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC061015 | 8/19/1996 | 15.0 | Zinc | 4.17E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | 2,4,6-Trinitrotoluene | 3.37E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | 2-Amino-4,6-dinitrotoluene | 1.91E+00 | J | NS | NS | No Standard | No Standard | |
| CDC061205 | 8/19/1996 | 5.0 | 4-Amino-2,6-dinitrotoluene | 1.94E+00 | J | NS | NS | No Standard | No Standard | |
| CDC061205 | 8/19/1996 | 5.0 | Aluminum | 4.05E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Arsenic | 2.28E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Barium | 3.88E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Beryllium | 8.67E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Cadmium | 7.46E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Calcium | 3.76E+04 | J | NS | NS | No Standard | No Standard | |
| CDC061205 | 8/19/1996 | 5.0 | Chromium | 3.93E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC061205 | 8/19/1996 | 5.0 | Cobalt | 7.64E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Copper | 3.75E+02 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Iron | 2.22E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Lead | 1.40E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Magnesium | 1.14E+04 | J | NS | NS | No Standard | No Standard | |
| CDC061205 | 8/19/1996 | 5.0 | Manganese | 4.64E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Nickel | 2.47E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Potassium | 9.11E+03 | J | NS | NS | No Standard | No Standard | |
| CDC061205 | 8/19/1996 | 5.0 | Sodium | 6.97E+02 | J | NS | NS | No Standard | No Standard | |
| CDC061205 | 8/19/1996 | 5.0 | Thallium | 8.83E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Vanadium | 4.30E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC061205 | 8/19/1996 | 5.0 | Zinc | 4.11E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Aluminum | 2.13E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Arsenic | 3.53E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Barium | 6.50E+01 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Beryllium | 5.27E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Calcium | 2.41E+04 | J | NS | NS | No Standard | No Standard | |
| CDC061715 | 8/19/1996 | 15.0 | Chromium | 1.51E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC061715 | 8/19/1996 | 15.0 | Cobalt | 5.68E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Copper | 4.71E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Iron | 1.38E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Lead | 6.27E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Magnesium | 5.71E+03 | J | NS | NS | No Standard | No Standard | |
| CDC061715 | 8/19/1996 | 15.0 | Manganese | 3.28E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Nickel | 1.09E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Potassium | 4.45E+03 | J | NS | NS | No Standard | No Standard | |
| CDC061715 | 8/19/1996 | 15.0 | Sodium | 7.43E+02 | J | NS | NS | No Standard | No Standard | |
| CDC061715 | 8/19/1996 | 15.0 | Vanadium | 3.46E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC061715 | 8/19/1996 | 15.0 | Zinc | 2.31E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Aluminum | 2.96E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Arsenic | 2.68E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Barium | 2.90E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC061905 | 8/19/1996 | 5.0 | Beryllium | 6.99E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Cadmium | 4.03E+00 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Calcium | 3.69E+04 | J | NS | NS | No Standard | No Standard | |
| CDC061905 | 8/19/1996 | 5.0 | Chromium | 2.35E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC061905 | 8/19/1996 | 5.0 | Cobalt | 6.07E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Copper | 1.09E+02 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | HMX | 3.31E-01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Iron | 1.79E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Lead | 1.76E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Magnesium | 8.31E+03 | J | NS | NS | No Standard | No Standard | |
| CDC061905 | 8/19/1996 | 5.0 | Manganese | 4.21E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Molybdenum | 1.71E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Nickel | 1.47E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Potassium | 6.96E+03 | J | NS | NS | No Standard | No Standard | |
| CDC061905 | 8/19/1996 | 5.0 | RDX | 2.02E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Sodium | 4.38E+02 | J | NS | NS | No Standard | No Standard | |
| CDC061905 | 8/19/1996 | 5.0 | Vanadium | 3.62E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC061905 | 8/19/1996 | 5.0 | Zinc | 5.85E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Aluminum | 4.71E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Arsenic | 2.98E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Barium | 3.91E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Beryllium | 1.05E+00 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Calcium | 6.20E+04 | J | NS | NS | No Standard | No Standard | |
| CDC062315 | 8/19/1996 | 15.0 | Chromium | 2.63E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC062315 | 8/19/1996 | 15.0 | Cobalt | 8.25E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Copper | 5.84E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Iron | 2.28E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Lead | 1.04E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Magnesium | 1.64E+04 | J | NS | NS | No Standard | No Standard | |
| CDC062315 | 8/19/1996 | 15.0 | Manganese | 7.30E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Nickel | 1.87E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Potassium | 9.90E+03 | J | NS | NS | No Standard | No Standard | |
| CDC062315 | 8/19/1996 | 15.0 | Sodium | 1.48E+03 | J | NS | NS | No Standard | No Standard | |
| CDC062315 | 8/19/1996 | 15.0 | Thallium | 6.68E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Vanadium | 4.17E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC062315 | 8/19/1996 | 15.0 | Zinc | 3.39E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Aluminum | 3.47E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Arsenic | 2.30E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Barium | 7.92E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Beryllium | 8.13E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Calcium | 5.40E+04 | J | NS | NS | No Standard | No Standard | |
| CDC062505 | 8/19/1996 | 5.0 | Chromium | 1.99E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC062505 | 8/19/1996 | 5.0 | Cobalt | 7.44E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Copper | 3.82E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Iron | 1.94E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC062505 | 8/19/1996 | 5.0 | Lead | 9.73E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Magnesium | 1.26E+04 | J | NS | NS | No Standard | No Standard | |
| CDC062505 | 8/19/1996 | 5.0 | Manganese | 6.96E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Molybdenum | 1.61E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Nickel | 1.55E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Potassium | 7.13E+03 | J | NS | NS | No Standard | No Standard | |
| CDC062505 | 8/19/1996 | 5.0 | Sodium | 1.05E+03 | J | NS | NS | No Standard | No Standard | |
| CDC062505 | 8/19/1996 | 5.0 | Thallium | 8.82E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Vanadium | 3.69E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC062505 | 8/19/1996 | 5.0 | Zinc | 2.46E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC063015 | 8/20/1996 | 15.0 | Aluminum | 7.80E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CDC063015 | 8/20/1996 | 15.0 | Antimony | 5.48E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| CDC063015 | 8/20/1996 | 15.0 | Arsenic | 3.17E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC063015 | 8/20/1996 | 15.0 | Barium | 3.19E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC063015 | 8/20/1996 | 15.0 | Beryllium | 1.80E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC063015 | 8/20/1996 | 15.0 | Cadmium | 1.66E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC063015 | 8/20/1996 | 15.0 | Calcium | 1.40E+05 | | NS | NS | No Standard | No Standard | |
| CDC063015 | 8/20/1996 | 15.0 | Chromium | 4.66E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC063015 | 8/20/1996 | 15.0 | Cobalt | 1.63E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC063015 | 8/20/1996 | 15.0 | Copper | 9.27E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC063015 | 8/20/1996 | 15.0 | Iron | 3.02E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC063015 | 8/20/1996 | 15.0 | Lead | 1.37E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC063015 | 8/20/1996 | 15.0 | Magnesium | 2.99E+04 | | NS | NS | No Standard | No Standard | |
| CDC063015 | 8/20/1996 | 15.0 | Manganese | 1.47E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC063015 | 8/20/1996 | 15.0 | Nickel | 3.32E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC063015 | 8/20/1996 | 15.0 | Potassium | 1.60E+04 | | NS | NS | No Standard | No Standard | |
| CDC063015 | 8/20/1996 | 15.0 | Sodium | 4.13E+03 | | NS | NS | No Standard | No Standard | |
| CDC063015 | 8/20/1996 | 15.0 | Thallium | 7.56E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC063015 | 8/20/1996 | 15.0 | Total organic carbon | 3.10E+03 | | NS | NS | No Standard | No Standard | |
| CDC063015 | 8/20/1996 | 15.0 | Vanadium | 6.90E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CDC063015 | 8/20/1996 | 15.0 | Zinc | 6.45E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Aluminum | 1.25E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Arsenic | 3.22E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Barium | 1.45E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Beryllium | 5.49E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Calcium | 1.45E+04 | | NS | NS | No Standard | No Standard | |
| CDC083205 | 8/20/1996 | 5.0 | Chromium | 9.91E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC083205 | 8/20/1996 | 5.0 | Cobalt | 4.27E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Copper | 4.07E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Iron | 1.06E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Lead | 6.67E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Magnesium | 2.89E+03 | | NS | NS | No Standard | No Standard | |
| CDC083205 | 8/20/1996 | 5.0 | Manganese | 2.81E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Molybdenum | 2.16E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Nickel | 4.32E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC083205 | 8/20/1996 | 5.0 | Potassium | 3.15E+03 | | NS | NS | No Standard | No Standard | |
| CDC083205 | 8/20/1996 | 5.0 | Sodium | 5.82E+01 | J | NS | NS | No Standard | No Standard | |
| CDC083205 | 8/20/1996 | 5.0 | Vanadium | 3.03E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC083205 | 8/20/1996 | 5.0 | Zinc | 2.00E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC083715 | 8/20/1996 | 15.0 | Aluminum | 7.80E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CDC083715 | 8/20/1996 | 15.0 | Arsenic | 4.33E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CDC083715 | 8/20/1996 | 15.0 | Barium | 5.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC083715 | 8/20/1996 | 15.0 | Beryllium | 2.18E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC083715 | 8/20/1996 | 15.0 | Cadmium | 1.59E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC083715 | 8/20/1996 | 15.0 | Calcium | 1.00E+05 | | NS | NS | No Standard | No Standard | |
| CDC083715 | 8/20/1996 | 15.0 | Chromium | 4.96E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC083715 | 8/20/1996 | 15.0 | Cobalt | 1.59E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC083715 | 8/20/1996 | 15.0 | Copper | 9.32E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC083715 | 8/20/1996 | 15.0 | Iron | 4.32E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC083715 | 8/20/1996 | 15.0 | Lead | 2.13E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC083715 | 8/20/1996 | 15.0 | Magnesium | 2.18E+04 | | NS | NS | No Standard | No Standard | |
| CDC083715 | 8/20/1996 | 15.0 | Manganese | 1.07E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC083715 | 8/20/1996 | 15.0 | Molybdenum | 2.68E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC083715 | 8/20/1996 | 15.0 | Nickel | 3.26E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC083715 | 8/20/1996 | 15.0 | Potassium | 1.70E+04 | | NS | NS | No Standard | No Standard | |
| CDC083715 | 8/20/1996 | 15.0 | Sodium | 2.67E+03 | | NS | NS | No Standard | No Standard | |
| CDC083715 | 8/20/1996 | 15.0 | Thallium | 1.40E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC083715 | 8/20/1996 | 15.0 | Vanadium | 8.59E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CDC083715 | 8/20/1996 | 15.0 | Zinc | 6.95E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Aluminum | 4.40E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Arsenic | 6.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CDC084015 | 8/20/1996 | 15.0 | Barium | 3.25E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Beryllium | 1.75E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Cadmium | 7.87E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Calcium | 5.93E+04 | | NS | NS | No Standard | No Standard | |
| CDC084015 | 8/20/1996 | 15.0 | Chromium | 3.32E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC084015 | 8/20/1996 | 15.0 | Cobalt | 1.03E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Copper | 1.22E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Iron | 3.14E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC084015 | 8/20/1996 | 15.0 | Lead | 1.77E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Magnesium | 1.36E+04 | | NS | NS | No Standard | No Standard | |
| CDC084015 | 8/20/1996 | 15.0 | Manganese | 6.65E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Molybdenum | 5.25E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Nickel | 1.82E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Potassium | 1.03E+04 | | NS | NS | No Standard | No Standard | |
| CDC084015 | 8/20/1996 | 15.0 | Sodium | 3.08E+02 | J | NS | NS | No Standard | No Standard | |
| CDC084015 | 8/20/1996 | 15.0 | Thallium | 8.45E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC084015 | 8/20/1996 | 15.0 | Vanadium | 8.17E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CDC084015 | 8/20/1996 | 15.0 | Zinc | 6.19E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Aluminum | 5.06E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC084205 | 8/20/1996 | 5.0 | Arsenic | 5.70E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CDC084205 | 8/20/1996 | 5.0 | Barium | 4.43E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Beryllium | 1.98E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Cadmium | 1.51E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Calcium | 5.54E+04 | | NS | NS | No Standard | No Standard | |
| CDC084205 | 8/20/1996 | 5.0 | Chromium | 3.43E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC084205 | 8/20/1996 | 5.0 | Cobalt | 1.18E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Copper | 2.71E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Iron | 3.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC084205 | 8/20/1996 | 5.0 | Lead | 1.90E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Magnesium | 1.31E+04 | | NS | NS | No Standard | No Standard | |
| CDC084205 | 8/20/1996 | 5.0 | Manganese | 7.61E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Molybdenum | 4.51E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Nickel | 2.10E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Potassium | 1.15E+04 | | NS | NS | No Standard | No Standard | |
| CDC084205 | 8/20/1996 | 5.0 | Sodium | 2.49E+02 | J | NS | NS | No Standard | No Standard | |
| CDC084205 | 8/20/1996 | 5.0 | Thallium | 9.92E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Vanadium | 7.25E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC084205 | 8/20/1996 | 5.0 | Zinc | 6.39E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Aluminum | 1.89E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Arsenic | 2.56E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Barium | 1.34E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Beryllium | 9.05E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Calcium | 2.06E+04 | | NS | NS | No Standard | No Standard | |
| CDC084715 | 8/20/1996 | 15.0 | Chromium | 1.29E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC084715 | 8/20/1996 | 15.0 | Cobalt | 5.94E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Copper | 5.74E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Iron | 1.53E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Lead | 8.29E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Magnesium | 4.75E+03 | | NS | NS | No Standard | No Standard | |
| CDC084715 | 8/20/1996 | 15.0 | Manganese | 3.00E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Nickel | 7.02E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Potassium | 3.51E+03 | | NS | NS | No Standard | No Standard | |
| CDC084715 | 8/20/1996 | 15.0 | Sodium | 1.48E+02 | J | NS | NS | No Standard | No Standard | |
| CDC084715 | 8/20/1996 | 15.0 | Vanadium | 3.16E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC084715 | 8/20/1996 | 15.0 | Zinc | 2.47E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Aluminum | 2.19E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Arsenic | 2.13E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Barium | 2.78E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Beryllium | 6.37E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Calcium | 3.47E+04 | | NS | NS | No Standard | No Standard | |
| CDC085515 | 8/21/1996 | 15.0 | Chromium | 1.63E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC085515 | 8/21/1996 | 15.0 | Cobalt | 6.29E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Copper | 4.03E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Iron | 1.47E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC085515 | 8/21/1996 | 15.0 | Lead | 7.50E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Magnesium | 7.53E+03 | | NS | NS | No Standard | No Standard | |
| CDC085515 | 8/21/1996 | 15.0 | Manganese | 2.78E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Mercury | 3.82E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Nickel | 1.07E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Potassium | 5.09E+03 | | NS | NS | No Standard | No Standard | |
| CDC085515 | 8/21/1996 | 15.0 | Silver | 5.36E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Sodium | 8.53E+02 | | NS | NS | No Standard | No Standard | |
| CDC085515 | 8/21/1996 | 15.0 | Total organic carbon | 1.54E+03 | | NS | NS | No Standard | No Standard | |
| CDC085515 | 8/21/1996 | 15.0 | Vanadium | 2.85E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC085515 | 8/21/1996 | 15.0 | Zinc | 2.32E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Aluminum | 7.84E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Arsenic | 1.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Barium | 7.22E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Beryllium | 4.08E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Calcium | 9.77E+03 | | NS | NS | No Standard | No Standard | |
| CDC085705 | 8/21/1996 | 5.0 | Chromium | 5.50E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC085705 | 8/21/1996 | 5.0 | Cobalt | 2.66E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Copper | 2.41E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Iron | 6.70E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Lead | 3.99E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Magnesium | 2.09E+03 | | NS | NS | No Standard | No Standard | |
| CDC085705 | 8/21/1996 | 5.0 | Manganese | 1.50E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Mercury | 3.42E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Nickel | 2.86E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Potassium | 1.74E+03 | | NS | NS | No Standard | No Standard | |
| CDC085705 | 8/21/1996 | 5.0 | Sodium | 3.79E+01 | J | NS | NS | No Standard | No Standard | |
| CDC085705 | 8/21/1996 | 5.0 | Vanadium | 1.41E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC085705 | 8/21/1996 | 5.0 | Zinc | 1.08E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Aluminum | 1.59E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Arsenic | 2.30E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Barium | 1.41E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Beryllium | 5.53E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Calcium | 3.23E+04 | | NS | NS | No Standard | No Standard | |
| CDC086215 | 8/21/1996 | 15.0 | Chromium | 1.21E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC086215 | 8/21/1996 | 15.0 | Cobalt | 4.61E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Copper | 3.55E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Iron | 1.12E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Lead | 5.77E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Magnesium | 5.69E+03 | | NS | NS | No Standard | No Standard | |
| CDC086215 | 8/21/1996 | 15.0 | Manganese | 3.03E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Mercury | 3.48E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Nickel | 8.04E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Potassium | 4.23E+03 | | NS | NS | No Standard | No Standard | |
| CDC086215 | 8/21/1996 | 15.0 | Sodium | 1.65E+02 | J | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC086215 | 8/21/1996 | 15.0 | Vanadium | 2.32E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC086215 | 8/21/1996 | 15.0 | Zinc | 1.98E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Aluminum | 4.26E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Arsenic | 2.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Barium | 5.06E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Beryllium | 1.24E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Calcium | 6.23E+04 | | NS | NS | No Standard | No Standard | |
| CDC106815 | 8/21/1996 | 15.0 | Chromium | 2.37E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC106815 | 8/21/1996 | 15.0 | Cobalt | 1.04E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Copper | 3.51E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Iron | 2.66E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC106815 | 8/21/1996 | 15.0 | Lead | 1.25E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Magnesium | 1.34E+04 | | NS | NS | No Standard | No Standard | |
| CDC106815 | 8/21/1996 | 15.0 | Manganese | 8.83E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Nickel | 1.98E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Potassium | 9.66E+03 | | NS | NS | No Standard | No Standard | |
| CDC106815 | 8/21/1996 | 15.0 | Silver | 6.43E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Sodium | 2.69E+03 | | NS | NS | No Standard | No Standard | |
| CDC106815 | 8/21/1996 | 15.0 | Vanadium | 3.61E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC106815 | 8/21/1996 | 15.0 | Zinc | 3.62E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Aluminum | 2.46E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Aluminum | 2.65E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Arsenic | 2.87E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Arsenic | 2.23E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Barium | 2.95E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Barium | 3.10E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Beryllium | 7.92E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Beryllium | 8.12E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Calcium | 3.55E+04 | D | NS | NS | No Standard | No Standard | |
| CDC107815 | 8/22/1996 | 15.0 | Calcium | 3.03E+04 | | NS | NS | No Standard | No Standard | |
| CDC107815 | 8/22/1996 | 15.0 | Chromium | 1.88E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC107815 | 8/22/1996 | 15.0 | Chromium | 1.97E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC107815 | 8/22/1996 | 15.0 | Cobalt | 7.06E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Cobalt | 6.90E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Copper | 4.64E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Copper | 4.23E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Iron | 1.76E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Iron | 1.77E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Lead | 9.34E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Lead | 9.02E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Magnesium | 8.24E+03 | D | NS | NS | No Standard | No Standard | |
| CDC107815 | 8/22/1996 | 15.0 | Magnesium | 8.24E+03 | | NS | NS | No Standard | No Standard | |
| CDC107815 | 8/22/1996 | 15.0 | Manganese | 3.53E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Manganese | 3.42E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Nickel | 1.38E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC107815 | 8/22/1996 | 15.0 | Nickel | 1.35E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Potassium | 4.55E+03 | D | NS | NS | No Standard | No Standard | |
| CDC107815 | 8/22/1996 | 15.0 | Potassium | 5.16E+03 | | NS | NS | No Standard | No Standard | |
| CDC107815 | 8/22/1996 | 15.0 | Sodium | 4.15E+02 | DJ | NS | NS | No Standard | No Standard | |
| CDC107815 | 8/22/1996 | 15.0 | Sodium | 3.76E+02 | J | NS | NS | No Standard | No Standard | |
| CDC107815 | 8/22/1996 | 15.0 | Vanadium | 3.58E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Vanadium | 3.55E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Zinc | 2.52E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC107815 | 8/22/1996 | 15.0 | Zinc | 2.54E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Aluminum | 2.35E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Arsenic | 2.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Barium | 3.18E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Beryllium | 7.61E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Cadmium | 4.06E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Calcium | 3.47E+04 | | NS | NS | No Standard | No Standard | |
| CDC107820 | 8/22/1996 | 20.0 | Chromium | 1.93E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC107820 | 8/22/1996 | 20.0 | Cobalt | 6.65E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Copper | 9.35E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Iron | 1.69E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Lead | 1.06E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Magnesium | 7.30E+03 | | NS | NS | No Standard | No Standard | |
| CDC107820 | 8/22/1996 | 20.0 | Manganese | 4.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Nickel | 1.18E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Potassium | 5.43E+03 | | NS | NS | No Standard | No Standard | |
| CDC107820 | 8/22/1996 | 20.0 | Silver | 5.12E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Sodium | 6.04E+02 | | NS | NS | No Standard | No Standard | |
| CDC107820 | 8/22/1996 | 20.0 | Vanadium | 3.12E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC107820 | 8/22/1996 | 20.0 | Zinc | 3.48E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC107915 | 8/22/1996 | 15.0 | Aluminum | 2.51E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC107915 | 8/22/1996 | 15.0 | Arsenic | 2.32E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CDC107915 | 8/22/1996 | 15.0 | Barium | 3.61E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC107915 | 8/22/1996 | 15.0 | Beryllium | 8.02E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC107915 | 8/22/1996 | 15.0 | Cadmium | 7.84E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC107915 | 8/22/1996 | 15.0 | Calcium | 3.73E+04 | | NS | NS | No Standard | No Standard | |
| CDC107915 | 8/22/1996 | 15.0 | Chromium | 2.00E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC107915 | 8/22/1996 | 15.0 | Cobalt | 6.59E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC107915 | 8/22/1996 | 15.0 | Copper | 3.07E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC107915 | 8/22/1996 | 15.0 | Iron | 1.70E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC107915 | 8/22/1996 | 15.0 | Lead | 8.51E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC107915 | 8/22/1996 | 15.0 | Magnesium | 7.91E+03 | | NS | NS | No Standard | No Standard | |
| CDC107915 | 8/22/1996 | 15.0 | Manganese | 4.27E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC107915 | 8/22/1996 | 15.0 | Nickel | 1.28E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC107915 | 8/22/1996 | 15.0 | Potassium | 5.46E+03 | | NS | NS | No Standard | No Standard | |
| CDC107915 | 8/22/1996 | 15.0 | Sodium | 7.05E+02 | | NS | NS | No Standard | No Standard | |
| CDC107915 | 8/22/1996 | 15.0 | Vanadium | 3.28E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC107915 | 8/22/1996 | 15.0 | Zinc | 2.65E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Aluminum | 2.41E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Arsenic | 2.84E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Barium | 2.80E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Beryllium | 8.02E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Cadmium | 3.53E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Calcium | 4.60E+04 | | NS | NS | No Standard | No Standard | |
| CDC108105 | 8/22/1996 | 5.0 | Chromium | 2.61E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC108105 | 8/22/1996 | 5.0 | Cobalt | 6.01E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Copper | 1.35E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Iron | 1.66E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Lead | 9.43E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Magnesium | 9.23E+03 | | NS | NS | No Standard | No Standard | |
| CDC108105 | 8/22/1996 | 5.0 | Manganese | 3.76E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Nickel | 1.66E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Potassium | 6.72E+03 | | NS | NS | No Standard | No Standard | |
| CDC108105 | 8/22/1996 | 5.0 | Sodium | 6.74E+02 | | NS | NS | No Standard | No Standard | |
| CDC108105 | 8/22/1996 | 5.0 | Vanadium | 2.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC108105 | 8/22/1996 | 5.0 | Zinc | 3.97E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Aluminum | 2.80E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Arsenic | 2.97E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Barium | 2.81E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Beryllium | 9.71E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Calcium | 4.91E+04 | | NS | NS | No Standard | No Standard | |
| CDC108615 | 8/22/1996 | 15.0 | Chromium | 1.96E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC108615 | 8/22/1996 | 15.0 | Cobalt | 6.94E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Copper | 6.00E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Iron | 1.88E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Lead | 8.84E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Magnesium | 8.94E+03 | | NS | NS | No Standard | No Standard | |
| CDC108615 | 8/22/1996 | 15.0 | Manganese | 3.57E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Nickel | 1.25E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Potassium | 6.33E+03 | | NS | NS | No Standard | No Standard | |
| CDC108615 | 8/22/1996 | 15.0 | Sodium | 1.90E+03 | | NS | NS | No Standard | No Standard | |
| CDC108615 | 8/22/1996 | 15.0 | Vanadium | 4.03E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC108615 | 8/22/1996 | 15.0 | Zinc | 3.24E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Aluminum | 1.70E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Arsenic | 1.76E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Barium | 1.69E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Beryllium | 5.79E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Cadmium | 1.40E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Calcium | 1.78E+04 | | NS | NS | No Standard | No Standard | |
| CDC108805 | 8/22/1996 | 5.0 | Chromium | 1.64E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC108805 | 8/22/1996 | 5.0 | Cobalt | 4.34E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Copper | 1.60E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CDC108805 | 8/22/1996 | 5.0 | Iron | 1.24E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Lead | 7.08E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Magnesium | 4.61E+03 | | NS | NS | No Standard | No Standard | |
| CDC108805 | 8/22/1996 | 5.0 | Manganese | 2.91E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Nickel | 8.36E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Potassium | 3.99E+03 | | NS | NS | No Standard | No Standard | |
| CDC108805 | 8/22/1996 | 5.0 | Silver | 7.12E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Sodium | 4.44E+02 | J | NS | NS | No Standard | No Standard | |
| CDC108805 | 8/22/1996 | 5.0 | Vanadium | 2.79E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC108805 | 8/22/1996 | 5.0 | Zinc | 2.47E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Aluminum | 4.05E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Arsenic | 1.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Barium | 2.92E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Beryllium | 1.22E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Calcium | 4.04E+04 | | NS | NS | No Standard | No Standard | |
| CDC109315 | 8/22/1996 | 15.0 | Chromium | 2.96E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CDC109315 | 8/22/1996 | 15.0 | Cobalt | 8.96E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Copper | 3.52E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Iron | 2.34E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Lead | 1.16E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Magnesium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| CDC109315 | 8/22/1996 | 15.0 | Manganese | 6.42E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Nickel | 1.93E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Potassium | 9.91E+03 | | NS | NS | No Standard | No Standard | |
| CDC109315 | 8/22/1996 | 15.0 | Sodium | 2.18E+03 | | NS | NS | No Standard | No Standard | |
| CDC109315 | 8/22/1996 | 15.0 | Vanadium | 4.46E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CDC109315 | 8/22/1996 | 15.0 | Zinc | 3.31E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Aluminum | 1.46E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Arsenic | 1.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Barium | 1.41E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Beryllium | 5.25E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Calcium | 1.10E+04 | | NS | NS | No Standard | No Standard | |
| CMW020101 | 8/1/1996 | 1.0 | Chromium | 1.08E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW020101 | 8/1/1996 | 1.0 | Cobalt | 3.34E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Copper | 2.15E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Iron | 9.91E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Lead | 6.54E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Magnesium | 3.25E+03 | | NS | NS | No Standard | No Standard | |
| CMW020101 | 8/1/1996 | 1.0 | Manganese | 2.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Nickel | 6.87E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Potassium | 3.48E+03 | | NS | NS | No Standard | No Standard | |
| CMW020101 | 8/1/1996 | 1.0 | Sodium | 8.19E+01 | J | NS | NS | No Standard | No Standard | |
| CMW020101 | 8/1/1996 | 1.0 | Vanadium | 2.20E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW020101 | 8/1/1996 | 1.0 | Zinc | 1.96E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW020205 | 8/1/1996 | 5.0 | Aluminum | 1.55E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW020205 | 8/1/1996 | 5.0 | Arsenic | 7.26E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW020205 | 8/1/1996 | 5.0 | Barium | 1.32E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW020205 | 8/1/1996 | 5.0 | Beryllium | 3.05E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW020205 | 8/1/1996 | 5.0 | Calcium | 1.03E+04 | | NS | NS | No Standard | No Standard | |
| CMW020205 | 8/1/1996 | 5.0 | Chromium | 1.32E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW020205 | 8/1/1996 | 5.0 | Cobalt | 2.52E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW020205 | 8/1/1996 | 5.0 | Copper | 2.33E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW020205 | 8/1/1996 | 5.0 | Iron | 7.33E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW020205 | 8/1/1996 | 5.0 | Lead | 3.24E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW020205 | 8/1/1996 | 5.0 | Magnesium | 5.37E+03 | | NS | NS | No Standard | No Standard | |
| CMW020205 | 8/1/1996 | 5.0 | Manganese | 1.43E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW020205 | 8/1/1996 | 5.0 | Nickel | 3.49E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW020205 | 8/1/1996 | 5.0 | Potassium | 1.45E+03 | | NS | NS | No Standard | No Standard | |
| CMW020205 | 8/1/1996 | 5.0 | Sodium | 8.57E+01 | J | NS | NS | No Standard | No Standard | |
| CMW020205 | 8/1/1996 | 5.0 | Vanadium | 2.10E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW020205 | 8/1/1996 | 5.0 | Zinc | 1.40E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Aluminum | 4.70E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Arsenic | 2.00E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Barium | 2.57E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Beryllium | 1.17E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Calcium | 6.50E+04 | | NS | NS | No Standard | No Standard | |
| CMW020310 | 8/1/1996 | 10.0 | Chromium | 3.40E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW020310 | 8/1/1996 | 10.0 | Cobalt | 9.79E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Copper | 4.40E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Iron | 2.62E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW020310 | 8/1/1996 | 10.0 | Lead | 1.23E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Magnesium | 1.71E+04 | | NS | NS | No Standard | No Standard | |
| CMW020310 | 8/1/1996 | 10.0 | Manganese | 7.68E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Nickel | 2.04E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Potassium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| CMW020310 | 8/1/1996 | 10.0 | Sodium | 7.75E+02 | | NS | NS | No Standard | No Standard | |
| CMW020310 | 8/1/1996 | 10.0 | Thallium | 1.60E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Vanadium | 4.31E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW020310 | 8/1/1996 | 10.0 | Zinc | 3.28E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Aluminum | 2.61E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Arsenic | 1.31E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Barium | 5.43E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Beryllium | 7.27E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Calcium | 5.60E+04 | | NS | NS | No Standard | No Standard | |
| CMW020410 | 8/1/1996 | 10.0 | Chromium | 1.55E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW020410 | 8/1/1996 | 10.0 | Cobalt | 5.55E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Copper | 4.08E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Iron | 1.52E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Lead | 7.29E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Magnesium | 9.57E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW020410 | 8/1/1996 | 10.0 | Manganese | 6.00E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Mercury | 3.60E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Molybdenum | 1.18E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Nickel | 1.16E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Potassium | 6.38E+03 | | NS | NS | No Standard | No Standard | |
| CMW020410 | 8/1/1996 | 10.0 | Sodium | 1.23E+03 | | NS | NS | No Standard | No Standard | |
| CMW020410 | 8/1/1996 | 10.0 | Vanadium | 2.54E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW020410 | 8/1/1996 | 10.0 | Zinc | 1.88E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Aluminum | 2.17E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Arsenic | 4.72E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW030101 | 8/9/1996 | 1.0 | Barium | 1.91E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Beryllium | 5.97E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Cadmium | 1.67E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Calcium | 4.13E+04 | | NS | NS | No Standard | No Standard | |
| CMW030101 | 8/9/1996 | 1.0 | Chromium | 1.62E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW030101 | 8/9/1996 | 1.0 | Cobalt | 5.13E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Copper | 3.63E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Iron | 1.48E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Lead | 1.08E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Magnesium | 6.62E+03 | | NS | NS | No Standard | No Standard | |
| CMW030101 | 8/9/1996 | 1.0 | Manganese | 5.17E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Molybdenum | 2.04E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Nickel | 1.18E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Potassium | 5.88E+03 | | NS | NS | No Standard | No Standard | |
| CMW030101 | 8/9/1996 | 1.0 | Sodium | 2.49E+02 | J | NS | NS | No Standard | No Standard | |
| CMW030101 | 8/9/1996 | 1.0 | Vanadium | 2.41E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW030101 | 8/9/1996 | 1.0 | Zinc | 2.52E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW030203 | 8/9/1996 | 3.0 | Aluminum | 6.38E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW030203 | 8/9/1996 | 3.0 | Arsenic | 1.49E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW030203 | 8/9/1996 | 3.0 | Barium | 8.11E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW030203 | 8/9/1996 | 3.0 | Beryllium | 2.55E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW030203 | 8/9/1996 | 3.0 | Cadmium | 4.78E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW030203 | 8/9/1996 | 3.0 | Calcium | 9.97E+03 | | NS | NS | No Standard | No Standard | |
| CMW030203 | 8/9/1996 | 3.0 | Cobalt | 2.05E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW030203 | 8/9/1996 | 3.0 | Iron | 6.23E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW030203 | 8/9/1996 | 3.0 | Lead | 5.47E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW030203 | 8/9/1996 | 3.0 | Magnesium | 1.96E+03 | | NS | NS | No Standard | No Standard | |
| CMW030203 | 8/9/1996 | 3.0 | Manganese | 2.83E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW030203 | 8/9/1996 | 3.0 | Molybdenum | 1.78E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW030203 | 8/9/1996 | 3.0 | Potassium | 1.16E+03 | | NS | NS | No Standard | No Standard | |
| CMW040101 | 8/1/1996 | 1.0 | Aluminum | 2.02E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW040101 | 8/1/1996 | 1.0 | Arsenic | 2.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW040101 | 8/1/1996 | 1.0 | Barium | 1.49E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW040101 | 8/1/1996 | 1.0 | Beryllium | 6.21E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW040101 | 8/1/1996 | 1.0 | Cadmium | 7.29E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW040101 | 8/1/1996 | 1.0 | Calcium | 1.79E+04 | | NS | NS | No Standard | No Standard | |
| CMW040101 | 8/1/1996 | 1.0 | Chromium | 1.51E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW040101 | 8/1/1996 | 1.0 | Cobalt | 4.16E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW040101 | 8/1/1996 | 1.0 | Copper | 3.44E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW040101 | 8/1/1996 | 1.0 | Iron | 1.25E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW040101 | 8/1/1996 | 1.0 | Lead | 6.78E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW040101 | 8/1/1996 | 1.0 | Magnesium | 5.09E+03 | | NS | NS | No Standard | No Standard | |
| CMW040101 | 8/1/1996 | 1.0 | Manganese | 2.20E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW040101 | 8/1/1996 | 1.0 | Nickel | 8.23E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW040101 | 8/1/1996 | 1.0 | Potassium | 4.86E+03 | | NS | NS | No Standard | No Standard | |
| CMW040101 | 8/1/1996 | 1.0 | Sodium | 1.27E+02 | J | NS | NS | No Standard | No Standard | |
| CMW040101 | 8/1/1996 | 1.0 | Vanadium | 2.68E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW040101 | 8/1/1996 | 1.0 | Zinc | 2.27E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Aluminum | 3.40E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Arsenic | 2.68E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Barium | 2.19E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Beryllium | 1.06E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Calcium | 2.54E+04 | | NS | NS | No Standard | No Standard | |
| CMW040205 | 8/1/1996 | 5.0 | Chromium | 2.31E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW040205 | 8/1/1996 | 5.0 | Cobalt | 6.91E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Copper | 1.93E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Iron | 1.99E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Lead | 9.35E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Magnesium | 8.41E+03 | | NS | NS | No Standard | No Standard | |
| CMW040205 | 8/1/1996 | 5.0 | Manganese | 4.32E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Nickel | 1.33E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Potassium | 7.32E+03 | | NS | NS | No Standard | No Standard | |
| CMW040205 | 8/1/1996 | 5.0 | Sodium | 2.16E+02 | J | NS | NS | No Standard | No Standard | |
| CMW040205 | 8/1/1996 | 5.0 | Thallium | 8.78E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Vanadium | 4.16E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW040205 | 8/1/1996 | 5.0 | Zinc | 3.60E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Aluminum | 1.44E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Arsenic | 2.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Barium | 1.87E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Beryllium | 3.93E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Calcium | 3.52E+04 | | NS | NS | No Standard | No Standard | |
| CMW040310 | 8/2/1996 | 10.0 | Chromium | 8.69E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW040310 | 8/2/1996 | 10.0 | Cobalt | 4.04E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Copper | 3.33E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Iron | 9.61E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Lead | 6.20E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Magnesium | 4.56E+03 | | NS | NS | No Standard | No Standard | |
| CMW040310 | 8/2/1996 | 10.0 | Manganese | 3.88E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Nickel | 5.35E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Potassium | 2.17E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW040310 | 8/2/1996 | 10.0 | Sodium | 1.07E+02 | J | NS | NS | No Standard | No Standard | |
| CMW040310 | 8/2/1996 | 10.0 | Vanadium | 1.68E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW040310 | 8/2/1996 | 10.0 | Zinc | 1.58E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Aluminum | 2.35E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Arsenic | 1.24E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Barium | 4.68E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Beryllium | 7.20E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Calcium | 1.34E+04 | | NS | NS | No Standard | No Standard | |
| CMW040415 | 8/2/1996 | 15.0 | Chromium | 1.77E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW040415 | 8/2/1996 | 15.0 | Cobalt | 4.99E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Copper | 3.34E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Iron | 1.21E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Lead | 7.92E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Magnesium | 7.74E+03 | | NS | NS | No Standard | No Standard | |
| CMW040415 | 8/2/1996 | 15.0 | Manganese | 1.46E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Nickel | 8.33E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Potassium | 2.52E+03 | | NS | NS | No Standard | No Standard | |
| CMW040415 | 8/2/1996 | 15.0 | Sodium | 3.19E+02 | J | NS | NS | No Standard | No Standard | |
| CMW040415 | 8/2/1996 | 15.0 | Vanadium | 2.22E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW040415 | 8/2/1996 | 15.0 | Zinc | 2.46E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Aluminum | 4.47E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Aluminum | 3.87E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Arsenic | 3.21E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Arsenic | 2.33E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Barium | 2.35E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Barium | 1.94E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Beryllium | 1.12E+00 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Beryllium | 8.52E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Calcium | 2.58E+04 | D | NS | NS | No Standard | No Standard | |
| CMW040520 | 8/2/1996 | 20.0 | Calcium | 2.18E+04 | | NS | NS | No Standard | No Standard | |
| CMW040520 | 8/2/1996 | 20.0 | Chromium | 2.73E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW040520 | 8/2/1996 | 20.0 | Chromium | 2.39E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW040520 | 8/2/1996 | 20.0 | Cobalt | 8.43E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Cobalt | 7.07E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Copper | 9.09E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Copper | 8.13E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Iron | 2.36E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW040520 | 8/2/1996 | 20.0 | Iron | 2.12E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Lead | 1.32E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Lead | 1.31E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Magnesium | 1.03E+04 | D | NS | NS | No Standard | No Standard | |
| CMW040520 | 8/2/1996 | 20.0 | Magnesium | 9.42E+03 | | NS | NS | No Standard | No Standard | |
| CMW040520 | 8/2/1996 | 20.0 | Manganese | 4.13E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Manganese | 4.34E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Mercury | 2.70E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW040520 | 8/2/1996 | 20.0 | Molybdenum | 3.92E+00 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Molybdenum | 2.87E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Nickel | 1.67E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Nickel | 1.46E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Potassium | 8.04E+03 | D | NS | NS | No Standard | No Standard | |
| CMW040520 | 8/2/1996 | 20.0 | Potassium | 6.30E+03 | | NS | NS | No Standard | No Standard | |
| CMW040520 | 8/2/1996 | 20.0 | Selenium | 5.19E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Sodium | 5.68E+02 | D | NS | NS | No Standard | No Standard | |
| CMW040520 | 8/2/1996 | 20.0 | Sodium | 5.21E+02 | | NS | NS | No Standard | No Standard | |
| CMW040520 | 8/2/1996 | 20.0 | Vanadium | 8.96E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW040520 | 8/2/1996 | 20.0 | Vanadium | 6.79E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Zinc | 2.66E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW040520 | 8/2/1996 | 20.0 | Zinc | 2.65E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Aluminum | 4.68E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Antimony | 6.24E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Arsenic | 5.09E-01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Barium | 7.70E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Beryllium | 1.03E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Calcium | 2.14E+04 | | NS | NS | No Standard | No Standard | |
| CMW040625 | 8/2/1996 | 25.0 | Chromium | 3.08E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW040625 | 8/2/1996 | 25.0 | Cobalt | 9.00E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Copper | 6.14E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Iron | 2.38E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW040625 | 8/2/1996 | 25.0 | Lead | 1.26E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Magnesium | 1.07E+04 | | NS | NS | No Standard | No Standard | |
| CMW040625 | 8/2/1996 | 25.0 | Manganese | 3.22E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Nickel | 1.69E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Potassium | 6.95E+03 | | NS | NS | No Standard | No Standard | |
| CMW040625 | 8/2/1996 | 25.0 | Sodium | 9.57E+02 | | NS | NS | No Standard | No Standard | |
| CMW040625 | 8/2/1996 | 25.0 | Vanadium | 3.15E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW040625 | 8/2/1996 | 25.0 | Zinc | 2.76E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Aluminum | 3.90E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Antimony | 5.61E-01 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Arsenic | 5.26E-01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Barium | 3.01E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Beryllium | 9.60E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Calcium | 2.36E+04 | | NS | NS | No Standard | No Standard | |
| CMW040730 | 8/2/1996 | 30.0 | Chromium | 2.77E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW040730 | 8/2/1996 | 30.0 | Cobalt | 8.46E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Copper | 2.53E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Iron | 2.16E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Lead | 1.28E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Magnesium | 9.54E+03 | | NS | NS | No Standard | No Standard | |
| CMW040730 | 8/2/1996 | 30.0 | Manganese | 3.21E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Nickel | 1.74E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW040730 | 8/2/1996 | 30.0 | Potassium | 4.39E+03 | | NS | NS | No Standard | No Standard | |
| CMW040730 | 8/2/1996 | 30.0 | Sodium | 1.55E+03 | | NS | NS | No Standard | No Standard | |
| CMW040730 | 8/2/1996 | 30.0 | Vanadium | 2.74E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW040730 | 8/2/1996 | 30.0 | Zinc | 2.81E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Aluminum | 4.46E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Arsenic | 8.82E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Barium | 3.45E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Beryllium | 1.07E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Calcium | 3.58E+04 | | NS | NS | No Standard | No Standard | |
| CMW040835 | 8/2/1996 | 35.0 | Chromium | 2.53E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW040835 | 8/2/1996 | 35.0 | Cobalt | 7.96E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Copper | 9.31E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Iron | 2.21E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Lead | 1.14E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Magnesium | 1.02E+04 | | NS | NS | No Standard | No Standard | |
| CMW040835 | 8/2/1996 | 35.0 | Manganese | 5.13E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Nickel | 1.51E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Potassium | 8.20E+03 | | NS | NS | No Standard | No Standard | |
| CMW040835 | 8/2/1996 | 35.0 | Sodium | 2.05E+03 | | NS | NS | No Standard | No Standard | |
| CMW040835 | 8/2/1996 | 35.0 | Vanadium | 2.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW040835 | 8/2/1996 | 35.0 | Zinc | 2.86E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Aluminum | 5.30E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Arsenic | 5.92E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Barium | 5.42E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Beryllium | 1.13E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Calcium | 1.84E+04 | | NS | NS | No Standard | No Standard | |
| CMW040940 | 8/2/1996 | 40.0 | Chromium | 3.46E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW040940 | 8/2/1996 | 40.0 | Cobalt | 1.03E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Copper | 1.68E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Iron | 2.64E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW040940 | 8/2/1996 | 40.0 | Lead | 1.30E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Magnesium | 1.15E+04 | | NS | NS | No Standard | No Standard | |
| CMW040940 | 8/2/1996 | 40.0 | Manganese | 2.94E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Mercury | 3.60E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Nickel | 2.19E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Potassium | 7.72E+03 | | NS | NS | No Standard | No Standard | |
| CMW040940 | 8/2/1996 | 40.0 | Sodium | 2.91E+03 | | NS | NS | No Standard | No Standard | |
| CMW040940 | 8/2/1996 | 40.0 | Vanadium | 5.23E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW040940 | 8/2/1996 | 40.0 | Zinc | 3.43E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Aluminum | 4.86E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Antimony | 2.02E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Arsenic | 7.21E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Barium | 4.02E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Beryllium | 9.76E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Calcium | 3.56E+04 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW041045 | 8/2/1996 | 45.0 | Chromium | 2.72E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW041045 | 8/2/1996 | 45.0 | Cobalt | 8.90E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Copper | 1.65E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Iron | 2.55E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041045 | 8/2/1996 | 45.0 | Lead | 1.16E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Magnesium | 1.06E+04 | | NS | NS | No Standard | No Standard | |
| CMW041045 | 8/2/1996 | 45.0 | Manganese | 3.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Nickel | 1.88E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Potassium | 6.49E+03 | | NS | NS | No Standard | No Standard | |
| CMW041045 | 8/2/1996 | 45.0 | Sodium | 3.60E+03 | | NS | NS | No Standard | No Standard | |
| CMW041045 | 8/2/1996 | 45.0 | Vanadium | 3.92E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW041045 | 8/2/1996 | 45.0 | Zinc | 3.36E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW041150 | 8/2/1996 | 50.0 | Aluminum | 5.90E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW041150 | 8/2/1996 | 50.0 | Barium | 6.68E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW041150 | 8/2/1996 | 50.0 | Beryllium | 1.31E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW041150 | 8/2/1996 | 50.0 | Calcium | 2.51E+04 | | NS | NS | No Standard | No Standard | |
| CMW041150 | 8/2/1996 | 50.0 | Chromium | 3.47E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW041150 | 8/2/1996 | 50.0 | Cobalt | 1.01E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW041150 | 8/2/1996 | 50.0 | Copper | 5.53E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW041150 | 8/2/1996 | 50.0 | Iron | 2.86E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041150 | 8/2/1996 | 50.0 | Lead | 1.30E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW041150 | 8/2/1996 | 50.0 | Magnesium | 1.19E+04 | | NS | NS | No Standard | No Standard | |
| CMW041150 | 8/2/1996 | 50.0 | Manganese | 4.16E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW041150 | 8/2/1996 | 50.0 | Nickel | 1.96E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW041150 | 8/2/1996 | 50.0 | Potassium | 1.10E+04 | | NS | NS | No Standard | No Standard | |
| CMW041150 | 8/2/1996 | 50.0 | Sodium | 4.38E+03 | | NS | NS | No Standard | No Standard | |
| CMW041150 | 8/2/1996 | 50.0 | Vanadium | 3.50E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW041150 | 8/2/1996 | 50.0 | Zinc | 3.83E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW041255 | 8/2/1996 | 55.0 | Aluminum | 4.08E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW041255 | 8/2/1996 | 55.0 | Barium | 3.71E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW041255 | 8/2/1996 | 55.0 | Beryllium | 1.07E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW041255 | 8/2/1996 | 55.0 | Calcium | 8.66E+03 | | NS | NS | No Standard | No Standard | |
| CMW041255 | 8/2/1996 | 55.0 | Chromium | 2.42E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW041255 | 8/2/1996 | 55.0 | Cobalt | 6.89E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW041255 | 8/2/1996 | 55.0 | Copper | 5.96E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW041255 | 8/2/1996 | 55.0 | Iron | 2.24E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW041255 | 8/2/1996 | 55.0 | Lead | 1.42E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW041255 | 8/2/1996 | 55.0 | Magnesium | 8.35E+03 | | NS | NS | No Standard | No Standard | |
| CMW041255 | 8/2/1996 | 55.0 | Manganese | 2.38E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW041255 | 8/2/1996 | 55.0 | Nickel | 1.47E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW041255 | 8/2/1996 | 55.0 | Potassium | 7.17E+03 | | NS | NS | No Standard | No Standard | |
| CMW041255 | 8/2/1996 | 55.0 | Sodium | 3.96E+03 | | NS | NS | No Standard | No Standard | |
| CMW041255 | 8/2/1996 | 55.0 | Vanadium | 2.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW041255 | 8/2/1996 | 55.0 | Zinc | 2.80E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW041360 | 8/2/1996 | 60.0 | Aluminum | 4.61E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW041360 | 8/2/1996 | 60.0 | Arsenic | 4.68E-01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW041360 | 8/2/1996 | 60.0 | Barium | 1.19E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW041360 | 8/2/1996 | 60.0 | Beryllium | 1.08E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW041360 | 8/2/1996 | 60.0 | Calcium | 1.53E+04 | | NS | NS | No Standard | No Standard | |
| CMW041360 | 8/2/1996 | 60.0 | Chromium | 2.69E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW041360 | 8/2/1996 | 60.0 | Cobalt | 8.38E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW041360 | 8/2/1996 | 60.0 | Copper | 2.23E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW041360 | 8/2/1996 | 60.0 | Iron | 2.17E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW041360 | 8/2/1996 | 60.0 | Lead | 9.92E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW041360 | 8/2/1996 | 60.0 | Magnesium | 1.00E+04 | | NS | NS | No Standard | No Standard | |
| CMW041360 | 8/2/1996 | 60.0 | Manganese | 3.44E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW041360 | 8/2/1996 | 60.0 | Nickel | 1.92E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW041360 | 8/2/1996 | 60.0 | Potassium | 7.08E+03 | | NS | NS | No Standard | No Standard | |
| CMW041360 | 8/2/1996 | 60.0 | Sodium | 4.78E+03 | | NS | NS | No Standard | No Standard | |
| CMW041360 | 8/2/1996 | 60.0 | Vanadium | 1.52E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW041360 | 8/2/1996 | 60.0 | Zinc | 3.32E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW041465 | 8/2/1996 | 65.0 | Aluminum | 3.89E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW041465 | 8/2/1996 | 65.0 | Barium | 3.09E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW041465 | 8/2/1996 | 65.0 | Beryllium | 1.02E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW041465 | 8/2/1996 | 65.0 | Calcium | 8.78E+03 | | NS | NS | No Standard | No Standard | |
| CMW041465 | 8/2/1996 | 65.0 | Chromium | 2.39E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW041465 | 8/2/1996 | 65.0 | Cobalt | 5.93E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW041465 | 8/2/1996 | 65.0 | Copper | 4.08E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW041465 | 8/2/1996 | 65.0 | Iron | 2.08E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW041465 | 8/2/1996 | 65.0 | Lead | 1.45E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW041465 | 8/2/1996 | 65.0 | Magnesium | 7.97E+03 | | NS | NS | No Standard | No Standard | |
| CMW041465 | 8/2/1996 | 65.0 | Manganese | 2.18E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW041465 | 8/2/1996 | 65.0 | Nickel | 1.15E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW041465 | 8/2/1996 | 65.0 | Potassium | 6.41E+03 | | NS | NS | No Standard | No Standard | |
| CMW041465 | 8/2/1996 | 65.0 | Sodium | 4.23E+03 | | NS | NS | No Standard | No Standard | |
| CMW041465 | 8/2/1996 | 65.0 | Vanadium | 2.57E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW041465 | 8/2/1996 | 65.0 | Zinc | 2.67E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Aluminum | 6.00E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Antimony | 8.52E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Barium | 3.13E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Beryllium | 1.32E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Cadmium | 3.47E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Calcium | 1.85E+04 | | NS | NS | No Standard | No Standard | |
| CMW041570 | 8/3/1996 | 70.0 | Chromium | 3.63E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW041570 | 8/3/1996 | 70.0 | Cobalt | 1.44E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Copper | 3.62E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Iron | 3.20E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041570 | 8/3/1996 | 70.0 | Lead | 1.31E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Magnesium | 1.44E+04 | | NS | NS | No Standard | No Standard | |
| CMW041570 | 8/3/1996 | 70.0 | Manganese | 3.21E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW041570 | 8/3/1996 | 70.0 | Mercury | 3.50E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Nickel | 2.76E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Potassium | 8.15E+03 | | NS | NS | No Standard | No Standard | |
| CMW041570 | 8/3/1996 | 70.0 | Sodium | 5.71E+03 | | NS | NS | No Standard | No Standard | |
| CMW041570 | 8/3/1996 | 70.0 | Thallium | 1.20E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Vanadium | 5.48E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW041570 | 8/3/1996 | 70.0 | Zinc | 4.91E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Aluminum | 5.70E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Barium | 4.34E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Beryllium | 1.16E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Cadmium | 2.58E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Calcium | 8.08E+03 | | NS | NS | No Standard | No Standard | |
| CMW041675 | 8/3/1996 | 75.0 | Chromium | 3.82E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW041675 | 8/3/1996 | 75.0 | Cobalt | 1.45E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Copper | 3.47E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Iron | 3.22E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041675 | 8/3/1996 | 75.0 | Lead | 1.30E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Magnesium | 1.52E+04 | | NS | NS | No Standard | No Standard | |
| CMW041675 | 8/3/1996 | 75.0 | Manganese | 2.62E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Nickel | 2.46E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Potassium | 6.87E+03 | | NS | NS | No Standard | No Standard | |
| CMW041675 | 8/3/1996 | 75.0 | Sodium | 5.53E+03 | | NS | NS | No Standard | No Standard | |
| CMW041675 | 8/3/1996 | 75.0 | Thallium | 1.64E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Vanadium | 4.67E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW041675 | 8/3/1996 | 75.0 | Zinc | 4.90E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Aluminum | 5.50E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Arsenic | 7.44E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Barium | 6.79E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Beryllium | 1.29E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Cadmium | 2.59E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Calcium | 8.81E+03 | | NS | NS | No Standard | No Standard | |
| CMW041780 | 8/3/1996 | 80.0 | Chromium | 3.31E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW041780 | 8/3/1996 | 80.0 | Cobalt | 1.28E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Copper | 3.91E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Iron | 3.16E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041780 | 8/3/1996 | 80.0 | Lead | 1.25E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Magnesium | 1.42E+04 | | NS | NS | No Standard | No Standard | |
| CMW041780 | 8/3/1996 | 80.0 | Manganese | 2.77E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Nickel | 2.49E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Potassium | 6.96E+03 | | NS | NS | No Standard | No Standard | |
| CMW041780 | 8/3/1996 | 80.0 | Sodium | 5.46E+03 | | NS | NS | No Standard | No Standard | |
| CMW041780 | 8/3/1996 | 80.0 | Thallium | 1.47E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Vanadium | 6.36E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW041780 | 8/3/1996 | 80.0 | Zinc | 4.69E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW041884 | 8/3/1996 | 84.0 | Aluminum | 5.46E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW041884 | 8/3/1996 | 84.0 | Barium | 5.92E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW041884 | 8/3/1996 | 84.0 | Beryllium | 1.21E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW041884 | 8/3/1996 | 84.0 | Cadmium | 2.51E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW041884 | 8/3/1996 | 84.0 | Calcium | 9.84E+03 | | NS | NS | No Standard | No Standard | |
| CMW041884 | 8/3/1996 | 84.0 | Chromium | 3.74E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW041884 | 8/3/1996 | 84.0 | Cobalt | 1.15E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW041884 | 8/3/1996 | 84.0 | Copper | 4.15E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW041884 | 8/3/1996 | 84.0 | Iron | 3.10E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041884 | 8/3/1996 | 84.0 | Lead | 1.19E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW041884 | 8/3/1996 | 84.0 | Magnesium | 1.35E+04 | | NS | NS | No Standard | No Standard | |
| CMW041884 | 8/3/1996 | 84.0 | Manganese | 2.85E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW041884 | 8/3/1996 | 84.0 | Nickel | 2.30E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW041884 | 8/3/1996 | 84.0 | Potassium | 7.46E+03 | | NS | NS | No Standard | No Standard | |
| CMW041884 | 8/3/1996 | 84.0 | Sodium | 5.46E+03 | | NS | NS | No Standard | No Standard | |
| CMW041884 | 8/3/1996 | 84.0 | Thallium | 8.42E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW041884 | 8/3/1996 | 84.0 | Vanadium | 4.15E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW041884 | 8/3/1996 | 84.0 | Zinc | 4.32E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Aluminum | 2.76E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Arsenic | 1.24E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Barium | 3.23E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Beryllium | 6.94E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Cadmium | 2.50E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Calcium | 2.02E+04 | | NS | NS | No Standard | No Standard | |
| CMW050101 | 8/9/1996 | 1.0 | Chromium | 1.81E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW050101 | 8/9/1996 | 1.0 | Cobalt | 5.58E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Copper | 3.42E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Iron | 1.60E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Lead | 8.43E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Magnesium | 6.68E+03 | | NS | NS | No Standard | No Standard | |
| CMW050101 | 8/9/1996 | 1.0 | Manganese | 2.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Molybdenum | 2.83E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Nickel | 1.20E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Potassium | 5.40E+03 | | NS | NS | No Standard | No Standard | |
| CMW050101 | 8/9/1996 | 1.0 | Silver | 8.28E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Sodium | 2.12E+02 | J | NS | NS | No Standard | No Standard | |
| CMW050101 | 8/9/1996 | 1.0 | Vanadium | 2.91E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW050101 | 8/9/1996 | 1.0 | Zinc | 2.44E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Aluminum | 4.11E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Arsenic | 1.99E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Barium | 2.02E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Beryllium | 9.95E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Cadmium | 1.83E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Calcium | 2.24E+04 | | NS | NS | No Standard | No Standard | |
| CMW050205 | 8/9/1996 | 5.0 | Chromium | 2.50E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW050205 | 8/9/1996 | 5.0 | Cobalt | 8.42E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW050205 | 8/9/1996 | 5.0 | Copper | 2.54E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Iron | 2.28E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Lead | 9.50E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Magnesium | 9.53E+03 | | NS | NS | No Standard | No Standard | |
| CMW050205 | 8/9/1996 | 5.0 | Manganese | 3.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Nickel | 1.58E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Potassium | 7.74E+03 | | NS | NS | No Standard | No Standard | |
| CMW050205 | 8/9/1996 | 5.0 | Sodium | 2.89E+02 | J | NS | NS | No Standard | No Standard | |
| CMW050205 | 8/9/1996 | 5.0 | Thallium | 2.20E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Vanadium | 3.92E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW050205 | 8/9/1996 | 5.0 | Zinc | 3.42E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Aluminum | 4.09E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Arsenic | 3.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Barium | 2.96E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Beryllium | 1.22E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Cadmium | 4.40E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Calcium | 2.35E+04 | | NS | NS | No Standard | No Standard | |
| CMW060101 | 8/9/1996 | 1.0 | Chromium | 2.85E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW060101 | 8/9/1996 | 1.0 | Cobalt | 9.03E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Copper | 3.13E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Iron | 2.47E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW060101 | 8/9/1996 | 1.0 | Lead | 2.92E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Magnesium | 9.69E+03 | | NS | NS | No Standard | No Standard | |
| CMW060101 | 8/9/1996 | 1.0 | Manganese | 4.83E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Nickel | 1.83E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Potassium | 9.12E+03 | | NS | NS | No Standard | No Standard | |
| CMW060101 | 8/9/1996 | 1.0 | Sodium | 2.59E+02 | J | NS | NS | No Standard | No Standard | |
| CMW060101 | 8/9/1996 | 1.0 | Thallium | 6.19E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Vanadium | 4.89E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW060101 | 8/9/1996 | 1.0 | Zinc | 4.64E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Aluminum | 2.92E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Arsenic | 2.69E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Barium | 2.05E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Beryllium | 7.54E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Cadmium | 1.73E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Calcium | 1.70E+04 | | NS | NS | No Standard | No Standard | |
| CMW060205 | 8/9/1996 | 5.0 | Chromium | 2.00E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW060205 | 8/9/1996 | 5.0 | Cobalt | 6.86E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Copper | 1.31E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Iron | 1.79E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Lead | 1.05E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Magnesium | 6.77E+03 | | NS | NS | No Standard | No Standard | |
| CMW060205 | 8/9/1996 | 5.0 | Manganese | 3.98E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Molybdenum | 2.65E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Nickel | 1.27E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW060205 | 8/9/1996 | 5.0 | Potassium | 6.48E+03 | | NS | NS | No Standard | No Standard | |
| CMW060205 | 8/9/1996 | 5.0 | Sodium | 1.94E+02 | J | NS | NS | No Standard | No Standard | |
| CMW060205 | 8/9/1996 | 5.0 | Thallium | 5.90E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Vanadium | 3.52E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW060205 | 8/9/1996 | 5.0 | Zinc | 3.11E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Aluminum | 2.22E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Arsenic | 1.96E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Barium | 2.04E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Beryllium | 8.60E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Cadmium | 2.59E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Calcium | 1.65E+04 | | NS | NS | No Standard | No Standard | |
| CMW060310 | 8/9/1996 | 10.0 | Chromium | 1.63E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW060310 | 8/9/1996 | 10.0 | Cobalt | 5.79E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Copper | 1.06E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Iron | 1.58E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Lead | 9.71E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Magnesium | 5.81E+03 | | NS | NS | No Standard | No Standard | |
| CMW060310 | 8/9/1996 | 10.0 | Manganese | 2.99E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Molybdenum | 1.32E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Nickel | 1.06E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Potassium | 4.64E+03 | | NS | NS | No Standard | No Standard | |
| CMW060310 | 8/9/1996 | 10.0 | Sodium | 2.33E+02 | J | NS | NS | No Standard | No Standard | |
| CMW060310 | 8/9/1996 | 10.0 | Vanadium | 2.86E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW060310 | 8/9/1996 | 10.0 | Zinc | 2.90E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Aluminum | 6.36E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Arsenic | 3.31E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Barium | 3.67E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Beryllium | 1.86E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Cadmium | 2.46E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Calcium | 1.99E+04 | | NS | NS | No Standard | No Standard | |
| CMW060415 | 8/9/1996 | 15.0 | Chromium | 4.23E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW060415 | 8/9/1996 | 15.0 | Cobalt | 1.24E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Copper | 1.40E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Iron | 3.43E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW060415 | 8/9/1996 | 15.0 | Lead | 1.63E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Magnesium | 1.28E+04 | | NS | NS | No Standard | No Standard | |
| CMW060415 | 8/9/1996 | 15.0 | Manganese | 4.83E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Molybdenum | 3.63E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Nickel | 2.44E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Potassium | 1.43E+04 | | NS | NS | No Standard | No Standard | |
| CMW060415 | 8/9/1996 | 15.0 | Sodium | 7.53E+02 | | NS | NS | No Standard | No Standard | |
| CMW060415 | 8/9/1996 | 15.0 | Vanadium | 6.33E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW060415 | 8/9/1996 | 15.0 | Zinc | 6.01E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Aluminum | 3.58E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Arsenic | 2.63E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW070101 | 8/10/1996 | 1.0 | Barium | 2.92E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Beryllium | 8.33E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Cadmium | 3.09E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Calcium | 3.16E+04 | | NS | NS | No Standard | No Standard | |
| CMW070101 | 8/10/1996 | 1.0 | Chromium | 7.08E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW070101 | 8/10/1996 | 1.0 | Cobalt | 7.17E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Copper | 5.63E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Iron | 2.14E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Lead | 1.31E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Magnesium | 9.14E+03 | | NS | NS | No Standard | No Standard | |
| CMW070101 | 8/10/1996 | 1.0 | Manganese | 4.08E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Molybdenum | 2.49E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Nickel | 3.78E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Potassium | 8.55E+03 | | NS | NS | No Standard | No Standard | |
| CMW070101 | 8/10/1996 | 1.0 | RDX | 6.22E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Sodium | 3.51E+02 | J | NS | NS | No Standard | No Standard | |
| CMW070101 | 8/10/1996 | 1.0 | Thallium | 2.04E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Vanadium | 3.91E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW070101 | 8/10/1996 | 1.0 | Zinc | 4.58E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Aluminum | 1.99E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Arsenic | 2.35E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Barium | 1.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Beryllium | 6.95E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Cadmium | 1.29E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Calcium | 2.30E+04 | | NS | NS | No Standard | No Standard | |
| CMW070205 | 8/10/1996 | 5.0 | Chromium | 1.40E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW070205 | 8/10/1996 | 5.0 | Cobalt | 5.09E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Copper | 6.68E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Iron | 1.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Lead | 7.60E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Magnesium | 5.39E+03 | | NS | NS | No Standard | No Standard | |
| CMW070205 | 8/10/1996 | 5.0 | Manganese | 3.11E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Nickel | 1.08E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Potassium | 4.53E+03 | | NS | NS | No Standard | No Standard | |
| CMW070205 | 8/10/1996 | 5.0 | Sodium | 1.90E+02 | J | NS | NS | No Standard | No Standard | |
| CMW070205 | 8/10/1996 | 5.0 | Vanadium | 2.75E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW070205 | 8/10/1996 | 5.0 | Zinc | 2.71E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Aluminum | 3.03E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Arsenic | 3.55E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Barium | 2.70E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Beryllium | 7.35E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Cadmium | 1.39E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Calcium | 5.17E+04 | | NS | NS | No Standard | No Standard | |
| CMW070310 | 8/10/1996 | 10.0 | Chromium | 2.06E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW070310 | 8/10/1996 | 10.0 | Cobalt | 6.43E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW070310 | 8/10/1996 | 10.0 | Iron | 1.85E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Lead | 8.63E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Magnesium | 1.02E+04 | | NS | NS | No Standard | No Standard | |
| CMW070310 | 8/10/1996 | 10.0 | Manganese | 4.77E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Molybdenum | 1.89E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Nickel | 1.64E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Potassium | 7.75E+03 | | NS | NS | No Standard | No Standard | |
| CMW070310 | 8/10/1996 | 10.0 | Sodium | 3.37E+02 | J | NS | NS | No Standard | No Standard | |
| CMW070310 | 8/10/1996 | 10.0 | Vanadium | 3.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW070310 | 8/10/1996 | 10.0 | Zinc | 2.69E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Aluminum | 9.51E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Arsenic | 2.57E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Barium | 8.01E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Beryllium | 1.17E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Cadmium | 2.23E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Calcium | 1.04E+04 | | NS | NS | No Standard | No Standard | |
| CMW070415 | 8/10/1996 | 15.0 | Chromium | 7.17E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW070415 | 8/10/1996 | 15.0 | Cobalt | 9.08E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Copper | 6.35E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Iron | 5.46E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Lead | 1.08E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Magnesium | 2.81E+03 | | NS | NS | No Standard | No Standard | |
| CMW070415 | 8/10/1996 | 15.0 | Manganese | 9.88E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Molybdenum | 1.25E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Nickel | 5.70E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Potassium | 2.39E+03 | J | NS | NS | No Standard | No Standard | |
| CMW070415 | 8/10/1996 | 15.0 | Thallium | 2.04E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Vanadium | 1.16E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW070415 | 8/10/1996 | 15.0 | Zinc | 8.56E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW070520 | 8/10/1996 | 20.0 | 4-Amino-2,6-dinitrotoluene | 3.94E-01 | J | NS | NS | No Standard | No Standard | |
| CMW070520 | 8/10/1996 | 20.0 | Aluminum | 1.78E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW070520 | 8/10/1996 | 20.0 | Arsenic | 2.03E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW070520 | 8/10/1996 | 20.0 | Barium | 2.19E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW070520 | 8/10/1996 | 20.0 | Beryllium | 6.16E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW070520 | 8/10/1996 | 20.0 | Cadmium | 1.29E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW070520 | 8/10/1996 | 20.0 | Calcium | 3.41E+04 | | NS | NS | No Standard | No Standard | |
| CMW070520 | 8/10/1996 | 20.0 | Chromium | 1.25E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW070520 | 8/10/1996 | 20.0 | Cobalt | 4.99E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW070520 | 8/10/1996 | 20.0 | Iron | 1.22E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW070520 | 8/10/1996 | 20.0 | Lead | 7.49E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW070520 | 8/10/1996 | 20.0 | Magnesium | 5.20E+03 | | NS | NS | No Standard | No Standard | |
| CMW070520 | 8/10/1996 | 20.0 | Manganese | 4.46E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW070520 | 8/10/1996 | 20.0 | Nickel | 8.58E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW070520 | 8/10/1996 | 20.0 | Potassium | 3.34E+03 | | NS | NS | No Standard | No Standard | |
| CMW070520 | 8/10/1996 | 20.0 | Sodium | 4.78E+02 | J | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW070520 | 8/10/1996 | 20.0 | Vanadium | 2.48E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Aluminum | 2.39E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Arsenic | 1.48E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Barium | 2.81E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Beryllium | 6.22E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Cadmium | 5.58E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Calcium | 1.67E+04 | | NS | NS | No Standard | No Standard | |
| CMW070625 | 8/10/1996 | 25.0 | Chromium | 1.46E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW070625 | 8/10/1996 | 25.0 | Cobalt | 5.63E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Copper | 6.25E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Iron | 1.53E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Lead | 7.86E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Magnesium | 6.90E+03 | | NS | NS | No Standard | No Standard | |
| CMW070625 | 8/10/1996 | 25.0 | Manganese | 2.63E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Molybdenum | 2.14E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Nickel | 1.18E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Potassium | 3.72E+03 | | NS | NS | No Standard | No Standard | |
| CMW070625 | 8/10/1996 | 25.0 | Sodium | 1.20E+03 | | NS | NS | No Standard | No Standard | |
| CMW070625 | 8/10/1996 | 25.0 | Vanadium | 2.91E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW070625 | 8/10/1996 | 25.0 | Zinc | 2.22E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Aluminum | 3.39E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Arsenic | 6.44E-01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Barium | 2.76E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Beryllium | 7.15E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Cadmium | 1.16E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Calcium | 2.18E+04 | | NS | NS | No Standard | No Standard | |
| CMW070730 | 8/10/1996 | 30.0 | Chromium | 2.41E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW070730 | 8/10/1996 | 30.0 | Cobalt | 8.84E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Iron | 1.92E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Lead | 9.10E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Magnesium | 1.25E+04 | | NS | NS | No Standard | No Standard | |
| CMW070730 | 8/10/1996 | 30.0 | Manganese | 2.93E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Molybdenum | 1.94E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Nickel | 1.68E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Potassium | 3.59E+03 | | NS | NS | No Standard | No Standard | |
| CMW070730 | 8/10/1996 | 30.0 | Sodium | 1.65E+03 | | NS | NS | No Standard | No Standard | |
| CMW070730 | 8/10/1996 | 30.0 | Vanadium | 3.42E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW070730 | 8/10/1996 | 30.0 | Zinc | 3.20E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Aluminum | 3.86E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Arsenic | 1.99E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Barium | 5.72E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Beryllium | 9.43E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Cadmium | 9.64E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Calcium | 1.54E+04 | | NS | NS | No Standard | No Standard | |
| CMW070835 | 8/10/1996 | 35.0 | Chromium | 2.30E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW070835 | 8/10/1996 | 35.0 | Cobalt | 8.50E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Copper | 1.26E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Iron | 2.33E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Lead | 1.16E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Magnesium | 1.28E+04 | | NS | NS | No Standard | No Standard | |
| CMW070835 | 8/10/1996 | 35.0 | Manganese | 2.62E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Molybdenum | 1.77E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Nickel | 1.82E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Potassium | 5.13E+03 | | NS | NS | No Standard | No Standard | |
| CMW070835 | 8/10/1996 | 35.0 | Sodium | 2.03E+03 | | NS | NS | No Standard | No Standard | |
| CMW070835 | 8/10/1996 | 35.0 | Thallium | 2.03E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW070835 | 8/10/1996 | 35.0 | Vanadium | 1.62E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW070835 | 8/10/1996 | 35.0 | Zinc | 3.31E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Aluminum | 3.46E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Arsenic | 6.31E-01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Barium | 7.53E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Beryllium | 9.99E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Cadmium | 6.52E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Calcium | 1.14E+04 | | NS | NS | No Standard | No Standard | |
| CMW070940 | 8/10/1996 | 40.0 | Chromium | 2.30E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW070940 | 8/10/1996 | 40.0 | Cobalt | 7.48E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Copper | 7.14E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Iron | 2.64E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW070940 | 8/10/1996 | 40.0 | Lead | 1.31E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Magnesium | 1.10E+04 | | NS | NS | No Standard | No Standard | |
| CMW070940 | 8/10/1996 | 40.0 | Manganese | 2.41E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Nickel | 1.71E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Potassium | 4.44E+03 | | NS | NS | No Standard | No Standard | |
| CMW070940 | 8/10/1996 | 40.0 | Sodium | 2.13E+03 | | NS | NS | No Standard | No Standard | |
| CMW070940 | 8/10/1996 | 40.0 | Thallium | 2.30E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Vanadium | 3.03E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW070940 | 8/10/1996 | 40.0 | Zinc | 2.81E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Aluminum | 3.93E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Arsenic | 8.90E-01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Barium | 8.45E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Beryllium | 1.14E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Cadmium | 8.02E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Calcium | 9.39E+03 | | NS | NS | No Standard | No Standard | |
| CMW071045 | 8/10/1996 | 45.0 | Chromium | 2.31E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW071045 | 8/10/1996 | 45.0 | Cobalt | 7.91E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Copper | 7.21E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Iron | 2.60E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW071045 | 8/10/1996 | 45.0 | Lead | 1.27E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Magnesium | 1.28E+04 | | NS | NS | No Standard | No Standard | |
| CMW071045 | 8/10/1996 | 45.0 | Manganese | 2.12E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW071045 | 8/10/1996 | 45.0 | Nickel | 2.08E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Potassium | 4.25E+03 | | NS | NS | No Standard | No Standard | |
| CMW071045 | 8/10/1996 | 45.0 | Sodium | 2.39E+03 | | NS | NS | No Standard | No Standard | |
| CMW071045 | 8/10/1996 | 45.0 | Thallium | 2.10E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Vanadium | 3.88E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW071045 | 8/10/1996 | 45.0 | Zinc | 3.44E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Aluminum | 5.66E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Barium | 3.35E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Beryllium | 4.62E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Cadmium | 9.33E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Calcium | 2.75E+03 | | NS | NS | No Standard | No Standard | |
| CMW071148 | 8/10/1996 | 48.0 | Chromium | 1.22E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW071148 | 8/10/1996 | 48.0 | Cobalt | 9.42E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Iron | 4.34E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Lead | 1.01E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Magnesium | 2.56E+03 | | NS | NS | No Standard | No Standard | |
| CMW071148 | 8/10/1996 | 48.0 | Manganese | 9.29E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Nickel | 4.68E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Potassium | 1.65E+03 | | NS | NS | No Standard | No Standard | |
| CMW071148 | 8/10/1996 | 48.0 | Sodium | 1.25E+03 | | NS | NS | No Standard | No Standard | |
| CMW071148 | 8/10/1996 | 48.0 | Thallium | 2.15E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Vanadium | 9.36E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW071148 | 8/10/1996 | 48.0 | Zinc | 6.72E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Aluminum | 2.95E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Arsenic | 2.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Barium | 4.18E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Beryllium | 7.02E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Cadmium | 1.83E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Calcium | 3.00E+04 | | NS | NS | No Standard | No Standard | |
| CMW080101 | 8/9/1996 | 1.0 | Chromium | 2.79E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW080101 | 8/9/1996 | 1.0 | Cobalt | 5.65E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Copper | 4.11E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Iron | 1.75E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Lead | 1.70E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Magnesium | 7.95E+03 | | NS | NS | No Standard | No Standard | |
| CMW080101 | 8/9/1996 | 1.0 | Manganese | 4.55E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Nickel | 1.91E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Potassium | 6.14E+03 | | NS | NS | No Standard | No Standard | |
| CMW080101 | 8/9/1996 | 1.0 | Sodium | 2.00E+02 | J | NS | NS | No Standard | No Standard | |
| CMW080101 | 8/9/1996 | 1.0 | Thallium | 9.01E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Vanadium | 3.12E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW080101 | 8/9/1996 | 1.0 | Zinc | 3.86E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Aluminum | 2.82E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Arsenic | 1.58E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Barium | 3.31E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW080205 | 8/9/1996 | 5.0 | Beryllium | 7.82E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Cadmium | 1.32E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Calcium | 2.02E+04 | | NS | NS | No Standard | No Standard | |
| CMW080205 | 8/9/1996 | 5.0 | Chromium | 1.59E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW080205 | 8/9/1996 | 5.0 | Cobalt | 5.43E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Copper | 1.76E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Iron | 1.58E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Lead | 9.31E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Magnesium | 7.70E+03 | | NS | NS | No Standard | No Standard | |
| CMW080205 | 8/9/1996 | 5.0 | Manganese | 4.08E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Molybdenum | 1.65E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Nickel | 1.12E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Potassium | 5.29E+03 | | NS | NS | No Standard | No Standard | |
| CMW080205 | 8/9/1996 | 5.0 | Sodium | 3.84E+02 | J | NS | NS | No Standard | No Standard | |
| CMW080205 | 8/9/1996 | 5.0 | Thallium | 7.38E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Vanadium | 2.83E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW080205 | 8/9/1996 | 5.0 | Zinc | 3.22E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Aluminum | 1.64E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Arsenic | 1.60E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Barium | 1.49E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Beryllium | 4.43E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Cadmium | 6.19E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Calcium | 1.75E+04 | | NS | NS | No Standard | No Standard | |
| CMW090101 | 8/9/1996 | 1.0 | Chromium | 1.43E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW090101 | 8/9/1996 | 1.0 | Cobalt | 3.15E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Copper | 9.41E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Iron | 1.08E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Lead | 7.23E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Magnesium | 4.81E+03 | | NS | NS | No Standard | No Standard | |
| CMW090101 | 8/9/1996 | 1.0 | Manganese | 2.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Nickel | 8.62E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Potassium | 3.96E+03 | | NS | NS | No Standard | No Standard | |
| CMW090101 | 8/9/1996 | 1.0 | Sodium | 4.13E+02 | J | NS | NS | No Standard | No Standard | |
| CMW090101 | 8/9/1996 | 1.0 | Vanadium | 1.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW090101 | 8/9/1996 | 1.0 | Zinc | 2.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | 2,4,6-Trinitrotoluene | 2.38E-01 | DJ | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Aluminum | 2.02E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Aluminum | 1.66E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Arsenic | 1.34E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Arsenic | 1.73E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Barium | 3.27E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Barium | 4.27E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Beryllium | 4.19E-01 | DJ | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Beryllium | 4.40E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Cadmium | 3.47E-01 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW090205 | 8/9/1996 | 5.0 | Cadmium | 3.95E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Calcium | 3.51E+04 | D | NS | NS | No Standard | No Standard | |
| CMW090205 | 8/9/1996 | 5.0 | Calcium | 3.60E+04 | | NS | NS | No Standard | No Standard | |
| CMW090205 | 8/9/1996 | 5.0 | Chromium | 2.32E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW090205 | 8/9/1996 | 5.0 | Chromium | 2.52E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW090205 | 8/9/1996 | 5.0 | Cobalt | 3.98E+00 | DJ | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Cobalt | 3.98E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Copper | 1.80E+02 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Copper | 2.42E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Iron | 1.26E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Iron | 1.28E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Lead | 7.22E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Lead | 1.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Magnesium | 6.41E+03 | D | NS | NS | No Standard | No Standard | |
| CMW090205 | 8/9/1996 | 5.0 | Magnesium | 5.17E+03 | | NS | NS | No Standard | No Standard | |
| CMW090205 | 8/9/1996 | 5.0 | Manganese | 4.05E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Manganese | 4.47E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Nickel | 1.38E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Nickel | 1.55E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Potassium | 2.96E+03 | D | NS | NS | No Standard | No Standard | |
| CMW090205 | 8/9/1996 | 5.0 | Potassium | 2.33E+03 | | NS | NS | No Standard | No Standard | |
| CMW090205 | 8/9/1996 | 5.0 | Sodium | 3.60E+02 | DJ | NS | NS | No Standard | No Standard | |
| CMW090205 | 8/9/1996 | 5.0 | Sodium | 3.00E+02 | J | NS | NS | No Standard | No Standard | |
| CMW090205 | 8/9/1996 | 5.0 | Thallium | 5.87E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Vanadium | 2.18E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Vanadium | 1.91E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Zinc | 2.48E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW090205 | 8/9/1996 | 5.0 | Zinc | 2.27E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Aluminum | 2.46E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Arsenic | 2.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Barium | 2.33E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Beryllium | 7.45E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Cadmium | 2.87E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Calcium | 1.80E+05 | | NS | NS | No Standard | No Standard | |
| CMW100101 | 8/3/1996 | 1.0 | Chromium | 1.65E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW100101 | 8/3/1996 | 1.0 | Cobalt | 5.27E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Copper | 3.15E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Iron | 1.44E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Lead | 9.30E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Magnesium | 9.15E+03 | | NS | NS | No Standard | No Standard | |
| CMW100101 | 8/3/1996 | 1.0 | Manganese | 1.06E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Nickel | 1.12E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Potassium | 5.85E+03 | | NS | NS | No Standard | No Standard | |
| CMW100101 | 8/3/1996 | 1.0 | Sodium | 1.23E+03 | | NS | NS | No Standard | No Standard | |
| CMW100101 | 8/3/1996 | 1.0 | Thallium | 5.72E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW100101 | 8/3/1996 | 1.0 | Vanadium | 2.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW100101 | 8/3/1996 | 1.0 | Zinc | 2.01E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Aluminum | 3.35E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Aluminum | 3.29E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Antimony | 4.81E+00 | DJ | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Arsenic | 1.56E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Arsenic | 1.50E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Barium | 7.71E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Barium | 7.32E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Beryllium | 9.56E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Beryllium | 9.40E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Cadmium | 2.80E-01 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Cadmium | 2.24E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Calcium | 7.40E+04 | D | NS | NS | No Standard | No Standard | |
| CMW100205 | 8/3/1996 | 5.0 | Calcium | 7.40E+04 | | NS | NS | No Standard | No Standard | |
| CMW100205 | 8/3/1996 | 5.0 | Chromium | 2.73E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW100205 | 8/3/1996 | 5.0 | Chromium | 2.56E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW100205 | 8/3/1996 | 5.0 | Cobalt | 8.16E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Cobalt | 8.30E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Copper | 4.28E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Copper | 4.67E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Iron | 2.02E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Iron | 1.99E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Lead | 1.04E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Lead | 1.04E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Magnesium | 1.35E+04 | D | NS | NS | No Standard | No Standard | |
| CMW100205 | 8/3/1996 | 5.0 | Magnesium | 1.34E+04 | | NS | NS | No Standard | No Standard | |
| CMW100205 | 8/3/1996 | 5.0 | Manganese | 8.54E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Manganese | 8.87E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Molybdenum | 1.42E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Nickel | 1.86E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Nickel | 1.79E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Potassium | 7.25E+03 | D | NS | NS | No Standard | No Standard | |
| CMW100205 | 8/3/1996 | 5.0 | Potassium | 7.15E+03 | | NS | NS | No Standard | No Standard | |
| CMW100205 | 8/3/1996 | 5.0 | Sodium | 3.11E+03 | D | NS | NS | No Standard | No Standard | |
| CMW100205 | 8/3/1996 | 5.0 | Sodium | 3.03E+03 | | NS | NS | No Standard | No Standard | |
| CMW100205 | 8/3/1996 | 5.0 | Thallium | 1.03E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Vanadium | 3.22E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Vanadium | 3.09E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Zinc | 2.91E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW100205 | 8/3/1996 | 5.0 | Zinc | 2.83E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Aluminum | 4.09E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Arsenic | 1.56E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Barium | 3.62E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Beryllium | 1.13E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW100310 | 8/3/1996 | 10.0 | Cadmium | 3.38E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Calcium | 6.10E+04 | | NS | NS | No Standard | No Standard | |
| CMW100310 | 8/3/1996 | 10.0 | Chromium | 2.94E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW100310 | 8/3/1996 | 10.0 | Cobalt | 8.65E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Copper | 5.42E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Iron | 2.30E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Lead | 1.03E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Magnesium | 1.55E+04 | | NS | NS | No Standard | No Standard | |
| CMW100310 | 8/3/1996 | 10.0 | Manganese | 7.52E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Molybdenum | 1.48E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Nickel | 1.99E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Potassium | 9.51E+03 | | NS | NS | No Standard | No Standard | |
| CMW100310 | 8/3/1996 | 10.0 | Sodium | 3.29E+03 | | NS | NS | No Standard | No Standard | |
| CMW100310 | 8/3/1996 | 10.0 | Thallium | 9.44E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Vanadium | 3.68E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW100310 | 8/3/1996 | 10.0 | Zinc | 3.29E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Aluminum | 3.44E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Arsenic | 2.15E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Barium | 3.00E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Beryllium | 8.60E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Cadmium | 3.23E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Calcium | 8.90E+04 | | NS | NS | No Standard | No Standard | |
| CMW100415 | 8/3/1996 | 15.0 | Chromium | 2.54E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW100415 | 8/3/1996 | 15.0 | Cobalt | 9.19E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Copper | 3.56E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Iron | 1.97E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Lead | 1.18E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Magnesium | 1.37E+04 | | NS | NS | No Standard | No Standard | |
| CMW100415 | 8/3/1996 | 15.0 | Manganese | 1.57E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Molybdenum | 1.78E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Nickel | 1.81E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Potassium | 6.38E+03 | | NS | NS | No Standard | No Standard | |
| CMW100415 | 8/3/1996 | 15.0 | Sodium | 4.04E+03 | | NS | NS | No Standard | No Standard | |
| CMW100415 | 8/3/1996 | 15.0 | Vanadium | 3.39E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW100415 | 8/3/1996 | 15.0 | Zinc | 2.71E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Aluminum | 4.23E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Arsenic | 3.00E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Barium | 2.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Beryllium | 1.10E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Cadmium | 3.02E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Calcium | 4.93E+04 | | NS | NS | No Standard | No Standard | |
| CMW100520 | 8/3/1996 | 20.0 | Chromium | 2.95E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW100520 | 8/3/1996 | 20.0 | Cobalt | 8.15E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Copper | 5.31E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Iron | 2.26E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW100520 | 8/3/1996 | 20.0 | Lead | 1.23E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Magnesium | 1.52E+04 | | NS | NS | No Standard | No Standard | |
| CMW100520 | 8/3/1996 | 20.0 | Manganese | 7.97E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Nickel | 1.95E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Potassium | 8.59E+03 | | NS | NS | No Standard | No Standard | |
| CMW100520 | 8/3/1996 | 20.0 | Silver | 5.60E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Sodium | 4.77E+03 | | NS | NS | No Standard | No Standard | |
| CMW100520 | 8/3/1996 | 20.0 | Thallium | 5.67E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Vanadium | 4.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW100520 | 8/3/1996 | 20.0 | Zinc | 2.92E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Aluminum | 4.55E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Arsenic | 2.68E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Barium | 2.18E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Beryllium | 1.14E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Cadmium | 3.47E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Calcium | 5.22E+04 | | NS | NS | No Standard | No Standard | |
| CMW100625 | 8/5/1996 | 25.0 | Chromium | 2.75E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW100625 | 8/5/1996 | 25.0 | Cobalt | 8.38E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Copper | 6.15E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Iron | 2.33E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Lead | 1.31E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Magnesium | 1.62E+04 | | NS | NS | No Standard | No Standard | |
| CMW100625 | 8/5/1996 | 25.0 | Manganese | 7.70E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Molybdenum | 1.76E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Nickel | 1.75E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Potassium | 9.65E+03 | | NS | NS | No Standard | No Standard | |
| CMW100625 | 8/5/1996 | 25.0 | Sodium | 5.80E+03 | | NS | NS | No Standard | No Standard | |
| CMW100625 | 8/5/1996 | 25.0 | Vanadium | 3.96E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW100625 | 8/5/1996 | 25.0 | Zinc | 3.48E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Aluminum | 3.57E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Arsenic | 2.01E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Barium | 2.87E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Beryllium | 9.69E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Cadmium | 2.74E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Calcium | 6.40E+04 | | NS | NS | No Standard | No Standard | |
| CMW100730 | 8/5/1996 | 30.0 | Chromium | 2.00E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW100730 | 8/5/1996 | 30.0 | Cobalt | 7.69E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Copper | 4.98E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Iron | 1.98E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Lead | 1.23E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Magnesium | 1.45E+04 | | NS | NS | No Standard | No Standard | |
| CMW100730 | 8/5/1996 | 30.0 | Manganese | 8.52E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Molybdenum | 1.30E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Nickel | 1.64E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Potassium | 6.71E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW100730 | 8/5/1996 | 30.0 | Sodium | 5.63E+03 | | NS | NS | No Standard | No Standard | |
| CMW100730 | 8/5/1996 | 30.0 | Vanadium | 3.39E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW100730 | 8/5/1996 | 30.0 | Zinc | 3.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Aluminum | 3.63E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Arsenic | 1.59E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Barium | 3.49E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Beryllium | 9.96E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Cadmium | 2.92E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Calcium | 8.60E+04 | | NS | NS | No Standard | No Standard | |
| CMW100833 | 8/5/1996 | 33.0 | Chromium | 2.31E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW100833 | 8/5/1996 | 33.0 | Cobalt | 8.80E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Copper | 4.83E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Iron | 1.85E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Lead | 1.05E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Magnesium | 1.57E+04 | | NS | NS | No Standard | No Standard | |
| CMW100833 | 8/5/1996 | 33.0 | Manganese | 1.05E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Nickel | 1.69E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Potassium | 7.19E+03 | | NS | NS | No Standard | No Standard | |
| CMW100833 | 8/5/1996 | 33.0 | Sodium | 4.62E+03 | | NS | NS | No Standard | No Standard | |
| CMW100833 | 8/5/1996 | 33.0 | Vanadium | 3.88E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW100833 | 8/5/1996 | 33.0 | Zinc | 3.17E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Aluminum | 1.02E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Arsenic | 1.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Barium | 6.98E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Beryllium | 4.89E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Cadmium | 3.53E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Calcium | 7.13E+03 | | NS | NS | No Standard | No Standard | |
| CMW110101 | 8/8/1996 | 1.0 | Chromium | 6.85E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW110101 | 8/8/1996 | 1.0 | Cobalt | 1.88E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Copper | 2.21E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Iron | 7.69E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Lead | 6.87E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Magnesium | 2.29E+03 | | NS | NS | No Standard | No Standard | |
| CMW110101 | 8/8/1996 | 1.0 | Manganese | 1.61E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Mercury | 4.94E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Molybdenum | 1.86E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Potassium | 3.16E+03 | | NS | NS | No Standard | No Standard | |
| CMW110101 | 8/8/1996 | 1.0 | Sodium | 3.74E+01 | J | NS | NS | No Standard | No Standard | |
| CMW110101 | 8/8/1996 | 1.0 | Vanadium | 1.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW110101 | 8/8/1996 | 1.0 | Zinc | 2.40E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Aluminum | 6.89E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Arsenic | 1.55E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Barium | 8.99E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Beryllium | 4.25E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Cadmium | 5.64E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW110205 | 8/8/1996 | 5.0 | Calcium | 7.02E+03 | | NS | NS | No Standard | No Standard | |
| CMW110205 | 8/8/1996 | 5.0 | Chromium | 4.54E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW110205 | 8/8/1996 | 5.0 | Cobalt | 1.95E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Copper | 2.05E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Iron | 6.13E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Lead | 3.57E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Magnesium | 1.52E+03 | | NS | NS | No Standard | No Standard | |
| CMW110205 | 8/8/1996 | 5.0 | Manganese | 1.99E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Molybdenum | 1.86E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Potassium | 2.06E+03 | | NS | NS | No Standard | No Standard | |
| CMW110205 | 8/8/1996 | 5.0 | Sodium | 3.09E+01 | J | NS | NS | No Standard | No Standard | |
| CMW110205 | 8/8/1996 | 5.0 | Vanadium | 1.66E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW110205 | 8/8/1996 | 5.0 | Zinc | 1.17E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Aluminum | 8.79E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Arsenic | 1.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Barium | 8.45E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Beryllium | 4.91E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Cadmium | 7.81E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Calcium | 8.51E+03 | | NS | NS | No Standard | No Standard | |
| CMW110310 | 8/8/1996 | 10.0 | Chromium | 5.46E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW110310 | 8/8/1996 | 10.0 | Cobalt | 2.27E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Copper | 2.78E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Iron | 7.10E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Lead | 4.56E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Magnesium | 1.89E+03 | | NS | NS | No Standard | No Standard | |
| CMW110310 | 8/8/1996 | 10.0 | Manganese | 1.86E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Nickel | 2.26E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Potassium | 2.56E+03 | | NS | NS | No Standard | No Standard | |
| CMW110310 | 8/8/1996 | 10.0 | Sodium | 4.47E+01 | J | NS | NS | No Standard | No Standard | |
| CMW110310 | 8/8/1996 | 10.0 | Vanadium | 1.95E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW110310 | 8/8/1996 | 10.0 | Zinc | 1.34E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Aluminum | 1.29E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Arsenic | 1.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Barium | 1.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Beryllium | 5.96E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Cadmium | 1.23E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Calcium | 3.08E+04 | | NS | NS | No Standard | No Standard | |
| CMW110412 | 8/8/1996 | 12.0 | Chromium | 8.50E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW110412 | 8/8/1996 | 12.0 | Cobalt | 3.77E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Copper | 3.86E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Iron | 9.58E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Lead | 4.69E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Magnesium | 4.84E+03 | | NS | NS | No Standard | No Standard | |
| CMW110412 | 8/8/1996 | 12.0 | Manganese | 2.54E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Nickel | 4.86E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW110412 | 8/8/1996 | 12.0 | Potassium | 3.53E+03 | | NS | NS | No Standard | No Standard | |
| CMW110412 | 8/8/1996 | 12.0 | Sodium | 1.61E+02 | J | NS | NS | No Standard | No Standard | |
| CMW110412 | 8/8/1996 | 12.0 | Vanadium | 2.25E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW110412 | 8/8/1996 | 12.0 | Zinc | 1.96E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Aluminum | 5.31E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Aluminum | 4.83E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Arsenic | 9.65E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Arsenic | 1.06E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Barium | 1.01E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Barium | 5.25E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Beryllium | 3.27E-01 | DJ | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Beryllium | 3.27E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Cadmium | 9.61E-02 | DJ | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Cadmium | 9.33E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Calcium | 8.82E+03 | D | NS | NS | No Standard | No Standard | |
| CMW120101 | 8/8/1996 | 1.0 | Calcium | 9.71E+03 | | NS | NS | No Standard | No Standard | |
| CMW120101 | 8/8/1996 | 1.0 | Chromium | 4.38E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW120101 | 8/8/1996 | 1.0 | Chromium | 3.99E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW120101 | 8/8/1996 | 1.0 | Cobalt | 1.70E+00 | DJ | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Cobalt | 2.76E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Copper | 1.72E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Copper | 1.29E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Iron | 4.80E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Iron | 4.62E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Lead | 4.11E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Lead | 3.31E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Magnesium | 1.44E+03 | D | NS | NS | No Standard | No Standard | |
| CMW120101 | 8/8/1996 | 1.0 | Magnesium | 1.47E+03 | | NS | NS | No Standard | No Standard | |
| CMW120101 | 8/8/1996 | 1.0 | Manganese | 1.29E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Manganese | 1.73E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Molybdenum | 2.57E+00 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Molybdenum | 2.22E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Nickel | 2.09E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Potassium | 1.68E+03 | D | NS | NS | No Standard | No Standard | |
| CMW120101 | 8/8/1996 | 1.0 | Potassium | 1.50E+03 | | NS | NS | No Standard | No Standard | |
| CMW120101 | 8/8/1996 | 1.0 | Sodium | 2.97E+01 | DJ | NS | NS | No Standard | No Standard | |
| CMW120101 | 8/8/1996 | 1.0 | Sodium | 3.07E+01 | J | NS | NS | No Standard | No Standard | |
| CMW120101 | 8/8/1996 | 1.0 | Vanadium | 1.23E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Vanadium | 1.18E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Zinc | 1.19E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW120101 | 8/8/1996 | 1.0 | Zinc | 1.39E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Aluminum | 7.94E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Arsenic | 1.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Barium | 7.22E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Beryllium | 4.34E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW120203 | 8/8/1996 | 3.0 | Cadmium | 3.08E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Calcium | 1.34E+04 | | NS | NS | No Standard | No Standard | |
| CMW120203 | 8/8/1996 | 3.0 | Chromium | 6.06E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW120203 | 8/8/1996 | 3.0 | Cobalt | 1.72E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Copper | 3.70E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Iron | 6.92E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Lead | 5.98E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Magnesium | 2.74E+03 | | NS | NS | No Standard | No Standard | |
| CMW120203 | 8/8/1996 | 3.0 | Manganese | 1.61E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Mercury | 4.74E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Nickel | 3.34E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Potassium | 2.20E+03 | | NS | NS | No Standard | No Standard | |
| CMW120203 | 8/8/1996 | 3.0 | Sodium | 7.62E+01 | J | NS | NS | No Standard | No Standard | |
| CMW120203 | 8/8/1996 | 3.0 | Vanadium | 1.49E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW120203 | 8/8/1996 | 3.0 | Zinc | 2.25E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Aluminum | 4.28E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Arsenic | 1.59E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Barium | 2.45E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Beryllium | 1.18E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Cadmium | 4.29E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Calcium | 7.70E+04 | | NS | NS | No Standard | No Standard | |
| CMW140101 | 8/5/1996 | 1.0 | Chromium | 2.27E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW140101 | 8/5/1996 | 1.0 | Cobalt | 8.15E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Copper | 4.59E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Iron | 2.26E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Lead | 9.72E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Magnesium | 1.53E+04 | | NS | NS | No Standard | No Standard | |
| CMW140101 | 8/5/1996 | 1.0 | Manganese | 6.94E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Molybdenum | 1.39E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Nickel | 2.17E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Potassium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| CMW140101 | 8/5/1996 | 1.0 | Sodium | 1.40E+03 | | NS | NS | No Standard | No Standard | |
| CMW140101 | 8/5/1996 | 1.0 | Vanadium | 3.34E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW140101 | 8/5/1996 | 1.0 | Zinc | 3.04E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | 2,4,6-Trinitrotoluene | 5.07E-01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Aluminum | 4.07E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Aluminum | 3.57E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Arsenic | 2.02E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Arsenic | 1.93E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Barium | 3.96E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Barium | 6.26E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Beryllium | 1.10E+00 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Beryllium | 9.95E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Cadmium | 4.18E-01 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Cadmium | 3.83E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW140205 | 8/5/1996 | 5.0 | Calcium | 9.00E+04 | D | NS | NS | No Standard | No Standard | |
| CMW140205 | 8/5/1996 | 5.0 | Calcium | 9.40E+04 | | NS | NS | No Standard | No Standard | |
| CMW140205 | 8/5/1996 | 5.0 | Chromium | 2.47E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW140205 | 8/5/1996 | 5.0 | Chromium | 2.13E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW140205 | 8/5/1996 | 5.0 | Cobalt | 7.87E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Cobalt | 7.97E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Copper | 2.07E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Copper | 2.14E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Iron | 2.14E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Iron | 1.90E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Lead | 1.03E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Lead | 9.83E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Magnesium | 1.48E+04 | D | NS | NS | No Standard | No Standard | |
| CMW140205 | 8/5/1996 | 5.0 | Magnesium | 1.47E+04 | | NS | NS | No Standard | No Standard | |
| CMW140205 | 8/5/1996 | 5.0 | Manganese | 7.30E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Manganese | 8.03E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Molybdenum | 2.06E+00 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Molybdenum | 3.07E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Nickel | 2.09E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Nickel | 2.10E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Potassium | 1.20E+04 | D | NS | NS | No Standard | No Standard | |
| CMW140205 | 8/5/1996 | 5.0 | Potassium | 9.46E+03 | | NS | NS | No Standard | No Standard | |
| CMW140205 | 8/5/1996 | 5.0 | RDX | 4.97E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Sodium | 2.47E+03 | D | NS | NS | No Standard | No Standard | |
| CMW140205 | 8/5/1996 | 5.0 | Sodium | 2.32E+03 | | NS | NS | No Standard | No Standard | |
| CMW140205 | 8/5/1996 | 5.0 | Vanadium | 3.17E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Vanadium | 2.93E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Zinc | 3.57E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW140205 | 8/5/1996 | 5.0 | Zinc | 3.10E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Aluminum | 2.19E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Barium | 8.49E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Beryllium | 7.12E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Cadmium | 2.36E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Calcium | 1.30E+05 | | NS | NS | No Standard | No Standard | |
| CMW140310 | 8/5/1996 | 10.0 | Chromium | 1.67E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW140310 | 8/5/1996 | 10.0 | Cobalt | 4.81E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Copper | 2.37E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Iron | 1.39E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Lead | 7.28E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Magnesium | 1.01E+04 | | NS | NS | No Standard | No Standard | |
| CMW140310 | 8/5/1996 | 10.0 | Manganese | 8.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Molybdenum | 1.49E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Nickel | 1.17E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Potassium | 6.95E+03 | | NS | NS | No Standard | No Standard | |
| CMW140310 | 8/5/1996 | 10.0 | Sodium | 1.90E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW140310 | 8/5/1996 | 10.0 | Vanadium | 1.49E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW140310 | 8/5/1996 | 10.0 | Zinc | 1.71E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Aluminum | 3.77E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Arsenic | 1.41E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Barium | 7.18E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Beryllium | 1.09E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Cadmium | 3.51E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Calcium | 1.00E+05 | | NS | NS | No Standard | No Standard | |
| CMW140415 | 8/5/1996 | 15.0 | Chromium | 2.20E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW140415 | 8/5/1996 | 15.0 | Cobalt | 6.00E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Copper | 4.90E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Iron | 2.08E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Lead | 8.77E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Magnesium | 1.55E+04 | | NS | NS | No Standard | No Standard | |
| CMW140415 | 8/5/1996 | 15.0 | Manganese | 6.97E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Molybdenum | 1.66E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Nickel | 1.66E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Potassium | 1.30E+04 | | NS | NS | No Standard | No Standard | |
| CMW140415 | 8/5/1996 | 15.0 | Sodium | 4.16E+03 | | NS | NS | No Standard | No Standard | |
| CMW140415 | 8/5/1996 | 15.0 | Vanadium | 2.12E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW140415 | 8/5/1996 | 15.0 | Zinc | 2.53E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Aluminum | 3.63E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Arsenic | 4.21E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW140520 | 8/5/1996 | 20.0 | Barium | 1.60E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Beryllium | 1.02E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Cadmium | 3.00E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Calcium | 1.00E+05 | | NS | NS | No Standard | No Standard | |
| CMW140520 | 8/5/1996 | 20.0 | Chromium | 2.13E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW140520 | 8/5/1996 | 20.0 | Cobalt | 7.57E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Copper | 1.11E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Iron | 1.85E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Lead | 7.59E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Magnesium | 1.51E+04 | | NS | NS | No Standard | No Standard | |
| CMW140520 | 8/5/1996 | 20.0 | Manganese | 7.58E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Molybdenum | 1.24E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Nickel | 2.03E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Potassium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| CMW140520 | 8/5/1996 | 20.0 | Sodium | 4.39E+03 | | NS | NS | No Standard | No Standard | |
| CMW140520 | 8/5/1996 | 20.0 | Vanadium | 4.88E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW140520 | 8/5/1996 | 20.0 | Zinc | 2.60E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW140625 | 8/5/1996 | 25.0 | Aluminum | 5.32E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW140625 | 8/5/1996 | 25.0 | Arsenic | 4.26E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW140625 | 8/5/1996 | 25.0 | Barium | 1.34E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW140625 | 8/5/1996 | 25.0 | Beryllium | 1.33E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW140625 | 8/5/1996 | 25.0 | Cadmium | 4.57E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW140625 | 8/5/1996 | 25.0 | Calcium | 4.85E+04 | | NS | NS | No Standard | No Standard | |
| CMW140625 | 8/5/1996 | 25.0 | Chromium | 3.01E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW140625 | 8/5/1996 | 25.0 | Cobalt | 9.07E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW140625 | 8/5/1996 | 25.0 | Copper | 8.33E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW140625 | 8/5/1996 | 25.0 | Iron | 2.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW140625 | 8/5/1996 | 25.0 | Lead | 1.06E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW140625 | 8/5/1996 | 25.0 | Magnesium | 1.71E+04 | | NS | NS | No Standard | No Standard | |
| CMW140625 | 8/5/1996 | 25.0 | Manganese | 5.02E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW140625 | 8/5/1996 | 25.0 | Nickel | 2.06E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW140625 | 8/5/1996 | 25.0 | Potassium | 1.70E+04 | | NS | NS | No Standard | No Standard | |
| CMW140625 | 8/5/1996 | 25.0 | Sodium | 6.20E+03 | | NS | NS | No Standard | No Standard | |
| CMW140625 | 8/5/1996 | 25.0 | Vanadium | 4.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW140625 | 8/5/1996 | 25.0 | Zinc | 3.84E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW140730 | 8/5/1996 | 30.0 | Aluminum | 4.38E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW140730 | 8/5/1996 | 30.0 | Arsenic | 6.71E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW140730 | 8/5/1996 | 30.0 | Barium | 5.77E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW140730 | 8/5/1996 | 30.0 | Beryllium | 1.15E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW140730 | 8/5/1996 | 30.0 | Cadmium | 3.88E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW140730 | 8/5/1996 | 30.0 | Calcium | 5.19E+04 | | NS | NS | No Standard | No Standard | |
| CMW140730 | 8/5/1996 | 30.0 | Chromium | 2.37E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW140730 | 8/5/1996 | 30.0 | Cobalt | 8.79E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW140730 | 8/5/1996 | 30.0 | Copper | 9.29E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW140730 | 8/5/1996 | 30.0 | Iron | 2.44E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW140730 | 8/5/1996 | 30.0 | Lead | 9.63E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW140730 | 8/5/1996 | 30.0 | Magnesium | 1.97E+04 | | NS | NS | No Standard | No Standard | |
| CMW140730 | 8/5/1996 | 30.0 | Manganese | 5.26E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW140730 | 8/5/1996 | 30.0 | Nickel | 2.04E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW140730 | 8/5/1996 | 30.0 | Potassium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| CMW140730 | 8/5/1996 | 30.0 | Sodium | 7.22E+03 | | NS | NS | No Standard | No Standard | |
| CMW140730 | 8/5/1996 | 30.0 | Vanadium | 4.24E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW140730 | 8/5/1996 | 30.0 | Zinc | 3.78E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW140835 | 8/5/1996 | 35.0 | Aluminum | 4.49E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW140835 | 8/5/1996 | 35.0 | Arsenic | 5.76E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW140835 | 8/5/1996 | 35.0 | Barium | 2.44E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW140835 | 8/5/1996 | 35.0 | Beryllium | 1.06E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW140835 | 8/5/1996 | 35.0 | Cadmium | 4.12E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW140835 | 8/5/1996 | 35.0 | Calcium | 4.30E+04 | | NS | NS | No Standard | No Standard | |
| CMW140835 | 8/5/1996 | 35.0 | Chromium | 2.45E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW140835 | 8/5/1996 | 35.0 | Cobalt | 8.87E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW140835 | 8/5/1996 | 35.0 | Copper | 8.41E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW140835 | 8/5/1996 | 35.0 | Iron | 2.65E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW140835 | 8/5/1996 | 35.0 | Lead | 1.48E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW140835 | 8/5/1996 | 35.0 | Magnesium | 1.80E+04 | | NS | NS | No Standard | No Standard | |
| CMW140835 | 8/5/1996 | 35.0 | Manganese | 4.82E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW140835 | 8/5/1996 | 35.0 | Molybdenum | 2.51E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW140835 | 8/5/1996 | 35.0 | Nickel | 2.08E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW140835 | 8/5/1996 | 35.0 | Potassium | 9.90E+03 | | NS | NS | No Standard | No Standard | |
| CMW140835 | 8/5/1996 | 35.0 | Sodium | 9.92E+03 | | NS | NS | No Standard | No Standard | |
| CMW140835 | 8/5/1996 | 35.0 | Vanadium | 5.75E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW140835 | 8/5/1996 | 35.0 | Zinc | 4.30E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW140940 | 8/5/1996 | 40.0 | Aluminum | 5.16E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW140940 | 8/5/1996 | 40.0 | Arsenic | 1.17E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW140940 | 8/5/1996 | 40.0 | Barium | 2.80E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW140940 | 8/5/1996 | 40.0 | Beryllium | 1.20E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW140940 | 8/5/1996 | 40.0 | Cadmium | 4.13E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW140940 | 8/5/1996 | 40.0 | Calcium | 1.52E+04 | | NS | NS | No Standard | No Standard | |
| CMW140940 | 8/5/1996 | 40.0 | Chromium | 1.58E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW140940 | 8/5/1996 | 40.0 | Cobalt | 1.11E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW140940 | 8/5/1996 | 40.0 | Copper | 1.20E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW140940 | 8/5/1996 | 40.0 | Iron | 2.97E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW140940 | 8/5/1996 | 40.0 | Lead | 1.30E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW140940 | 8/5/1996 | 40.0 | Magnesium | 1.75E+04 | | NS | NS | No Standard | No Standard | |
| CMW140940 | 8/5/1996 | 40.0 | Manganese | 3.99E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW140940 | 8/5/1996 | 40.0 | Nickel | 2.47E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW140940 | 8/5/1996 | 40.0 | Potassium | 9.50E+03 | | NS | NS | No Standard | No Standard | |
| CMW140940 | 8/5/1996 | 40.0 | Sodium | 1.37E+04 | | NS | NS | No Standard | No Standard | |
| CMW140940 | 8/5/1996 | 40.0 | Vanadium | 9.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW140940 | 8/5/1996 | 40.0 | Zinc | 4.44E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW141045 | 8/5/1996 | 45.0 | Aluminum | 5.17E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW141045 | 8/5/1996 | 45.0 | Antimony | 5.85E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW141045 | 8/5/1996 | 45.0 | Arsenic | 1.58E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW141045 | 8/5/1996 | 45.0 | Barium | 4.17E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW141045 | 8/5/1996 | 45.0 | Beryllium | 1.08E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW141045 | 8/5/1996 | 45.0 | Cadmium | 4.29E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW141045 | 8/5/1996 | 45.0 | Calcium | 1.54E+04 | | NS | NS | No Standard | No Standard | |
| CMW141045 | 8/5/1996 | 45.0 | Chromium | 2.05E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW141045 | 8/5/1996 | 45.0 | Cobalt | 1.24E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW141045 | 8/5/1996 | 45.0 | Copper | 1.39E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW141045 | 8/5/1996 | 45.0 | Iron | 3.07E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW141045 | 8/5/1996 | 45.0 | Lead | 1.28E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW141045 | 8/5/1996 | 45.0 | Magnesium | 1.65E+04 | | NS | NS | No Standard | No Standard | |
| CMW141045 | 8/5/1996 | 45.0 | Manganese | 4.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW141045 | 8/5/1996 | 45.0 | Nickel | 2.52E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW141045 | 8/5/1996 | 45.0 | Potassium | 8.13E+03 | | NS | NS | No Standard | No Standard | |
| CMW141045 | 8/5/1996 | 45.0 | Sodium | 1.46E+04 | | NS | NS | No Standard | No Standard | |
| CMW141045 | 8/5/1996 | 45.0 | Vanadium | 9.29E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW141045 | 8/5/1996 | 45.0 | Zinc | 4.72E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW141150 | 8/5/1996 | 50.0 | Aluminum | 5.27E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW141150 | 8/5/1996 | 50.0 | Arsenic | 1.52E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW141150 | 8/5/1996 | 50.0 | Barium | 5.03E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW141150 | 8/5/1996 | 50.0 | Beryllium | 1.12E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW141150 | 8/5/1996 | 50.0 | Cadmium | 4.11E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW141150 | 8/5/1996 | 50.0 | Calcium | 1.03E+04 | | NS | NS | No Standard | No Standard | |
| CMW141150 | 8/5/1996 | 50.0 | Chromium | 2.86E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW141150 | 8/5/1996 | 50.0 | Cobalt | 1.21E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW141150 | 8/5/1996 | 50.0 | Copper | 1.52E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW141150 | 8/5/1996 | 50.0 | Iron | 3.14E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW141150 | 8/5/1996 | 50.0 | Lead | 1.40E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW141150 | 8/5/1996 | 50.0 | Magnesium | 1.62E+04 | | NS | NS | No Standard | No Standard | |
| CMW141150 | 8/5/1996 | 50.0 | Manganese | 3.69E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW141150 | 8/5/1996 | 50.0 | Molybdenum | 2.97E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW141150 | 8/5/1996 | 50.0 | Nickel | 2.62E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW141150 | 8/5/1996 | 50.0 | Potassium | 8.44E+03 | | NS | NS | No Standard | No Standard | |
| CMW141150 | 8/5/1996 | 50.0 | Sodium | 1.36E+04 | | NS | NS | No Standard | No Standard | |
| CMW141150 | 8/5/1996 | 50.0 | Vanadium | 9.45E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW141150 | 8/5/1996 | 50.0 | Zinc | 4.67E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW141255 | 8/5/1996 | 55.0 | Aluminum | 4.80E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW141255 | 8/5/1996 | 55.0 | Arsenic | 1.36E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW141255 | 8/5/1996 | 55.0 | Barium | 2.29E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW141255 | 8/5/1996 | 55.0 | Beryllium | 1.26E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW141255 | 8/5/1996 | 55.0 | Cadmium | 4.06E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW141255 | 8/5/1996 | 55.0 | Calcium | 4.64E+04 | | NS | NS | No Standard | No Standard | |
| CMW141255 | 8/5/1996 | 55.0 | Chromium | 2.09E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW141255 | 8/5/1996 | 55.0 | Cobalt | 9.11E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW141255 | 8/5/1996 | 55.0 | Copper | 9.04E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW141255 | 8/5/1996 | 55.0 | Iron | 2.74E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW141255 | 8/5/1996 | 55.0 | Lead | 7.21E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW141255 | 8/5/1996 | 55.0 | Magnesium | 1.37E+04 | | NS | NS | No Standard | No Standard | |
| CMW141255 | 8/5/1996 | 55.0 | Manganese | 6.32E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW141255 | 8/5/1996 | 55.0 | Nickel | 2.15E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW141255 | 8/5/1996 | 55.0 | Potassium | 1.10E+04 | | NS | NS | No Standard | No Standard | |
| CMW141255 | 8/5/1996 | 55.0 | Sodium | 9.51E+03 | | NS | NS | No Standard | No Standard | |
| CMW141255 | 8/5/1996 | 55.0 | Vanadium | 7.23E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW141255 | 8/5/1996 | 55.0 | Zinc | 3.53E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | 4-Amino-2,6-dinitrotoluene | 4.18E-01 | J | NS | NS | No Standard | No Standard | |
| CMW141360 | 8/6/1996 | 60.0 | Aluminum | 4.96E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | Arsenic | 1.09E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW141360 | 8/6/1996 | 60.0 | Barium | 4.48E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | Beryllium | 1.47E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | Cadmium | 3.05E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | Calcium | 7.80E+04 | | NS | NS | No Standard | No Standard | |
| CMW141360 | 8/6/1996 | 60.0 | Chromium | 2.38E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW141360 | 8/6/1996 | 60.0 | Cobalt | 8.93E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | Copper | 9.99E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | Iron | 2.85E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW141360 | 8/6/1996 | 60.0 | Lead | 1.07E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | Magnesium | 1.44E+04 | | NS | NS | No Standard | No Standard | |
| CMW141360 | 8/6/1996 | 60.0 | Manganese | 7.60E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | Molybdenum | 1.39E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | Nickel | 2.53E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | Potassium | 1.40E+04 | | NS | NS | No Standard | No Standard | |
| CMW141360 | 8/6/1996 | 60.0 | Sodium | 6.90E+03 | | NS | NS | No Standard | No Standard | |
| CMW141360 | 8/6/1996 | 60.0 | Vanadium | 5.61E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW141360 | 8/6/1996 | 60.0 | Zinc | 3.80E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Aluminum | 1.11E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Arsenic | 1.65E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Barium | 1.10E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Beryllium | 4.18E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Cadmium | 2.29E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Calcium | 1.74E+04 | | NS | NS | No Standard | No Standard | |
| CMW150101 | 8/9/1996 | 1.0 | Chromium | 7.31E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW150101 | 8/9/1996 | 1.0 | Cobalt | 1.88E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Copper | 2.28E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Iron | 8.38E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Lead | 6.59E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Magnesium | 3.29E+03 | | NS | NS | No Standard | No Standard | |
| CMW150101 | 8/9/1996 | 1.0 | Manganese | 2.10E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Nickel | 5.39E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Potassium | 2.93E+03 | | NS | NS | No Standard | No Standard | |
| CMW150101 | 8/9/1996 | 1.0 | Sodium | 6.37E+01 | J | NS | NS | No Standard | No Standard | |
| CMW150101 | 8/9/1996 | 1.0 | Vanadium | 1.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW150101 | 8/9/1996 | 1.0 | Zinc | 2.27E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Aluminum | 1.56E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Antimony | 1.90E+01 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Arsenic | 2.67E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Barium | 1.80E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Cadmium | 2.62E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Calcium | 4.06E+04 | | NS | NS | No Standard | No Standard | |
| CMW150203 | 8/9/1996 | 3.0 | Chromium | 1.13E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW150203 | 8/9/1996 | 3.0 | Cobalt | 5.14E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Copper | 3.75E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Iron | 1.79E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Lead | 1.60E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Magnesium | 5.13E+03 | | NS | NS | No Standard | No Standard | |
| CMW150203 | 8/9/1996 | 3.0 | Manganese | 4.92E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Molybdenum | 1.25E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Nickel | 1.01E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW150203 | 8/9/1996 | 3.0 | Potassium | 2.89E+03 | | NS | NS | No Standard | No Standard | |
| CMW150203 | 8/9/1996 | 3.0 | Sodium | 3.33E+02 | J | NS | NS | No Standard | No Standard | |
| CMW150203 | 8/9/1996 | 3.0 | Vanadium | 2.56E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW150203 | 8/9/1996 | 3.0 | Zinc | 4.85E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Aluminum | 9.44E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Antimony | 4.87E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Arsenic | 1.18E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW160101 | 8/29/1996 | 1.0 | Barium | 4.28E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Beryllium | 8.45E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Cadmium | 7.76E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Calcium | 8.01E+03 | | NS | NS | No Standard | No Standard | |
| CMW160101 | 8/29/1996 | 1.0 | Chromium | 1.08E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW160101 | 8/29/1996 | 1.0 | Cobalt | 1.42E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Copper | 1.66E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Iron | 5.50E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW160101 | 8/29/1996 | 1.0 | Lead | 1.80E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Magnesium | 2.39E+03 | | NS | NS | No Standard | No Standard | |
| CMW160101 | 8/29/1996 | 1.0 | Manganese | 1.17E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Mercury | 3.53E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Nickel | 1.39E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Potassium | 1.52E+03 | | NS | NS | No Standard | No Standard | |
| CMW160101 | 8/29/1996 | 1.0 | Sodium | 8.80E+01 | J | NS | NS | No Standard | No Standard | |
| CMW160101 | 8/29/1996 | 1.0 | Thallium | 1.08E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Vanadium | 3.07E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW160101 | 8/29/1996 | 1.0 | Zinc | 8.85E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW160205 | 8/29/1996 | 5.0 | Aluminum | 1.11E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW160205 | 8/29/1996 | 5.0 | Arsenic | 5.62E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW160205 | 8/29/1996 | 5.0 | Barium | 2.46E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW160205 | 8/29/1996 | 5.0 | Beryllium | 8.10E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW160205 | 8/29/1996 | 5.0 | Calcium | 1.10E+04 | | NS | NS | No Standard | No Standard | |
| CMW160205 | 8/29/1996 | 5.0 | Chromium | 9.74E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW160205 | 8/29/1996 | 5.0 | Cobalt | 5.61E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW160205 | 8/29/1996 | 5.0 | Copper | 1.82E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW160205 | 8/29/1996 | 5.0 | Iron | 3.86E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW160205 | 8/29/1996 | 5.0 | Lead | 3.60E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW160205 | 8/29/1996 | 5.0 | Magnesium | 2.94E+03 | | NS | NS | No Standard | No Standard | |
| CMW160205 | 8/29/1996 | 5.0 | Manganese | 5.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW160205 | 8/29/1996 | 5.0 | Mercury | 4.24E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW160205 | 8/29/1996 | 5.0 | Nickel | 8.94E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW160205 | 8/29/1996 | 5.0 | Potassium | 1.72E+03 | | NS | NS | No Standard | No Standard | |
| CMW160205 | 8/29/1996 | 5.0 | Sodium | 1.06E+02 | J | NS | NS | No Standard | No Standard | |
| CMW160205 | 8/29/1996 | 5.0 | Vanadium | 2.74E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW160205 | 8/29/1996 | 5.0 | Zinc | 1.85E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW160310 | 8/29/1996 | 10.0 | Aluminum | 4.91E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW160310 | 8/29/1996 | 10.0 | Antimony | 5.29E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW160310 | 8/29/1996 | 10.0 | Arsenic | 2.98E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW160310 | 8/29/1996 | 10.0 | Barium | 1.32E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW160310 | 8/29/1996 | 10.0 | Beryllium | 1.66E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW160310 | 8/29/1996 | 10.0 | Calcium | 1.23E+04 | | NS | NS | No Standard | No Standard | |
| CMW160310 | 8/29/1996 | 10.0 | Chromium | 2.62E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW160310 | 8/29/1996 | 10.0 | Cobalt | 6.93E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW160310 | 8/29/1996 | 10.0 | Copper | 2.03E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW160310 | 8/29/1996 | 10.0 | Iron | 2.57E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW160310 | 8/29/1996 | 10.0 | Lead | 1.33E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW160310 | 8/29/1996 | 10.0 | Magnesium | 1.43E+04 | | NS | NS | No Standard | No Standard | |
| CMW160310 | 8/29/1996 | 10.0 | Manganese | 2.87E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW160310 | 8/29/1996 | 10.0 | Nickel | 1.67E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW160310 | 8/29/1996 | 10.0 | Potassium | 8.57E+03 | | NS | NS | No Standard | No Standard | |
| CMW160310 | 8/29/1996 | 10.0 | Sodium | 9.73E+02 | | NS | NS | No Standard | No Standard | |
| CMW160310 | 8/29/1996 | 10.0 | Vanadium | 5.42E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW160310 | 8/29/1996 | 10.0 | Zinc | 3.34E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Aluminum | 4.24E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Antimony | 5.75E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Arsenic | 1.01E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Barium | 1.20E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Beryllium | 1.19E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Calcium | 4.55E+03 | | NS | NS | No Standard | No Standard | |
| CMW160415 | 8/29/1996 | 15.0 | Chromium | 2.48E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW160415 | 8/29/1996 | 15.0 | Cobalt | 8.97E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Copper | 1.21E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Iron | 1.88E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Lead | 1.26E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Magnesium | 1.98E+04 | | NS | NS | No Standard | No Standard | |
| CMW160415 | 8/29/1996 | 15.0 | Manganese | 1.81E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Nickel | 1.39E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Potassium | 2.56E+03 | | NS | NS | No Standard | No Standard | |
| CMW160415 | 8/29/1996 | 15.0 | Sodium | 4.51E+02 | J | NS | NS | No Standard | No Standard | |
| CMW160415 | 8/29/1996 | 15.0 | Vanadium | 3.95E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW160415 | 8/29/1996 | 15.0 | Zinc | 3.44E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Aluminum | 7.31E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Arsenic | 1.45E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Barium | 5.69E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Beryllium | 2.22E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Cadmium | 9.77E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Calcium | 1.01E+04 | | NS | NS | No Standard | No Standard | |
| CMW170101 | 8/16/1996 | 1.0 | Chromium | 4.84E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW170101 | 8/16/1996 | 1.0 | Cobalt | 2.19E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Copper | 1.31E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Iron | 5.33E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Lead | 3.87E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Magnesium | 1.63E+03 | | NS | NS | No Standard | No Standard | |
| CMW170101 | 8/16/1996 | 1.0 | Manganese | 1.56E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Nickel | 3.14E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW170101 | 8/16/1996 | 1.0 | Potassium | 2.27E+03 | | NS | NS | No Standard | No Standard | |
| CMW170101 | 8/16/1996 | 1.0 | Sodium | 3.26E+01 | J | NS | NS | No Standard | No Standard | |
| CMW170101 | 8/16/1996 | 1.0 | Vanadium | 1.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW170101 | 8/16/1996 | 1.0 | Zinc | 1.36E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Aluminum | 1.22E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Arsenic | 1.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Barium | 1.13E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Beryllium | 3.56E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Cadmium | 3.50E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Calcium | 2.13E+04 | | NS | NS | No Standard | No Standard | |
| CMW170205 | 8/16/1996 | 5.0 | Chromium | 8.56E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW170205 | 8/16/1996 | 5.0 | Cobalt | 2.55E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Copper | 3.99E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Iron | 9.05E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Lead | 7.92E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Magnesium | 3.27E+03 | | NS | NS | No Standard | No Standard | |
| CMW170205 | 8/16/1996 | 5.0 | Manganese | 2.14E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Mercury | 5.72E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Nickel | 6.18E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Potassium | 2.99E+03 | | NS | NS | No Standard | No Standard | |
| CMW170205 | 8/16/1996 | 5.0 | Sodium | 7.08E+01 | J | NS | NS | No Standard | No Standard | |
| CMW170205 | 8/16/1996 | 5.0 | Vanadium | 1.82E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW170205 | 8/16/1996 | 5.0 | Zinc | 2.68E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Aluminum | 5.13E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Aluminum | 5.52E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Arsenic | 3.99E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW170310 | 8/16/1996 | 10.0 | Arsenic | 3.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Barium | 1.05E+03 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Barium | 5.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Beryllium | 1.06E+00 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Beryllium | 1.20E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Cadmium | 2.92E-01 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Cadmium | 1.96E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Calcium | 3.03E+04 | D | NS | NS | No Standard | No Standard | |
| CMW170310 | 8/16/1996 | 10.0 | Calcium | 3.21E+04 | | NS | NS | No Standard | No Standard | |
| CMW170310 | 8/16/1996 | 10.0 | Chromium | 2.54E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW170310 | 8/16/1996 | 10.0 | Chromium | 2.57E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW170310 | 8/16/1996 | 10.0 | Cobalt | 8.56E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Cobalt | 8.90E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Copper | 1.09E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Copper | 7.99E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Iron | 2.69E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170310 | 8/16/1996 | 10.0 | Iron | 2.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170310 | 8/16/1996 | 10.0 | Lead | 9.73E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Lead | 9.94E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW170310 | 8/16/1996 | 10.0 | Magnesium | 1.57E+04 | D | NS | NS | No Standard | No Standard | |
| CMW170310 | 8/16/1996 | 10.0 | Magnesium | 1.62E+04 | | NS | NS | No Standard | No Standard | |
| CMW170310 | 8/16/1996 | 10.0 | Manganese | 4.49E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Manganese | 3.25E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Molybdenum | 2.18E+00 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Molybdenum | 1.47E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Nickel | 2.37E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Nickel | 2.27E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Potassium | 1.70E+04 | D | NS | NS | No Standard | No Standard | |
| CMW170310 | 8/16/1996 | 10.0 | Potassium | 1.90E+04 | | NS | NS | No Standard | No Standard | |
| CMW170310 | 8/16/1996 | 10.0 | Sodium | 6.74E+02 | D | NS | NS | No Standard | No Standard | |
| CMW170310 | 8/16/1996 | 10.0 | Sodium | 7.14E+02 | | NS | NS | No Standard | No Standard | |
| CMW170310 | 8/16/1996 | 10.0 | Thallium | 1.69E+00 | D | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Thallium | 2.10E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Vanadium | 5.58E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Vanadium | 5.13E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Zinc | 3.22E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW170310 | 8/16/1996 | 10.0 | Zinc | 3.22E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Aluminum | 3.53E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Arsenic | 3.36E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Barium | 1.50E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Beryllium | 7.86E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Cadmium | 2.21E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Calcium | 5.90E+04 | | NS | NS | No Standard | No Standard | |
| CMW170415 | 8/16/1996 | 15.0 | Chromium | 2.52E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW170415 | 8/16/1996 | 15.0 | Cobalt | 8.14E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Copper | 8.78E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Iron | 1.96E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Lead | 7.08E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Magnesium | 1.43E+04 | | NS | NS | No Standard | No Standard | |
| CMW170415 | 8/16/1996 | 15.0 | Manganese | 3.72E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Nickel | 1.97E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Potassium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| CMW170415 | 8/16/1996 | 15.0 | Sodium | 8.64E+02 | | NS | NS | No Standard | No Standard | |
| CMW170415 | 8/16/1996 | 15.0 | Thallium | 1.24E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Vanadium | 4.77E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW170415 | 8/16/1996 | 15.0 | Zinc | 2.84E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Aluminum | 5.02E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Arsenic | 7.49E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Barium | 6.80E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Beryllium | 1.15E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Cadmium | 3.07E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Calcium | 8.60E+04 | | NS | NS | No Standard | No Standard | |
| CMW170525 | 8/16/1996 | 25.0 | Chromium | 3.83E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW170525 | 8/16/1996 | 25.0 | Cobalt | 9.02E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW170525 | 8/16/1996 | 25.0 | Copper | 8.14E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Iron | 2.45E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170525 | 8/16/1996 | 25.0 | Lead | 7.96E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Magnesium | 2.61E+04 | | NS | NS | No Standard | No Standard | |
| CMW170525 | 8/16/1996 | 25.0 | Manganese | 4.33E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Nickel | 2.09E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Potassium | 2.30E+04 | | NS | NS | No Standard | No Standard | |
| CMW170525 | 8/16/1996 | 25.0 | Sodium | 2.60E+03 | | NS | NS | No Standard | No Standard | |
| CMW170525 | 8/16/1996 | 25.0 | Thallium | 2.02E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Vanadium | 3.12E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW170525 | 8/16/1996 | 25.0 | Zinc | 2.64E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Aluminum | 5.00E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Arsenic | 1.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Barium | 5.49E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Beryllium | 1.07E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Cadmium | 2.91E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Calcium | 6.70E+04 | | NS | NS | No Standard | No Standard | |
| CMW170630 | 8/16/1996 | 30.0 | Chromium | 4.15E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW170630 | 8/16/1996 | 30.0 | Cobalt | 7.97E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Copper | 7.81E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Iron | 2.57E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170630 | 8/16/1996 | 30.0 | Lead | 8.44E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Magnesium | 2.07E+04 | | NS | NS | No Standard | No Standard | |
| CMW170630 | 8/16/1996 | 30.0 | Manganese | 4.81E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Molybdenum | 1.38E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Nickel | 2.10E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Potassium | 2.10E+04 | | NS | NS | No Standard | No Standard | |
| CMW170630 | 8/16/1996 | 30.0 | Sodium | 3.63E+03 | | NS | NS | No Standard | No Standard | |
| CMW170630 | 8/16/1996 | 30.0 | Thallium | 2.20E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Vanadium | 3.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW170630 | 8/16/1996 | 30.0 | Zinc | 3.20E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Aluminum | 4.19E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Arsenic | 5.04E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW170735 | 8/16/1996 | 35.0 | Barium | 4.23E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Beryllium | 9.27E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Cadmium | 2.28E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Calcium | 4.73E+04 | | NS | NS | No Standard | No Standard | |
| CMW170735 | 8/16/1996 | 35.0 | Chromium | 2.19E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW170735 | 8/16/1996 | 35.0 | Cobalt | 7.81E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Copper | 9.15E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Iron | 2.32E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Lead | 9.93E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Magnesium | 1.72E+04 | | NS | NS | No Standard | No Standard | |
| CMW170735 | 8/16/1996 | 35.0 | Manganese | 4.55E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Nickel | 2.08E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW170735 | 8/16/1996 | 35.0 | Potassium | 1.40E+04 | | NS | NS | No Standard | No Standard | |
| CMW170735 | 8/16/1996 | 35.0 | Sodium | 6.35E+03 | | NS | NS | No Standard | No Standard | |
| CMW170735 | 8/16/1996 | 35.0 | Thallium | 1.65E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Vanadium | 4.43E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW170735 | 8/16/1996 | 35.0 | Zinc | 2.83E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Aluminum | 5.90E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Arsenic | 6.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW170840 | 8/16/1996 | 40.0 | Barium | 3.59E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Beryllium | 1.28E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Cadmium | 3.14E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Calcium | 2.86E+04 | | NS | NS | No Standard | No Standard | |
| CMW170840 | 8/16/1996 | 40.0 | Chromium | 4.70E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW170840 | 8/16/1996 | 40.0 | Cobalt | 1.02E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Copper | 9.97E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Iron | 3.08E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170840 | 8/16/1996 | 40.0 | Lead | 1.04E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Magnesium | 1.80E+04 | | NS | NS | No Standard | No Standard | |
| CMW170840 | 8/16/1996 | 40.0 | Manganese | 3.80E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Nickel | 2.83E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Potassium | 2.00E+04 | | NS | NS | No Standard | No Standard | |
| CMW170840 | 8/16/1996 | 40.0 | Sodium | 8.01E+03 | | NS | NS | No Standard | No Standard | |
| CMW170840 | 8/16/1996 | 40.0 | Thallium | 2.00E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Vanadium | 6.36E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW170840 | 8/16/1996 | 40.0 | Zinc | 3.79E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW170945 | 8/16/1996 | 45.0 | Aluminum | 7.00E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW170945 | 8/16/1996 | 45.0 | Arsenic | 2.32E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW170945 | 8/16/1996 | 45.0 | Barium | 9.46E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW170945 | 8/16/1996 | 45.0 | Beryllium | 9.84E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW170945 | 8/16/1996 | 45.0 | Cadmium | 4.01E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW170945 | 8/16/1996 | 45.0 | Calcium | 1.88E+04 | | NS | NS | No Standard | No Standard | |
| CMW170945 | 8/16/1996 | 45.0 | Chromium | 2.52E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW170945 | 8/16/1996 | 45.0 | Cobalt | 1.46E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW170945 | 8/16/1996 | 45.0 | Copper | 2.02E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW170945 | 8/16/1996 | 45.0 | Iron | 3.66E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170945 | 8/16/1996 | 45.0 | Lead | 9.46E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW170945 | 8/16/1996 | 45.0 | Magnesium | 1.62E+04 | | NS | NS | No Standard | No Standard | |
| CMW170945 | 8/16/1996 | 45.0 | Manganese | 4.60E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW170945 | 8/16/1996 | 45.0 | Nickel | 3.52E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW170945 | 8/16/1996 | 45.0 | Potassium | 1.60E+04 | | NS | NS | No Standard | No Standard | |
| CMW170945 | 8/16/1996 | 45.0 | Sodium | 1.96E+04 | | NS | NS | No Standard | No Standard | |
| CMW170945 | 8/16/1996 | 45.0 | Thallium | 3.10E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW170945 | 8/16/1996 | 45.0 | Vanadium | 1.17E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW170945 | 8/16/1996 | 45.0 | Zinc | 4.50E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Aluminum | 4.78E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Arsenic | 7.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW171052 | 8/17/1996 | 52.0 | Barium | 3.32E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Beryllium | 1.06E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Cadmium | 3.07E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Calcium | 6.50E+04 | | NS | NS | No Standard | No Standard | |
| CMW171052 | 8/17/1996 | 52.0 | Chromium | 2.41E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW171052 | 8/17/1996 | 52.0 | Cobalt | 9.78E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Copper | 8.32E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Iron | 2.37E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW171052 | 8/17/1996 | 52.0 | Lead | 7.86E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Magnesium | 1.81E+04 | | NS | NS | No Standard | No Standard | |
| CMW171052 | 8/17/1996 | 52.0 | Manganese | 4.85E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Mercury | 3.49E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Nickel | 2.36E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Potassium | 1.40E+04 | | NS | NS | No Standard | No Standard | |
| CMW171052 | 8/17/1996 | 52.0 | Sodium | 8.83E+03 | | NS | NS | No Standard | No Standard | |
| CMW171052 | 8/17/1996 | 52.0 | Thallium | 2.56E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Vanadium | 5.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW171052 | 8/17/1996 | 52.0 | Zinc | 2.52E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Aluminum | 7.77E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Arsenic | 1.49E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Barium | 9.27E+01 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Beryllium | 2.34E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Calcium | 9.45E+03 | J | NS | NS | No Standard | No Standard | |
| CMW180101 | 8/19/1996 | 1.0 | Chromium | 4.65E+00 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW180101 | 8/19/1996 | 1.0 | Cobalt | 2.16E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Copper | 2.80E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Iron | 5.94E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Lead | 3.74E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Magnesium | 1.66E+03 | J | NS | NS | No Standard | No Standard | |
| CMW180101 | 8/19/1996 | 1.0 | Manganese | 1.63E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Nickel | 2.38E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Potassium | 2.19E+03 | J | NS | NS | No Standard | No Standard | |
| CMW180101 | 8/19/1996 | 1.0 | Sodium | 3.93E+01 | J | NS | NS | No Standard | No Standard | |
| CMW180101 | 8/19/1996 | 1.0 | Vanadium | 1.68E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW180101 | 8/19/1996 | 1.0 | Zinc | 1.11E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW180205 | 8/19/1996 | 5.0 | Aluminum | 1.01E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW180205 | 8/19/1996 | 5.0 | Arsenic | 1.68E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW180205 | 8/19/1996 | 5.0 | Barium | 7.72E+01 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW180205 | 8/19/1996 | 5.0 | Beryllium | 2.82E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW180205 | 8/19/1996 | 5.0 | Calcium | 9.28E+03 | J | NS | NS | No Standard | No Standard | |
| CMW180205 | 8/19/1996 | 5.0 | Chromium | 6.80E+00 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW180205 | 8/19/1996 | 5.0 | Cobalt | 2.35E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW180205 | 8/19/1996 | 5.0 | Copper | 3.40E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW180205 | 8/19/1996 | 5.0 | Iron | 7.38E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW180205 | 8/19/1996 | 5.0 | Lead | 4.25E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW180205 | 8/19/1996 | 5.0 | Magnesium | 2.15E+03 | J | NS | NS | No Standard | No Standard | |
| CMW180205 | 8/19/1996 | 5.0 | Manganese | 1.63E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW180205 | 8/19/1996 | 5.0 | Nickel | 4.04E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW180205 | 8/19/1996 | 5.0 | Potassium | 2.31E+03 | J | NS | NS | No Standard | No Standard | |
| CMW180205 | 8/19/1996 | 5.0 | Sodium | 5.62E+01 | J | NS | NS | No Standard | No Standard | |
| CMW180205 | 8/19/1996 | 5.0 | Vanadium | 1.88E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW180205 | 8/19/1996 | 5.0 | Zinc | 1.36E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Aluminum | 1.70E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Arsenic | 1.81E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Barium | 2.20E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Beryllium | 3.16E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Calcium | 2.15E+04 | J | NS | NS | No Standard | No Standard | |
| CMW180310 | 8/19/1996 | 10.0 | Chromium | 1.12E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW180310 | 8/19/1996 | 10.0 | Cobalt | 3.25E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Copper | 2.96E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Iron | 1.08E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Lead | 5.55E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Magnesium | 5.09E+03 | J | NS | NS | No Standard | No Standard | |
| CMW180310 | 8/19/1996 | 10.0 | Manganese | 2.41E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Nickel | 7.27E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Potassium | 3.94E+03 | J | NS | NS | No Standard | No Standard | |
| CMW180310 | 8/19/1996 | 10.0 | Sodium | 4.71E+02 | J | NS | NS | No Standard | No Standard | |
| CMW180310 | 8/19/1996 | 10.0 | Vanadium | 2.13E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW180310 | 8/19/1996 | 10.0 | Zinc | 1.73E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Aluminum | 4.02E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Arsenic | 1.53E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Barium | 3.85E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Beryllium | 9.65E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Calcium | 1.10E+05 | J | NS | NS | No Standard | No Standard | |
| CMW180415 | 8/19/1996 | 15.0 | Chromium | 3.73E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW180415 | 8/19/1996 | 15.0 | Cobalt | 6.27E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Copper | 3.75E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Iron | 2.07E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Lead | 8.23E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Magnesium | 1.48E+04 | J | NS | NS | No Standard | No Standard | |
| CMW180415 | 8/19/1996 | 15.0 | Manganese | 4.25E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Nickel | 1.47E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Potassium | 1.60E+04 | J | NS | NS | No Standard | No Standard | |
| CMW180415 | 8/19/1996 | 15.0 | Sodium | 1.11E+03 | J | NS | NS | No Standard | No Standard | |
| CMW180415 | 8/19/1996 | 15.0 | Thallium | 6.91E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Vanadium | 3.44E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW180415 | 8/19/1996 | 15.0 | Zinc | 3.22E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Aluminum | 3.37E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Arsenic | 1.09E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Barium | 6.42E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW180520 | 8/19/1996 | 20.0 | Beryllium | 9.37E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Calcium | 6.70E+04 | J | NS | NS | No Standard | No Standard | |
| CMW180520 | 8/19/1996 | 20.0 | Chromium | 2.55E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW180520 | 8/19/1996 | 20.0 | Cobalt | 7.57E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Copper | 3.52E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Iron | 1.86E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Lead | 8.42E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Magnesium | 1.78E+04 | J | NS | NS | No Standard | No Standard | |
| CMW180520 | 8/19/1996 | 20.0 | Manganese | 3.71E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Nickel | 1.68E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Potassium | 1.30E+04 | J | NS | NS | No Standard | No Standard | |
| CMW180520 | 8/19/1996 | 20.0 | Sodium | 5.36E+02 | J | NS | NS | No Standard | No Standard | |
| CMW180520 | 8/19/1996 | 20.0 | Thallium | 7.13E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Vanadium | 2.02E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW180520 | 8/19/1996 | 20.0 | Zinc | 3.01E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Aluminum | 1.32E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Arsenic | 1.88E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Barium | 1.18E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Beryllium | 5.47E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Cadmium | 2.05E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Calcium | 1.69E+04 | | NS | NS | No Standard | No Standard | |
| CMW190101 | 8/27/1996 | 1.0 | Chromium | 9.85E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW190101 | 8/27/1996 | 1.0 | Cobalt | 4.19E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Copper | 2.74E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Iron | 9.32E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Lead | 6.88E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Magnesium | 3.61E+03 | | NS | NS | No Standard | No Standard | |
| CMW190101 | 8/27/1996 | 1.0 | Manganese | 2.33E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Nickel | 6.02E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Potassium | 3.04E+03 | | NS | NS | No Standard | No Standard | |
| CMW190101 | 8/27/1996 | 1.0 | Sodium | 1.10E+02 | J | NS | NS | No Standard | No Standard | |
| CMW190101 | 8/27/1996 | 1.0 | Vanadium | 1.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW190101 | 8/27/1996 | 1.0 | Zinc | 2.55E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Aluminum | 1.49E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Arsenic | 2.29E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Barium | 2.19E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Beryllium | 4.53E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Cadmium | 1.60E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Calcium | 9.90E+04 | | NS | NS | No Standard | No Standard | |
| CMW190205 | 8/27/1996 | 5.0 | Chromium | 1.06E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW190205 | 8/27/1996 | 5.0 | Cobalt | 4.13E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Copper | 2.43E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Iron | 1.22E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Lead | 9.76E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Magnesium | 6.35E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW190205 | 8/27/1996 | 5.0 | Manganese | 8.13E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Nickel | 6.75E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Potassium | 3.02E+03 | | NS | NS | No Standard | No Standard | |
| CMW190205 | 8/27/1996 | 5.0 | Sodium | 3.53E+02 | J | NS | NS | No Standard | No Standard | |
| CMW190205 | 8/27/1996 | 5.0 | Thallium | 5.65E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Vanadium | 2.00E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW190205 | 8/27/1996 | 5.0 | Zinc | 3.88E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Aluminum | 2.05E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Arsenic | 1.63E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Barium | 1.07E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Beryllium | 6.41E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Calcium | 4.97E+04 | | NS | NS | No Standard | No Standard | |
| CMW190310 | 8/27/1996 | 10.0 | Chromium | 1.45E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW190310 | 8/27/1996 | 10.0 | Cobalt | 5.86E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Copper | 3.28E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Iron | 1.46E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Lead | 5.84E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Magnesium | 6.37E+03 | | NS | NS | No Standard | No Standard | |
| CMW190310 | 8/27/1996 | 10.0 | Manganese | 6.51E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Nickel | 6.19E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Potassium | 4.08E+03 | | NS | NS | No Standard | No Standard | |
| CMW190310 | 8/27/1996 | 10.0 | Sodium | 2.83E+02 | J | NS | NS | No Standard | No Standard | |
| CMW190310 | 8/27/1996 | 10.0 | Vanadium | 2.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW190310 | 8/27/1996 | 10.0 | Zinc | 2.16E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Aluminum | 6.90E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Antimony | 5.56E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Arsenic | 1.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Barium | 8.52E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Beryllium | 1.69E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Calcium | 3.61E+04 | | NS | NS | No Standard | No Standard | |
| CMW190415 | 8/27/1996 | 15.0 | Chromium | 4.07E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW190415 | 8/27/1996 | 15.0 | Cobalt | 1.30E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Copper | 5.34E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Iron | 3.63E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW190415 | 8/27/1996 | 15.0 | Lead | 1.36E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Magnesium | 1.74E+04 | | NS | NS | No Standard | No Standard | |
| CMW190415 | 8/27/1996 | 15.0 | Manganese | 5.27E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Nickel | 2.81E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Potassium | 1.70E+04 | | NS | NS | No Standard | No Standard | |
| CMW190415 | 8/27/1996 | 15.0 | Sodium | 1.67E+03 | | NS | NS | No Standard | No Standard | |
| CMW190415 | 8/27/1996 | 15.0 | Vanadium | 5.35E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW190415 | 8/27/1996 | 15.0 | Zinc | 5.07E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW190520 | 8/27/1996 | 20.0 | Aluminum | 7.60E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW190520 | 8/27/1996 | 20.0 | Arsenic | 1.73E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW190520 | 8/27/1996 | 20.0 | Barium | 8.51E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW190520 | 8/27/1996 | 20.0 | Beryllium | 1.73E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW190520 | 8/27/1996 | 20.0 | Calcium | 3.33E+04 | | NS | NS | No Standard | No Standard | |
| CMW190520 | 8/27/1996 | 20.0 | Chromium | 4.90E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW190520 | 8/27/1996 | 20.0 | Cobalt | 1.25E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW190520 | 8/27/1996 | 20.0 | Copper | 5.72E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW190520 | 8/27/1996 | 20.0 | Iron | 3.81E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW190520 | 8/27/1996 | 20.0 | Lead | 1.40E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW190520 | 8/27/1996 | 20.0 | Magnesium | 1.76E+04 | | NS | NS | No Standard | No Standard | |
| CMW190520 | 8/27/1996 | 20.0 | Manganese | 5.84E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW190520 | 8/27/1996 | 20.0 | Nickel | 2.82E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW190520 | 8/27/1996 | 20.0 | Potassium | 1.80E+04 | | NS | NS | No Standard | No Standard | |
| CMW190520 | 8/27/1996 | 20.0 | Sodium | 2.72E+03 | | NS | NS | No Standard | No Standard | |
| CMW190520 | 8/27/1996 | 20.0 | Thallium | 8.42E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW190520 | 8/27/1996 | 20.0 | Vanadium | 8.72E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW190520 | 8/27/1996 | 20.0 | Zinc | 5.55E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Aluminum | 7.00E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Arsenic | 1.36E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Barium | 1.69E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Beryllium | 1.67E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Calcium | 4.23E+04 | | NS | NS | No Standard | No Standard | |
| CMW190625 | 8/27/1996 | 25.0 | Chromium | 7.89E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW190625 | 8/27/1996 | 25.0 | Cobalt | 1.22E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Copper | 5.46E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Iron | 3.64E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW190625 | 8/27/1996 | 25.0 | Lead | 1.46E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Magnesium | 1.65E+04 | | NS | NS | No Standard | No Standard | |
| CMW190625 | 8/27/1996 | 25.0 | Manganese | 6.49E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Nickel | 2.72E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Potassium | 1.70E+04 | | NS | NS | No Standard | No Standard | |
| CMW190625 | 8/27/1996 | 25.0 | Sodium | 3.33E+03 | | NS | NS | No Standard | No Standard | |
| CMW190625 | 8/27/1996 | 25.0 | Thallium | 9.42E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Vanadium | 6.02E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW190625 | 8/27/1996 | 25.0 | Zinc | 5.33E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW190730 | 8/27/1996 | 30.0 | Aluminum | 6.70E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW190730 | 8/27/1996 | 30.0 | Arsenic | 1.04E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW190730 | 8/27/1996 | 30.0 | Barium | 2.53E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW190730 | 8/27/1996 | 30.0 | Beryllium | 1.64E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW190730 | 8/27/1996 | 30.0 | Calcium | 5.24E+04 | | NS | NS | No Standard | No Standard | |
| CMW190730 | 8/27/1996 | 30.0 | Chromium | 4.87E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW190730 | 8/27/1996 | 30.0 | Cobalt | 1.20E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW190730 | 8/27/1996 | 30.0 | Copper | 7.05E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW190730 | 8/27/1996 | 30.0 | Iron | 3.49E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW190730 | 8/27/1996 | 30.0 | Lead | 1.29E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW190730 | 8/27/1996 | 30.0 | Magnesium | 1.61E+04 | | NS | NS | No Standard | No Standard | |
| CMW190730 | 8/27/1996 | 30.0 | Manganese | 6.12E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW190730 | 8/27/1996 | 30.0 | Nickel | 2.58E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW190730 | 8/27/1996 | 30.0 | Potassium | 1.60E+04 | | NS | NS | No Standard | No Standard | |
| CMW190730 | 8/27/1996 | 30.0 | Sodium | 3.80E+03 | | NS | NS | No Standard | No Standard | |
| CMW190730 | 8/27/1996 | 30.0 | Thallium | 7.98E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW190730 | 8/27/1996 | 30.0 | Vanadium | 4.42E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW190730 | 8/27/1996 | 30.0 | Zinc | 5.37E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Aluminum | 5.16E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Antimony | 5.32E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Arsenic | 1.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Barium | 1.27E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Beryllium | 1.27E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Calcium | 1.25E+04 | | NS | NS | No Standard | No Standard | |
| CMW190835 | 8/28/1996 | 35.0 | Chromium | 3.78E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW190835 | 8/28/1996 | 35.0 | Cobalt | 9.11E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Copper | 5.19E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Iron | 3.29E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW190835 | 8/28/1996 | 35.0 | Lead | 1.38E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Magnesium | 1.34E+04 | | NS | NS | No Standard | No Standard | |
| CMW190835 | 8/28/1996 | 35.0 | Manganese | 3.15E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Nickel | 2.47E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Potassium | 9.40E+03 | | NS | NS | No Standard | No Standard | |
| CMW190835 | 8/28/1996 | 35.0 | Selenium | 7.20E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Sodium | 4.34E+03 | | NS | NS | No Standard | No Standard | |
| CMW190835 | 8/28/1996 | 35.0 | Thallium | 7.42E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Vanadium | 4.73E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW190835 | 8/28/1996 | 35.0 | Zinc | 4.79E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Aluminum | 6.00E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Arsenic | 8.78E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Barium | 1.26E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Beryllium | 1.45E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Calcium | 5.72E+03 | | NS | NS | No Standard | No Standard | |
| CMW190940 | 8/28/1996 | 40.0 | Chromium | 4.39E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW190940 | 8/28/1996 | 40.0 | Cobalt | 1.34E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Copper | 6.33E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Iron | 3.69E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW190940 | 8/28/1996 | 40.0 | Lead | 1.55E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Magnesium | 1.53E+04 | | NS | NS | No Standard | No Standard | |
| CMW190940 | 8/28/1996 | 40.0 | Manganese | 2.97E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Nickel | 2.75E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Potassium | 1.08E+04 | | NS | NS | No Standard | No Standard | |
| CMW190940 | 8/28/1996 | 40.0 | Sodium | 4.44E+03 | | NS | NS | No Standard | No Standard | |
| CMW190940 | 8/28/1996 | 40.0 | Thallium | 8.98E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Vanadium | 4.49E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW190940 | 8/28/1996 | 40.0 | Zinc | 6.08E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Aluminum | 2.52E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW200101 | 10/5/1996 | 1.0 | Arsenic | 1.58E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Barium | 1.98E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Beryllium | 5.56E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Cadmium | 6.80E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Calcium | 3.14E+04 | | NS | NS | No Standard | No Standard | |
| CMW200101 | 10/5/1996 | 1.0 | Chromium | 1.74E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW200101 | 10/5/1996 | 1.0 | Cobalt | 4.38E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Copper | 1.55E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Iron | 1.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Lead | 1.16E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Magnesium | 7.80E+03 | | NS | NS | No Standard | No Standard | |
| CMW200101 | 10/5/1996 | 1.0 | Manganese | 3.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Mercury | 5.68E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Nickel | 1.17E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Potassium | 3.63E+03 | | NS | NS | No Standard | No Standard | |
| CMW200101 | 10/5/1996 | 1.0 | Silver | 5.15E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Sodium | 2.60E+02 | J | NS | NS | No Standard | No Standard | |
| CMW200101 | 10/5/1996 | 1.0 | Vanadium | 2.17E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW200101 | 10/5/1996 | 1.0 | Zinc | 2.59E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Aluminum | 2.24E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Arsenic | 1.90E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Barium | 3.09E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Beryllium | 6.82E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Cadmium | 2.41E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Calcium | 3.53E+04 | | NS | NS | No Standard | No Standard | |
| CMW200205 | 10/5/1996 | 5.0 | Chromium | 1.42E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW200205 | 10/5/1996 | 5.0 | Cobalt | 4.64E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Copper | 1.13E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Iron | 1.42E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Lead | 7.33E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Magnesium | 6.13E+03 | | NS | NS | No Standard | No Standard | |
| CMW200205 | 10/5/1996 | 5.0 | Manganese | 3.42E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Nickel | 8.46E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Potassium | 4.10E+03 | | NS | NS | No Standard | No Standard | |
| CMW200205 | 10/5/1996 | 5.0 | RDX | 8.88E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Sodium | 3.75E+02 | J | NS | NS | No Standard | No Standard | |
| CMW200205 | 10/5/1996 | 5.0 | Vanadium | 2.68E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW200205 | 10/5/1996 | 5.0 | Zinc | 2.37E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Aluminum | 4.66E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Arsenic | 4.10E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW210110 | 7/14/1998 | 10.0 | Barium | 3.77E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Beryllium | 1.15E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Cadmium | 9.11E-02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Calcium | 6.10E+03 | | NS | NS | No Standard | No Standard | |
| CMW210110 | 7/14/1998 | 10.0 | Chromium | 4.10E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW210110 | 7/14/1998 | 10.0 | Copper | 1.33E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Iron | 4.32E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Lead | 1.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Magnesium | 2.22E+03 | | NS | NS | No Standard | No Standard | |
| CMW210110 | 7/14/1998 | 10.0 | Manganese | 1.11E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Mercury | 3.15E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Nickel | 2.22E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Potassium | 6.21E+02 | | NS | NS | No Standard | No Standard | |
| CMW210110 | 7/14/1998 | 10.0 | Silver | 4.93E-02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Sodium | 1.11E+03 | | NS | NS | No Standard | No Standard | |
| CMW210110 | 7/14/1998 | 10.0 | Thallium | 3.22E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Vanadium | 1.22E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW210110 | 7/14/1998 | 10.0 | Zinc | 6.87E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Aluminum | 5.06E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Arsenic | 1.03E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Barium | 1.24E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Beryllium | 1.20E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Calcium | 1.24E+04 | | NS | NS | No Standard | No Standard | |
| CMW210223 | 7/14/1998 | 23.0 | Chromium | 6.07E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW210223 | 7/14/1998 | 23.0 | Cobalt | 5.96E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Copper | 1.02E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Iron | 3.48E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW210223 | 7/14/1998 | 23.0 | Lead | 9.19E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Magnesium | 2.47E+03 | | NS | NS | No Standard | No Standard | |
| CMW210223 | 7/14/1998 | 23.0 | Manganese | 5.28E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Nickel | 5.51E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Potassium | 8.20E+02 | | NS | NS | No Standard | No Standard | |
| CMW210223 | 7/14/1998 | 23.0 | Silver | 1.70E-02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Sodium | 1.80E+03 | | NS | NS | No Standard | No Standard | |
| CMW210223 | 7/14/1998 | 23.0 | Thallium | 1.74E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Vanadium | 2.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW210223 | 7/14/1998 | 23.0 | Zinc | 3.93E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Aluminum | 1.03E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Aluminum | 9.51E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Arsenic | 3.66E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Arsenic | 4.41E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Barium | 2.97E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Barium | 2.54E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Beryllium | 1.41E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Beryllium | 1.63E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Cadmium | 3.35E-02 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Cadmium | 3.32E-02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Calcium | 8.90E+03 | D | NS | NS | No Standard | No Standard | |
| CMW220110 | 7/31/1998 | 10.0 | Calcium | 1.03E+04 | | NS | NS | No Standard | No Standard | |
| CMW220110 | 7/31/1998 | 10.0 | Chromium | 7.58E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW220110 | 7/31/1998 | 10.0 | Chromium | 6.97E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW220110 | 7/31/1998 | 10.0 | Cobalt | 5.27E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Cobalt | 5.31E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Copper | 8.68E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Copper | 8.63E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Iron | 1.21E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Iron | 1.10E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Lead | 2.19E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Lead | 2.43E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Magnesium | 3.52E+03 | D | NS | NS | No Standard | No Standard | |
| CMW220110 | 7/31/1998 | 10.0 | Magnesium | 3.32E+03 | | NS | NS | No Standard | No Standard | |
| CMW220110 | 7/31/1998 | 10.0 | Manganese | 3.30E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Manganese | 3.21E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Nickel | 8.90E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Nickel | 8.52E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Potassium | 1.76E+03 | D | NS | NS | No Standard | No Standard | |
| CMW220110 | 7/31/1998 | 10.0 | Potassium | 1.55E+03 | | NS | NS | No Standard | No Standard | |
| CMW220110 | 7/31/1998 | 10.0 | Silver | 3.44E-01 | D | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Sodium | 1.87E+03 | D | NS | NS | No Standard | No Standard | |
| CMW220110 | 7/31/1998 | 10.0 | Sodium | 1.66E+03 | | NS | NS | No Standard | No Standard | |
| CMW220110 | 7/31/1998 | 10.0 | Vanadium | 1.98E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Vanadium | 1.88E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Zinc | 4.62E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW220110 | 7/31/1998 | 10.0 | Zinc | 4.20E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Aluminum | 1.87E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Arsenic | 5.52E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Barium | 1.54E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Beryllium | 3.45E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Calcium | 6.48E+03 | | NS | NS | No Standard | No Standard | |
| CMW220228 | 7/31/1998 | 28.0 | Chromium | 8.34E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW220228 | 7/31/1998 | 28.0 | Cobalt | 4.28E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Copper | 1.43E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Iron | 6.26E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Lead | 1.92E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Magnesium | 9.22E+03 | | NS | NS | No Standard | No Standard | |
| CMW220228 | 7/31/1998 | 28.0 | Manganese | 2.52E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Nickel | 9.44E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Potassium | 1.76E+03 | | NS | NS | No Standard | No Standard | |
| CMW220228 | 7/31/1998 | 28.0 | Sodium | 1.54E+03 | | NS | NS | No Standard | No Standard | |
| CMW220228 | 7/31/1998 | 28.0 | Vanadium | 1.54E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW220228 | 7/31/1998 | 28.0 | Zinc | 2.41E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Aluminum | 5.05E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Arsenic | 2.69E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Barium | 1.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Beryllium | 1.33E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW230110 | 8/17/1998 | 10.0 | Cadmium | 4.79E-02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Calcium | 1.01E+04 | | NS | NS | No Standard | No Standard | |
| CMW230110 | 8/17/1998 | 10.0 | Chromium | 4.74E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW230110 | 8/17/1998 | 10.0 | Cobalt | 4.63E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Copper | 6.11E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Iron | 6.53E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Lead | 1.71E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Magnesium | 1.68E+03 | | NS | NS | No Standard | No Standard | |
| CMW230110 | 8/17/1998 | 10.0 | Manganese | 2.32E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Nickel | 5.26E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Potassium | 9.37E+02 | | NS | NS | No Standard | No Standard | |
| CMW230110 | 8/17/1998 | 10.0 | Selenium | 1.94E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Silver | 2.93E-02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Sodium | 2.32E+02 | | NS | NS | No Standard | No Standard | |
| CMW230110 | 8/17/1998 | 10.0 | Thallium | 9.77E-03 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Vanadium | 1.68E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW230110 | 8/17/1998 | 10.0 | Zinc | 4.21E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Aluminum | 5.00E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Arsenic | 4.45E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Barium | 3.26E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Beryllium | 1.30E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Cadmium | 3.43E-02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Calcium | 1.96E+04 | | NS | NS | No Standard | No Standard | |
| CMW230229 | 8/17/1998 | 29.0 | Chromium | 6.63E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW230229 | 8/17/1998 | 29.0 | Cobalt | 2.72E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Copper | 3.70E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Iron | 1.63E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Lead | 1.57E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Magnesium | 2.07E+03 | | NS | NS | No Standard | No Standard | |
| CMW230229 | 8/17/1998 | 29.0 | Manganese | 3.91E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Nickel | 4.35E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Potassium | 5.76E+02 | | NS | NS | No Standard | No Standard | |
| CMW230229 | 8/17/1998 | 29.0 | Selenium | 3.13E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Silver | 1.68E-02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Sodium | 7.07E+02 | | NS | NS | No Standard | No Standard | |
| CMW230229 | 8/17/1998 | 29.0 | Vanadium | 3.04E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW230229 | 8/17/1998 | 29.0 | Zinc | 2.07E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Aluminum | 3.11E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Arsenic | 3.37E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Barium | 2.77E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Beryllium | 1.04E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Cadmium | 7.37E-02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Calcium | 6.10E+03 | | NS | NS | No Standard | No Standard | |
| CMW240110 | 7/15/1998 | 10.0 | Chromium | 3.88E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW240110 | 7/15/1998 | 10.0 | Cobalt | 4.33E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW240110 | 7/15/1998 | 10.0 | Copper | 1.44E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Iron | 8.88E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Lead | 1.21E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Magnesium | 1.44E+03 | | NS | NS | No Standard | No Standard | |
| CMW240110 | 7/15/1998 | 10.0 | Manganese | 8.32E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Mercury | 4.48E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Nickel | 4.88E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Potassium | 3.55E+02 | | NS | NS | No Standard | No Standard | |
| CMW240110 | 7/15/1998 | 10.0 | Silver | 4.36E-02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Sodium | 1.66E+03 | | NS | NS | No Standard | No Standard | |
| CMW240110 | 7/15/1998 | 10.0 | Thallium | 2.92E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Vanadium | 1.66E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW240110 | 7/15/1998 | 10.0 | Zinc | 5.77E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Aluminum | 4.83E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Arsenic | 8.56E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Barium | 1.57E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Beryllium | 1.46E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Calcium | 1.11E+04 | | NS | NS | No Standard | No Standard | |
| CMW240265 | 7/15/1998 | 65.0 | Chromium | 1.68E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW240265 | 7/15/1998 | 65.0 | Copper | 1.35E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Iron | 1.35E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Lead | 1.18E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Magnesium | 1.11E+03 | | NS | NS | No Standard | No Standard | |
| CMW240265 | 7/15/1998 | 65.0 | Manganese | 1.12E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Potassium | 4.94E+02 | | NS | NS | No Standard | No Standard | |
| CMW240265 | 7/15/1998 | 65.0 | Silver | 2.76E-02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Sodium | 5.16E+03 | | NS | NS | No Standard | No Standard | |
| CMW240265 | 7/15/1998 | 65.0 | Thallium | 3.52E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Vanadium | 6.85E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW240265 | 7/15/1998 | 65.0 | Zinc | 2.58E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW250110 | 9/9/1998 | 10.0 | Aluminum | 3.32E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW250110 | 9/9/1998 | 10.0 | Arsenic | 1.91E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW250110 | 9/9/1998 | 10.0 | Barium | 5.71E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW250110 | 9/9/1998 | 10.0 | Beryllium | 8.28E-02 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW250110 | 9/9/1998 | 10.0 | Calcium | 1.14E+04 | | NS | NS | No Standard | No Standard | |
| CMW250110 | 9/9/1998 | 10.0 | Chromium | 2.70E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW250110 | 9/9/1998 | 10.0 | Copper | 1.97E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW250110 | 9/9/1998 | 10.0 | Iron | 3.43E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW250110 | 9/9/1998 | 10.0 | Lead | 1.57E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW250110 | 9/9/1998 | 10.0 | Magnesium | 1.45E+03 | | NS | NS | No Standard | No Standard | |
| CMW250110 | 9/9/1998 | 10.0 | Manganese | 8.93E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW250110 | 9/9/1998 | 10.0 | Nickel | 2.91E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW250110 | 9/9/1998 | 10.0 | Potassium | 5.09E+02 | | NS | NS | No Standard | No Standard | |
| CMW250110 | 9/9/1998 | 10.0 | Sodium | 7.89E+02 | | NS | NS | No Standard | No Standard | |
| CMW250110 | 9/9/1998 | 10.0 | Thallium | 1.37E-02 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW250110 | 9/9/1998 | 10.0 | Vanadium | 1.04E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW250110 | 9/9/1998 | 10.0 | Zinc | 7.27E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Aluminum | 1.11E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Arsenic | 1.45E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Barium | 3.77E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Beryllium | 8.07E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Cadmium | 6.70E-02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Calcium | 4.55E+04 | | NS | NS | No Standard | No Standard | |
| CMW250274 | 9/12/1998 | 74.0 | Chromium | 4.66E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CMW250274 | 9/12/1998 | 74.0 | Cobalt | 2.88E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Copper | 7.87E-01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Iron | 3.88E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Lead | 5.76E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Magnesium | 4.43E+03 | | NS | NS | No Standard | No Standard | |
| CMW250274 | 9/12/1998 | 74.0 | Manganese | 6.32E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Nickel | 6.21E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Potassium | 2.00E+03 | | NS | NS | No Standard | No Standard | |
| CMW250274 | 9/12/1998 | 74.0 | Selenium | 4.48E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Silver | 3.57E-02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Sodium | 4.32E+03 | | NS | NS | No Standard | No Standard | |
| CMW250274 | 9/12/1998 | 74.0 | Thallium | 4.70E-02 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Vanadium | 1.55E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CMW250274 | 9/12/1998 | 74.0 | Zinc | 1.08E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Aluminum | 1.12E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Arsenic | 1.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Barium | 5.12E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Beryllium | 4.02E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Calcium | 2.54E+04 | | NS | NS | No Standard | No Standard | |
| CRP1001402 | 7/30/1996 | 2.0 | Chromium | 7.73E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1001402 | 7/30/1996 | 2.0 | Cobalt | 3.18E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Copper | 2.33E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Iron | 1.04E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Lead | 4.81E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Magnesium | 3.56E+03 | | NS | NS | No Standard | No Standard | |
| CRP1001402 | 7/30/1996 | 2.0 | Manganese | 3.61E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Nickel | 4.99E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Potassium | 2.34E+03 | | NS | NS | No Standard | No Standard | |
| CRP1001402 | 7/30/1996 | 2.0 | Sodium | 1.19E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1001402 | 7/30/1996 | 2.0 | Vanadium | 2.13E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1001402 | 7/30/1996 | 2.0 | Zinc | 1.37E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1001602 | 8/24/1996 | 2.0 | Total organic carbon | 2.07E+03 | | NS | NS | No Standard | No Standard | |
| CRP1001802 | 9/16/1996 | 2.0 | Aluminum | 1.74E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Arsenic | 2.16E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Barium | 1.29E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Beryllium | 5.09E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1001802 | 9/16/1996 | 2.0 | Cadmium | 9.46E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Calcium | 1.57E+04 | | NS | NS | No Standard | No Standard | |
| CRP1001802 | 9/16/1996 | 2.0 | Chromium | 1.15E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1001802 | 9/16/1996 | 2.0 | Cobalt | 4.08E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Copper | 1.27E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Iron | 1.26E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Lead | 9.78E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Magnesium | 4.66E+03 | | NS | NS | No Standard | No Standard | |
| CRP1001802 | 9/16/1996 | 2.0 | Manganese | 2.17E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Mercury | 5.96E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Nickel | 8.90E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Potassium | 3.67E+03 | | NS | NS | No Standard | No Standard | |
| CRP1001802 | 9/16/1996 | 2.0 | Selenium | 5.31E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Sodium | 2.29E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1001802 | 9/16/1996 | 2.0 | Vanadium | 2.31E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1001802 | 9/16/1996 | 2.0 | Zinc | 3.30E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Aluminum | 6.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Arsenic | 7.84E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Barium | 1.04E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Beryllium | 1.36E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Cadmium | 1.12E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Calcium | 3.44E+04 | | NS | NS | No Standard | No Standard | |
| CRP1002102 | 9/16/1996 | 2.0 | Chromium | 3.84E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1002102 | 9/16/1996 | 2.0 | Cobalt | 1.18E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Copper | 4.20E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Iron | 3.32E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP1002102 | 9/16/1996 | 2.0 | Lead | 1.26E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Magnesium | 1.49E+04 | | NS | NS | No Standard | No Standard | |
| CRP1002102 | 9/16/1996 | 2.0 | Manganese | 4.66E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Nickel | 2.80E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Potassium | 1.04E+04 | | NS | NS | No Standard | No Standard | |
| CRP1002102 | 9/16/1996 | 2.0 | Sodium | 1.25E+03 | | NS | NS | No Standard | No Standard | |
| CRP1002102 | 9/16/1996 | 2.0 | Vanadium | 6.05E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1002102 | 9/16/1996 | 2.0 | Zinc | 4.32E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1002508 | 7/31/1996 | 8.0 | Aluminum | 6.90E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1002508 | 7/31/1996 | 8.0 | Arsenic | 4.96E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP1002508 | 7/31/1996 | 8.0 | Barium | 3.86E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1002508 | 7/31/1996 | 8.0 | Beryllium | 1.64E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1002508 | 7/31/1996 | 8.0 | Cadmium | 4.50E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1002508 | 7/31/1996 | 8.0 | Calcium | 1.57E+04 | | NS | NS | No Standard | No Standard | |
| CRP1002508 | 7/31/1996 | 8.0 | Chromium | 3.94E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1002508 | 7/31/1996 | 8.0 | Cobalt | 1.08E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1002508 | 7/31/1996 | 8.0 | Copper | 7.45E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1002508 | 7/31/1996 | 8.0 | Iron | 3.98E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP1002508 | 7/31/1996 | 8.0 | Lead | 1.13E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1002508 | 7/31/1996 | 8.0 | Magnesium | 1.76E+04 | | NS | NS | No Standard | No Standard | |
| CRP1002508 | 7/31/1996 | 8.0 | Manganese | 3.77E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1002508 | 7/31/1996 | 8.0 | Nickel | 2.83E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1002508 | 7/31/1996 | 8.0 | Potassium | 1.80E+04 | | NS | NS | No Standard | No Standard | |
| CRP1002508 | 7/31/1996 | 8.0 | Sodium | 3.30E+03 | | NS | NS | No Standard | No Standard | |
| CRP1002508 | 7/31/1996 | 8.0 | Thallium | 2.45E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP1002508 | 7/31/1996 | 8.0 | Vanadium | 1.44E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CRP1002508 | 7/31/1996 | 8.0 | Zinc | 5.99E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | 4-Amino-2,6-dinitrotoluene | 1.69E-01 | J | NS | NS | No Standard | No Standard | |
| CRP1002802 | 9/16/1996 | 2.0 | Aluminum | 1.42E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Arsenic | 1.54E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Barium | 1.44E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Beryllium | 4.47E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Calcium | 1.44E+04 | | NS | NS | No Standard | No Standard | |
| CRP1002802 | 9/16/1996 | 2.0 | Chromium | 9.77E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1002802 | 9/16/1996 | 2.0 | Cobalt | 3.69E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Copper | 3.32E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Iron | 9.74E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Lead | 5.63E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Magnesium | 3.75E+03 | | NS | NS | No Standard | No Standard | |
| CRP1002802 | 9/16/1996 | 2.0 | Manganese | 2.17E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Nickel | 6.96E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Potassium | 2.93E+03 | | NS | NS | No Standard | No Standard | |
| CRP1002802 | 9/16/1996 | 2.0 | Selenium | 5.23E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Sodium | 9.70E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1002802 | 9/16/1996 | 2.0 | Vanadium | 2.01E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1002802 | 9/16/1996 | 2.0 | Zinc | 1.58E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1003310 | 9/18/1996 | 10.0 | Aluminum | 4.13E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1003310 | 9/18/1996 | 10.0 | Arsenic | 1.65E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1003310 | 9/18/1996 | 10.0 | Barium | 4.21E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1003310 | 9/18/1996 | 10.0 | Beryllium | 8.80E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1003310 | 9/18/1996 | 10.0 | Calcium | 4.85E+04 | | NS | NS | No Standard | No Standard | |
| CRP1003310 | 9/18/1996 | 10.0 | Chromium | 2.22E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1003310 | 9/18/1996 | 10.0 | Cobalt | 7.60E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1003310 | 9/18/1996 | 10.0 | Copper | 3.59E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1003310 | 9/18/1996 | 10.0 | Iron | 2.53E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP1003310 | 9/18/1996 | 10.0 | Lead | 1.13E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1003310 | 9/18/1996 | 10.0 | Magnesium | 1.32E+04 | | NS | NS | No Standard | No Standard | |
| CRP1003310 | 9/18/1996 | 10.0 | Manganese | 6.02E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1003310 | 9/18/1996 | 10.0 | Nickel | 1.94E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1003310 | 9/18/1996 | 10.0 | Potassium | 1.03E+04 | | NS | NS | No Standard | No Standard | |
| CRP1003310 | 9/18/1996 | 10.0 | Sodium | 8.41E+02 | | NS | NS | No Standard | No Standard | |
| CRP1003310 | 9/18/1996 | 10.0 | Vanadium | 3.86E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1003310 | 9/18/1996 | 10.0 | Zinc | 2.63E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | 4-Amino-2,6-dinitrotoluene | 4.36E-01 | J | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1010311 | 8/6/1996 | 11.0 | Aluminum | 1.13E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | Arsenic | 7.16E-01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | Barium | 5.99E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | Calcium | 6.85E+03 | | NS | NS | No Standard | No Standard | |
| CRP1010311 | 8/6/1996 | 11.0 | Chromium | 4.66E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1010311 | 8/6/1996 | 11.0 | Cobalt | 1.66E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | Copper | 3.43E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | Iron | 5.40E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | Lead | 4.28E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | Magnesium | 1.61E+03 | | NS | NS | No Standard | No Standard | |
| CRP1010311 | 8/6/1996 | 11.0 | Manganese | 1.02E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | Nickel | 3.84E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | Potassium | 1.24E+03 | | NS | NS | No Standard | No Standard | |
| CRP1010311 | 8/6/1996 | 11.0 | Selenium | 6.03E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | Sodium | 5.30E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1010311 | 8/6/1996 | 11.0 | Vanadium | 1.18E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1010311 | 8/6/1996 | 11.0 | Zinc | 1.07E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Aluminum | 1.71E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Arsenic | 1.56E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Barium | 1.63E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Beryllium | 7.29E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Cadmium | 1.48E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Calcium | 1.86E+04 | | NS | NS | No Standard | No Standard | |
| CRP1010604 | 8/7/1996 | 4.0 | Chromium | 1.18E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1010604 | 8/7/1996 | 4.0 | Cobalt | 4.45E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Copper | 4.38E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Iron | 1.12E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Lead | 6.14E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Magnesium | 3.48E+03 | | NS | NS | No Standard | No Standard | |
| CRP1010604 | 8/7/1996 | 4.0 | Manganese | 2.52E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Nickel | 5.54E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Potassium | 3.84E+03 | | NS | NS | No Standard | No Standard | |
| CRP1010604 | 8/7/1996 | 4.0 | Sodium | 7.40E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1010604 | 8/7/1996 | 4.0 | Vanadium | 2.40E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1010604 | 8/7/1996 | 4.0 | Zinc | 2.01E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Aluminum | 2.18E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Arsenic | 1.39E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Barium | 1.55E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Beryllium | 8.60E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Cadmium | 1.75E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Calcium | 1.78E+04 | | NS | NS | No Standard | No Standard | |
| CRP1010905 | 8/7/1996 | 5.0 | Chromium | 1.38E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1010905 | 8/7/1996 | 5.0 | Cobalt | 4.75E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Copper | 4.53E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Iron | 1.29E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1010905 | 8/7/1996 | 5.0 | Lead | 6.91E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Magnesium | 4.16E+03 | | NS | NS | No Standard | No Standard | |
| CRP1010905 | 8/7/1996 | 5.0 | Manganese | 2.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Nickel | 7.18E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Potassium | 4.50E+03 | | NS | NS | No Standard | No Standard | |
| CRP1010905 | 8/7/1996 | 5.0 | Sodium | 2.22E+02 | J | NS | NS | No Standard | No Standard | |
| CRP1010905 | 8/7/1996 | 5.0 | Vanadium | 3.03E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1010905 | 8/7/1996 | 5.0 | Zinc | 2.11E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Aluminum | 1.04E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Antimony | 7.51E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Arsenic | 8.45E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Barium | 1.18E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Beryllium | 5.22E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Cadmium | 8.40E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Calcium | 1.16E+04 | | NS | NS | No Standard | No Standard | |
| CRP1011414 | 8/8/1996 | 14.0 | Chromium | 6.81E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1011414 | 8/8/1996 | 14.0 | Cobalt | 2.32E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Copper | 3.10E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Iron | 7.42E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Lead | 4.27E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Magnesium | 2.40E+03 | | NS | NS | No Standard | No Standard | |
| CRP1011414 | 8/8/1996 | 14.0 | Manganese | 1.46E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Molybdenum | 2.98E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Nickel | 2.47E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Potassium | 2.35E+03 | | NS | NS | No Standard | No Standard | |
| CRP1011414 | 8/8/1996 | 14.0 | Sodium | 8.10E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1011414 | 8/8/1996 | 14.0 | Vanadium | 1.93E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1011414 | 8/8/1996 | 14.0 | Zinc | 1.40E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Aluminum | 7.96E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Arsenic | 1.13E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Barium | 5.09E+01 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Beryllium | 4.23E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Calcium | 6.13E+03 | J | NS | NS | No Standard | No Standard | |
| CRP1020413 | 8/7/1996 | 13.0 | Chromium | 5.55E+00 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1020413 | 8/7/1996 | 13.0 | Cobalt | 2.34E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Copper | 2.19E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Iron | 6.60E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Lead | 3.35E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Magnesium | 1.90E+03 | J | NS | NS | No Standard | No Standard | |
| CRP1020413 | 8/7/1996 | 13.0 | Manganese | 1.28E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Nickel | 2.25E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Potassium | 2.04E+03 | J | NS | NS | No Standard | No Standard | |
| CRP1020413 | 8/7/1996 | 13.0 | RDX | 4.03E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1020413 | 8/7/1996 | 13.0 | Sodium | 5.16E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1020413 | 8/7/1996 | 13.0 | Vanadium | 1.57E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1020413 | 8/7/1996 | 13.0 | Zinc | 1.24E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Aluminum | 1.65E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Arsenic | 1.70E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Barium | 1.74E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Beryllium | 4.55E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Calcium | 1.78E+04 | | NS | NS | No Standard | No Standard | |
| CRP1020503 | 8/7/1996 | 3.0 | Chromium | 1.08E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1020503 | 8/7/1996 | 3.0 | Cobalt | 3.22E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Copper | 3.73E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Iron | 1.04E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Lead | 5.19E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Magnesium | 3.99E+03 | | NS | NS | No Standard | No Standard | |
| CRP1020503 | 8/7/1996 | 3.0 | Manganese | 2.85E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Molybdenum | 1.38E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Nickel | 7.98E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Potassium | 3.23E+03 | | NS | NS | No Standard | No Standard | |
| CRP1020503 | 8/7/1996 | 3.0 | RDX | 2.99E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Vanadium | 2.41E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1020503 | 8/7/1996 | 3.0 | Zinc | 1.87E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Aluminum | 1.10E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Arsenic | 2.00E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Barium | 1.93E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Beryllium | 5.77E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Cadmium | 1.36E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Calcium | 1.23E+04 | J | NS | NS | No Standard | No Standard | |
| CRP1030204 | 8/7/1996 | 4.0 | Chromium | 8.05E+00 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1030204 | 8/7/1996 | 4.0 | Cobalt | 3.75E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Copper | 3.50E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Iron | 9.58E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Lead | 5.77E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Magnesium | 2.89E+03 | J | NS | NS | No Standard | No Standard | |
| CRP1030204 | 8/7/1996 | 4.0 | Manganese | 2.14E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Nickel | 4.32E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Potassium | 2.22E+03 | J | NS | NS | No Standard | No Standard | |
| CRP1030204 | 8/7/1996 | 4.0 | RDX | 8.16E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Sodium | 4.91E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1030204 | 8/7/1996 | 4.0 | Vanadium | 1.93E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1030204 | 8/7/1996 | 4.0 | Zinc | 1.54E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP1040312 | 8/8/1996 | 12.0 | Total organic carbon | 1.50E+03 | | NS | NS | No Standard | No Standard | |
| CRP1040402 | 8/8/1996 | 2.0 | Aluminum | 1.85E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Arsenic | 1.05E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Barium | 1.10E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Beryllium | 5.84E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Cadmium | 1.19E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Calcium | 7.81E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP1040402 | 8/8/1996 | 2.0 | Chromium | 1.15E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP1040402 | 8/8/1996 | 2.0 | Cobalt | 3.54E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Copper | 3.46E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Iron | 1.05E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Lead | 5.70E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Magnesium | 3.96E+03 | | NS | NS | No Standard | No Standard | |
| CRP1040402 | 8/8/1996 | 2.0 | Manganese | 2.59E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Nickel | 6.29E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Potassium | 3.97E+03 | | NS | NS | No Standard | No Standard | |
| CRP1040402 | 8/8/1996 | 2.0 | Sodium | 9.92E+01 | J | NS | NS | No Standard | No Standard | |
| CRP1040402 | 8/8/1996 | 2.0 | Vanadium | 2.23E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP1040402 | 8/8/1996 | 2.0 | Zinc | 1.97E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Aluminum | 2.70E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Arsenic | 1.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Barium | 3.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Beryllium | 7.72E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Cadmium | 2.82E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Calcium | 1.94E+04 | | NS | NS | No Standard | No Standard | |
| CRP2010605 | 8/5/1996 | 5.0 | Chromium | 1.66E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP2010605 | 8/5/1996 | 5.0 | Cobalt | 6.40E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Copper | 7.38E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Iron | 1.64E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Lead | 2.36E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Magnesium | 7.55E+03 | | NS | NS | No Standard | No Standard | |
| CRP2010605 | 8/5/1996 | 5.0 | Manganese | 3.91E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Molybdenum | 1.74E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Nickel | 1.22E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Potassium | 3.50E+03 | | NS | NS | No Standard | No Standard | |
| CRP2010605 | 8/5/1996 | 5.0 | Silver | 6.78E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Sodium | 1.25E+02 | J | NS | NS | No Standard | No Standard | |
| CRP2010605 | 8/5/1996 | 5.0 | Vanadium | 2.74E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP2010605 | 8/5/1996 | 5.0 | Zinc | 1.06E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP2010815 | 8/5/1996 | 15.0 | Aluminum | 4.54E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP2010815 | 8/5/1996 | 15.0 | Barium | 4.54E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP2010815 | 8/5/1996 | 15.0 | Beryllium | 9.32E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP2010815 | 8/5/1996 | 15.0 | Cadmium | 2.95E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP2010815 | 8/5/1996 | 15.0 | Calcium | 1.28E+04 | J | NS | NS | No Standard | No Standard | |
| CRP2010815 | 8/5/1996 | 15.0 | Chromium | 3.48E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP2010815 | 8/5/1996 | 15.0 | Cobalt | 1.18E+01 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP2010815 | 8/5/1996 | 15.0 | Copper | 6.79E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP2010815 | 8/5/1996 | 15.0 | Iron | 2.43E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP2010815 | 8/5/1996 | 15.0 | Lead | 1.03E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP2010815 | 8/5/1996 | 15.0 | Magnesium | 1.48E+04 | J | NS | NS | No Standard | No Standard | |
| CRP2010815 | 8/5/1996 | 15.0 | Manganese | 3.58E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP2010815 | 8/5/1996 | 15.0 | Molybdenum | 2.89E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP2010815 | 8/5/1996 | 15.0 | Nickel | 2.03E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP2010815 | 8/5/1996 | 15.0 | Potassium | 5.15E+03 | J | NS | NS | No Standard | No Standard | |
| CRP2010815 | 8/5/1996 | 15.0 | Sodium | 3.40E+02 | J | NS | NS | No Standard | No Standard | |
| CRP2010815 | 8/5/1996 | 15.0 | Vanadium | 3.40E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP2010815 | 8/5/1996 | 15.0 | Zinc | 5.77E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Aluminum | 1.14E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Arsenic | 2.28E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Barium | 6.64E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Beryllium | 3.62E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Cadmium | 7.62E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Calcium | 3.00E+04 | | NS | NS | No Standard | No Standard | |
| CRP2020104 | 8/5/1996 | 4.0 | Chromium | 9.87E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP2020104 | 8/5/1996 | 4.0 | Cobalt | 3.20E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Copper | 3.13E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Iron | 1.01E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Lead | 5.96E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Magnesium | 3.84E+03 | | NS | NS | No Standard | No Standard | |
| CRP2020104 | 8/5/1996 | 4.0 | Manganese | 5.64E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Molybdenum | 1.79E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Nickel | 7.30E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Potassium | 1.53E+03 | | NS | NS | No Standard | No Standard | |
| CRP2020104 | 8/5/1996 | 4.0 | Sodium | 1.32E+02 | J | NS | NS | No Standard | No Standard | |
| CRP2020104 | 8/5/1996 | 4.0 | Vanadium | 2.18E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP2020104 | 8/5/1996 | 4.0 | Zinc | 1.69E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP2025104 | 8/24/1996 | 4.0 | Total organic carbon | 3.17E+03 | | NS | NS | No Standard | No Standard | |
| CRP3010211 | 8/2/1996 | 11.0 | Aluminum | 5.51E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Arsenic | 1.33E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Barium | 2.82E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Beryllium | 1.56E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Calcium | 3.44E+04 | | NS | NS | No Standard | No Standard | |
| CRP3010211 | 8/2/1996 | 11.0 | Chromium | 2.76E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP3010211 | 8/2/1996 | 11.0 | Cobalt | 8.78E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Copper | 6.93E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Iron | 2.52E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP3010211 | 8/2/1996 | 11.0 | Lead | 1.05E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Magnesium | 1.45E+04 | | NS | NS | No Standard | No Standard | |
| CRP3010211 | 8/2/1996 | 11.0 | Manganese | 4.21E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Molybdenum | 2.38E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Nickel | 1.40E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Potassium | 1.08E+04 | | NS | NS | No Standard | No Standard | |
| CRP3010211 | 8/2/1996 | 11.0 | Sodium | 9.56E+02 | | NS | NS | No Standard | No Standard | |
| CRP3010211 | 8/2/1996 | 11.0 | Thallium | 5.21E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Vanadium | 4.06E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP3010211 | 8/2/1996 | 11.0 | Zinc | 3.82E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP3010302 | 8/2/1996 | 2.0 | Aluminum | 4.55E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP3010302 | 8/2/1996 | 2.0 | Arsenic | 1.52E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP3010302 | 8/2/1996 | 2.0 | Barium | 4.14E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP3010302 | 8/2/1996 | 2.0 | Beryllium | 1.58E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP3010302 | 8/2/1996 | 2.0 | Calcium | 4.95E+04 | | NS | NS | No Standard | No Standard | |
| CRP3010302 | 8/2/1996 | 2.0 | Chromium | 2.65E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP3010302 | 8/2/1996 | 2.0 | Cobalt | 9.36E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP3010302 | 8/2/1996 | 2.0 | Copper | 8.46E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP3010302 | 8/2/1996 | 2.0 | Iron | 2.49E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP3010302 | 8/2/1996 | 2.0 | Lead | 9.98E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP3010302 | 8/2/1996 | 2.0 | Magnesium | 1.35E+04 | | NS | NS | No Standard | No Standard | |
| CRP3010302 | 8/2/1996 | 2.0 | Manganese | 7.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP3010302 | 8/2/1996 | 2.0 | Molybdenum | 1.96E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3010302 | 8/2/1996 | 2.0 | Nickel | 1.74E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP3010302 | 8/2/1996 | 2.0 | Potassium | 7.23E+03 | | NS | NS | No Standard | No Standard | |
| CRP3010302 | 8/2/1996 | 2.0 | Sodium | 7.30E+02 | | NS | NS | No Standard | No Standard | |
| CRP3010302 | 8/2/1996 | 2.0 | Vanadium | 4.25E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP3010302 | 8/2/1996 | 2.0 | Zinc | 5.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Aluminum | 4.76E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Antimony | 3.87E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Arsenic | 1.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Barium | 2.85E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Beryllium | 1.25E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Calcium | 3.56E+04 | | NS | NS | No Standard | No Standard | |
| CRP3010402 | 8/2/1996 | 2.0 | Chromium | 2.46E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP3010402 | 8/2/1996 | 2.0 | Cobalt | 8.60E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Copper | 1.54E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Iron | 2.17E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Lead | 1.20E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Magnesium | 1.35E+04 | | NS | NS | No Standard | No Standard | |
| CRP3010402 | 8/2/1996 | 2.0 | Manganese | 8.77E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Molybdenum | 3.15E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Nickel | 1.49E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Potassium | 8.65E+03 | | NS | NS | No Standard | No Standard | |
| CRP3010402 | 8/2/1996 | 2.0 | Sodium | 3.58E+02 | J | NS | NS | No Standard | No Standard | |
| CRP3010402 | 8/2/1996 | 2.0 | Vanadium | 3.65E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP3010402 | 8/2/1996 | 2.0 | Zinc | 5.04E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Aluminum | 4.91E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Arsenic | 1.08E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Barium | 4.02E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Beryllium | 1.35E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Calcium | 4.21E+04 | | NS | NS | No Standard | No Standard | |
| CRP3020103 | 8/3/1996 | 3.0 | Chromium | 2.44E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP3020103 | 8/3/1996 | 3.0 | Cobalt | 7.56E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Copper | 5.94E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Iron | 2.22E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP3020103 | 8/3/1996 | 3.0 | Lead | 9.63E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Magnesium | 1.40E+04 | | NS | NS | No Standard | No Standard | |
| CRP3020103 | 8/3/1996 | 3.0 | Manganese | 8.92E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Molybdenum | 2.80E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Nickel | 1.30E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Potassium | 8.74E+03 | | NS | NS | No Standard | No Standard | |
| CRP3020103 | 8/3/1996 | 3.0 | Sodium | 7.31E+02 | | NS | NS | No Standard | No Standard | |
| CRP3020103 | 8/3/1996 | 3.0 | Vanadium | 3.56E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP3020103 | 8/3/1996 | 3.0 | Zinc | 3.47E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | 1,3,5-Trinitrobenzene | 3.62E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP3020308 | 8/3/1996 | 8.0 | 2-Amino-4,6-dinitrotoluene | 3.84E-01 | J | NS | NS | No Standard | No Standard | |
| CRP3020308 | 8/3/1996 | 8.0 | Aluminum | 3.97E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Arsenic | 1.01E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Barium | 3.33E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Beryllium | 9.89E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Calcium | 3.91E+04 | | NS | NS | No Standard | No Standard | |
| CRP3020308 | 8/3/1996 | 8.0 | Chromium | 2.01E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP3020308 | 8/3/1996 | 8.0 | Cobalt | 7.11E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Copper | 7.74E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Iron | 1.79E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Lead | 1.27E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Magnesium | 1.21E+04 | | NS | NS | No Standard | No Standard | |
| CRP3020308 | 8/3/1996 | 8.0 | Manganese | 5.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Mercury | 3.20E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Nickel | 1.27E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Potassium | 6.71E+03 | | NS | NS | No Standard | No Standard | |
| CRP3020308 | 8/3/1996 | 8.0 | Sodium | 2.47E+02 | J | NS | NS | No Standard | No Standard | |
| CRP3020308 | 8/3/1996 | 8.0 | Vanadium | 3.23E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP3020308 | 8/3/1996 | 8.0 | Zinc | 5.80E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Aluminum | 4.81E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Arsenic | 8.84E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Barium | 3.83E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Beryllium | 1.26E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Calcium | 4.93E+04 | | NS | NS | No Standard | No Standard | |
| CRP3020502 | 8/3/1996 | 2.0 | Chromium | 2.18E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP3020502 | 8/3/1996 | 2.0 | Cobalt | 7.43E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Copper | 4.63E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Iron | 2.13E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Lead | 8.41E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Magnesium | 1.43E+04 | | NS | NS | No Standard | No Standard | |
| CRP3020502 | 8/3/1996 | 2.0 | Manganese | 7.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Molybdenum | 2.05E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Nickel | 1.29E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Potassium | 8.31E+03 | | NS | NS | No Standard | No Standard | |
| CRP3020502 | 8/3/1996 | 2.0 | Sodium | 4.22E+02 | J | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP3020502 | 8/3/1996 | 2.0 | Vanadium | 3.37E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP3020502 | 8/3/1996 | 2.0 | Zinc | 3.39E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Aluminum | 3.56E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Arsenic | 8.99E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Barium | 4.06E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Beryllium | 6.95E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Calcium | 5.17E+04 | | NS | NS | No Standard | No Standard | |
| CRP3020611 | 8/3/1996 | 11.0 | Chromium | 1.58E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP3020611 | 8/3/1996 | 11.0 | Cobalt | 6.73E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Copper | 4.95E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Iron | 1.51E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Lead | 6.18E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Magnesium | 1.44E+04 | | NS | NS | No Standard | No Standard | |
| CRP3020611 | 8/3/1996 | 11.0 | Manganese | 6.96E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Molybdenum | 1.87E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Nickel | 8.45E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Potassium | 2.99E+03 | | NS | NS | No Standard | No Standard | |
| CRP3020611 | 8/3/1996 | 11.0 | Sodium | 2.88E+02 | J | NS | NS | No Standard | No Standard | |
| CRP3020611 | 8/3/1996 | 11.0 | Vanadium | 2.86E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP3020611 | 8/3/1996 | 11.0 | Zinc | 3.26E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP3025020 | 8/24/1996 | 20.0 | Total organic carbon | 2.51E+03 | | NS | NS | No Standard | No Standard | |
| CRP4010402 | 8/14/1996 | 2.0 | Aluminum | 7.60E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP4010402 | 8/14/1996 | 2.0 | Arsenic | 1.22E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP4010402 | 8/14/1996 | 2.0 | Barium | 9.17E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP4010402 | 8/14/1996 | 2.0 | Beryllium | 3.92E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP4010402 | 8/14/1996 | 2.0 | Calcium | 1.02E+04 | | NS | NS | No Standard | No Standard | |
| CRP4010402 | 8/14/1996 | 2.0 | Chromium | 5.40E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP4010402 | 8/14/1996 | 2.0 | Cobalt | 1.90E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP4010402 | 8/14/1996 | 2.0 | Copper | 2.48E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP4010402 | 8/14/1996 | 2.0 | Iron | 6.51E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP4010402 | 8/14/1996 | 2.0 | Lead | 3.97E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP4010402 | 8/14/1996 | 2.0 | Magnesium | 2.01E+03 | | NS | NS | No Standard | No Standard | |
| CRP4010402 | 8/14/1996 | 2.0 | Manganese | 1.54E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP4010402 | 8/14/1996 | 2.0 | Potassium | 1.88E+03 | | NS | NS | No Standard | No Standard | |
| CRP4010402 | 8/14/1996 | 2.0 | Sodium | 4.57E+01 | J | NS | NS | No Standard | No Standard | |
| CRP4010402 | 8/14/1996 | 2.0 | Vanadium | 1.23E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP4010402 | 8/14/1996 | 2.0 | Zinc | 1.08E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP4010502 | 8/14/1996 | 2.0 | Aluminum | 1.11E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP4010502 | 8/14/1996 | 2.0 | Arsenic | 1.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP4010502 | 8/14/1996 | 2.0 | Barium | 1.28E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP4010502 | 8/14/1996 | 2.0 | Beryllium | 4.27E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP4010502 | 8/14/1996 | 2.0 | Calcium | 1.29E+04 | | NS | NS | No Standard | No Standard | |
| CRP4010502 | 8/14/1996 | 2.0 | Chromium | 7.45E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP4010502 | 8/14/1996 | 2.0 | Cobalt | 2.37E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP4010502 | 8/14/1996 | 2.0 | Copper | 4.26E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP4010502 | 8/14/1996 | 2.0 | Iron | 9.37E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP4010502 | 8/14/1996 | 2.0 | Lead | 5.81E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP4010502 | 8/14/1996 | 2.0 | Magnesium | 3.21E+03 | | NS | NS | No Standard | No Standard | |
| CRP4010502 | 8/14/1996 | 2.0 | Manganese | 1.79E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP4010502 | 8/14/1996 | 2.0 | Potassium | 1.95E+03 | | NS | NS | No Standard | No Standard | |
| CRP4010502 | 8/14/1996 | 2.0 | Sodium | 1.49E+02 | J | NS | NS | No Standard | No Standard | |
| CRP4010502 | 8/14/1996 | 2.0 | Vanadium | 1.83E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP4010502 | 8/14/1996 | 2.0 | Zinc | 1.75E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Aluminum | 1.38E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Arsenic | 1.61E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Barium | 1.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Beryllium | 4.57E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Cadmium | 4.89E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Calcium | 1.97E+04 | | NS | NS | No Standard | No Standard | |
| CRP4020302 | 8/15/1996 | 2.0 | Chromium | 9.46E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP4020302 | 8/15/1996 | 2.0 | Cobalt | 3.33E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Copper | 3.77E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Iron | 1.01E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Lead | 5.53E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Magnesium | 3.71E+03 | | NS | NS | No Standard | No Standard | |
| CRP4020302 | 8/15/1996 | 2.0 | Manganese | 2.38E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Potassium | 2.97E+03 | | NS | NS | No Standard | No Standard | |
| CRP4020302 | 8/15/1996 | 2.0 | Sodium | 7.55E+01 | J | NS | NS | No Standard | No Standard | |
| CRP4020302 | 8/15/1996 | 2.0 | Thallium | 5.19E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Vanadium | 1.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP4020302 | 8/15/1996 | 2.0 | Zinc | 1.69E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Aluminum | 1.07E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Arsenic | 1.72E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Barium | 1.86E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Beryllium | 3.46E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Calcium | 1.37E+04 | | NS | NS | No Standard | No Standard | |
| CRP4020402 | 8/15/1996 | 2.0 | Chromium | 7.30E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP4020402 | 8/15/1996 | 2.0 | Cobalt | 2.98E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Copper | 3.48E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Iron | 9.57E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Lead | 5.53E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Magnesium | 3.15E+03 | | NS | NS | No Standard | No Standard | |
| CRP4020402 | 8/15/1996 | 2.0 | Manganese | 1.80E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Nickel | 2.40E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Potassium | 1.84E+03 | | NS | NS | No Standard | No Standard | |
| CRP4020402 | 8/15/1996 | 2.0 | Sodium | 1.32E+02 | J | NS | NS | No Standard | No Standard | |
| CRP4020402 | 8/15/1996 | 2.0 | Vanadium | 1.70E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP4020402 | 8/15/1996 | 2.0 | Zinc | 1.63E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP4025002 | 8/24/1996 | 2.0 | Total organic carbon | 1.61E+03 | | NS | NS | No Standard | No Standard | |
| CRP5010102 | 8/12/1996 | 2.0 | Aluminum | 1.01E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP5010102 | 8/12/1996 | 2.0 | Arsenic | 1.54E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5010102 | 8/12/1996 | 2.0 | Barium | 9.35E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5010102 | 8/12/1996 | 2.0 | Beryllium | 4.48E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5010102 | 8/12/1996 | 2.0 | Cadmium | 1.42E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP5010102 | 8/12/1996 | 2.0 | Calcium | 1.10E+04 | | NS | NS | No Standard | No Standard | |
| CRP5010102 | 8/12/1996 | 2.0 | Chromium | 6.99E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5010102 | 8/12/1996 | 2.0 | Cobalt | 2.12E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5010102 | 8/12/1996 | 2.0 | Copper | 2.81E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5010102 | 8/12/1996 | 2.0 | Iron | 7.64E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5010102 | 8/12/1996 | 2.0 | Lead | 4.70E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5010102 | 8/12/1996 | 2.0 | Magnesium | 2.66E+03 | | NS | NS | No Standard | No Standard | |
| CRP5010102 | 8/12/1996 | 2.0 | Manganese | 1.90E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5010102 | 8/12/1996 | 2.0 | Nickel | 4.79E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5010102 | 8/12/1996 | 2.0 | Potassium | 2.63E+03 | | NS | NS | No Standard | No Standard | |
| CRP5010102 | 8/12/1996 | 2.0 | Sodium | 4.41E+01 | J | NS | NS | No Standard | No Standard | |
| CRP5010102 | 8/12/1996 | 2.0 | Vanadium | 1.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5010102 | 8/12/1996 | 2.0 | Zinc | 1.37E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5020904 | 8/14/1996 | 4.0 | Aluminum | 6.54E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5020904 | 8/14/1996 | 4.0 | Arsenic | 1.37E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5020904 | 8/14/1996 | 4.0 | Barium | 1.20E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5020904 | 8/14/1996 | 4.0 | Beryllium | 3.48E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5020904 | 8/14/1996 | 4.0 | Calcium | 6.94E+03 | | NS | NS | No Standard | No Standard | |
| CRP5020904 | 8/14/1996 | 4.0 | Chromium | 4.75E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5020904 | 8/14/1996 | 4.0 | Cobalt | 1.71E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5020904 | 8/14/1996 | 4.0 | Copper | 2.34E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5020904 | 8/14/1996 | 4.0 | Iron | 6.64E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5020904 | 8/14/1996 | 4.0 | Lead | 3.85E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5020904 | 8/14/1996 | 4.0 | Magnesium | 1.81E+03 | | NS | NS | No Standard | No Standard | |
| CRP5020904 | 8/14/1996 | 4.0 | Manganese | 1.45E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5020904 | 8/14/1996 | 4.0 | Potassium | 1.72E+03 | | NS | NS | No Standard | No Standard | |
| CRP5020904 | 8/14/1996 | 4.0 | Sodium | 3.64E+01 | J | NS | NS | No Standard | No Standard | |
| CRP5020904 | 8/14/1996 | 4.0 | Vanadium | 1.32E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5020904 | 8/14/1996 | 4.0 | Zinc | 1.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5021002 | 8/14/1996 | 2.0 | Aluminum | 1.05E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5021002 | 8/14/1996 | 2.0 | Arsenic | 1.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5021002 | 8/14/1996 | 2.0 | Barium | 1.24E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5021002 | 8/14/1996 | 2.0 | Beryllium | 4.25E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5021002 | 8/14/1996 | 2.0 | Calcium | 1.00E+04 | | NS | NS | No Standard | No Standard | |
| CRP5021002 | 8/14/1996 | 2.0 | Chromium | 7.26E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5021002 | 8/14/1996 | 2.0 | Cobalt | 2.25E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5021002 | 8/14/1996 | 2.0 | Copper | 3.14E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5021002 | 8/14/1996 | 2.0 | Iron | 8.48E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5021002 | 8/14/1996 | 2.0 | Lead | 4.80E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5021002 | 8/14/1996 | 2.0 | Magnesium | 2.81E+03 | | NS | NS | No Standard | No Standard | |
| CRP5021002 | 8/14/1996 | 2.0 | Manganese | 1.84E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP5021002 | 8/14/1996 | 2.0 | Molybdenum | 1.74E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP5021002 | 8/14/1996 | 2.0 | Potassium | 2.71E+03 | | NS | NS | No Standard | No Standard | |
| CRP5021002 | 8/14/1996 | 2.0 | Sodium | 5.54E+01 | J | NS | NS | No Standard | No Standard | |
| CRP5021002 | 8/14/1996 | 2.0 | Vanadium | 1.56E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5021002 | 8/14/1996 | 2.0 | Zinc | 1.41E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5030506 | 8/13/1996 | 6.0 | Total organic carbon | 5.44E+03 | | NS | NS | No Standard | No Standard | |
| CRP5030516 | 9/4/1996 | 16.0 | Total organic carbon | 1.48E+03 | | NS | NS | No Standard | No Standard | |
| CRP5030902 | 8/13/1996 | 2.0 | Aluminum | 1.57E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Arsenic | 2.52E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Barium | 5.09E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Beryllium | 4.18E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Cadmium | 1.15E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Calcium | 2.78E+04 | | NS | NS | No Standard | No Standard | |
| CRP5030902 | 8/13/1996 | 2.0 | Chromium | 8.76E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5030902 | 8/13/1996 | 2.0 | Cobalt | 3.84E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Copper | 4.84E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Iron | 1.41E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Lead | 7.14E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Magnesium | 4.87E+03 | | NS | NS | No Standard | No Standard | |
| CRP5030902 | 8/13/1996 | 2.0 | Manganese | 3.84E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Nickel | 6.90E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Potassium | 2.69E+03 | | NS | NS | No Standard | No Standard | |
| CRP5030902 | 8/13/1996 | 2.0 | Sodium | 3.12E+02 | J | NS | NS | No Standard | No Standard | |
| CRP5030902 | 8/13/1996 | 2.0 | Vanadium | 2.76E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5030902 | 8/13/1996 | 2.0 | Zinc | 1.69E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Aluminum | 7.79E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Arsenic | 9.40E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Barium | 7.95E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Beryllium | 3.20E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Calcium | 9.27E+03 | | NS | NS | No Standard | No Standard | |
| CRP5050219 | 9/3/1996 | 19.0 | Chromium | 5.73E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5050219 | 9/3/1996 | 19.0 | Cobalt | 2.13E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Copper | 2.20E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Iron | 6.36E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Lead | 3.99E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Magnesium | 1.94E+03 | | NS | NS | No Standard | No Standard | |
| CRP5050219 | 9/3/1996 | 19.0 | Manganese | 1.26E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Nickel | 2.77E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Potassium | 1.45E+03 | | NS | NS | No Standard | No Standard | |
| CRP5050219 | 9/3/1996 | 19.0 | Sodium | 9.70E+01 | J | NS | NS | No Standard | No Standard | |
| CRP5050219 | 9/3/1996 | 19.0 | Vanadium | 1.50E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5050219 | 9/3/1996 | 19.0 | Zinc | 1.23E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | 4-Nitrotoluene | 1.01E+00 | J | 1.46E+02 | 3.77E+01 | 1.46E+02 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Aluminum | 2.67E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Aluminum | 2.79E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP5060102 | 9/5/1996 | 2.0 | Arsenic | 2.15E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Arsenic | 2.41E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Barium | 2.15E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Barium | 3.17E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Beryllium | 7.46E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Beryllium | 7.79E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Cadmium | 8.20E-01 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Cadmium | 7.20E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Calcium | 2.54E+04 | D | NS | NS | No Standard | No Standard | |
| CRP5060102 | 9/5/1996 | 2.0 | Calcium | 2.41E+04 | | NS | NS | No Standard | No Standard | |
| CRP5060102 | 9/5/1996 | 2.0 | Chromium | 2.13E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5060102 | 9/5/1996 | 2.0 | Chromium | 2.21E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5060102 | 9/5/1996 | 2.0 | Cobalt | 5.37E+00 | DJ | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Cobalt | 5.73E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Copper | 1.05E+02 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Copper | 1.10E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Iron | 1.56E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Iron | 1.68E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Lead | 1.32E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Lead | 1.29E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Magnesium | 7.05E+03 | D | NS | NS | No Standard | No Standard | |
| CRP5060102 | 9/5/1996 | 2.0 | Magnesium | 7.14E+03 | | NS | NS | No Standard | No Standard | |
| CRP5060102 | 9/5/1996 | 2.0 | Manganese | 3.94E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Manganese | 4.05E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Molybdenum | 3.56E+00 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Molybdenum | 3.35E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Nickel | 1.32E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Nickel | 1.22E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Potassium | 6.10E+03 | D | NS | NS | No Standard | No Standard | |
| CRP5060102 | 9/5/1996 | 2.0 | Potassium | 6.42E+03 | | NS | NS | No Standard | No Standard | |
| CRP5060102 | 9/5/1996 | 2.0 | Sodium | 1.07E+03 | D | NS | NS | No Standard | No Standard | |
| CRP5060102 | 9/5/1996 | 2.0 | Sodium | 1.13E+03 | | NS | NS | No Standard | No Standard | |
| CRP5060102 | 9/5/1996 | 2.0 | Thallium | 8.84E-01 | DJ | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Thallium | 1.44E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Vanadium | 3.27E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Vanadium | 3.54E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Zinc | 3.38E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5060102 | 9/5/1996 | 2.0 | Zinc | 3.38E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Aluminum | 2.65E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Arsenic | 1.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Barium | 3.36E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Beryllium | 6.76E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Calcium | 2.55E+04 | | NS | NS | No Standard | No Standard | |
| CRP5060217 | 9/5/1996 | 17.0 | Chromium | 1.68E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5060217 | 9/5/1996 | 17.0 | Cobalt | 6.68E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP5060217 | 9/5/1996 | 17.0 | Copper | 3.76E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Iron | 1.55E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Lead | 7.09E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Magnesium | 7.49E+03 | | NS | NS | No Standard | No Standard | |
| CRP5060217 | 9/5/1996 | 17.0 | Manganese | 3.41E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Nickel | 1.21E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Potassium | 5.00E+03 | | NS | NS | No Standard | No Standard | |
| CRP5060217 | 9/5/1996 | 17.0 | Sodium | 4.51E+02 | J | NS | NS | No Standard | No Standard | |
| CRP5060217 | 9/5/1996 | 17.0 | Thallium | 1.07E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Vanadium | 2.88E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5060217 | 9/5/1996 | 17.0 | Zinc | 2.37E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Aluminum | 1.28E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Antimony | 7.92E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Arsenic | 1.88E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Barium | 1.12E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Beryllium | 5.10E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Calcium | 1.48E+04 | | NS | NS | No Standard | No Standard | |
| CRP5070220 | 8/29/1996 | 20.0 | Chromium | 8.66E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5070220 | 8/29/1996 | 20.0 | Cobalt | 2.78E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Copper | 3.27E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Iron | 9.58E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Lead | 5.35E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Magnesium | 3.70E+03 | | NS | NS | No Standard | No Standard | |
| CRP5070220 | 8/29/1996 | 20.0 | Manganese | 1.58E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Nickel | 5.11E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Potassium | 2.43E+03 | | NS | NS | No Standard | No Standard | |
| CRP5070220 | 8/29/1996 | 20.0 | Sodium | 1.53E+02 | J | NS | NS | No Standard | No Standard | |
| CRP5070220 | 8/29/1996 | 20.0 | Vanadium | 1.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5070220 | 8/29/1996 | 20.0 | Zinc | 1.63E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Aluminum | 2.04E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Arsenic | 1.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Barium | 1.59E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Beryllium | 7.78E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Calcium | 1.84E+04 | | NS | NS | No Standard | No Standard | |
| CRP5090316 | 9/3/1996 | 16.0 | Chromium | 1.43E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5090316 | 9/3/1996 | 16.0 | Cobalt | 4.61E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Copper | 4.76E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Iron | 1.39E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Lead | 8.35E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Magnesium | 4.96E+03 | | NS | NS | No Standard | No Standard | |
| CRP5090316 | 9/3/1996 | 16.0 | Manganese | 2.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Molybdenum | 3.83E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Nickel | 8.03E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Potassium | 3.26E+03 | | NS | NS | No Standard | No Standard | |
| CRP5090316 | 9/3/1996 | 16.0 | Sodium | 2.28E+02 | J | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP5090316 | 9/3/1996 | 16.0 | Thallium | 8.92E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Vanadium | 2.86E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5090316 | 9/3/1996 | 16.0 | Zinc | 2.46E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Aluminum | 1.20E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Arsenic | 1.45E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Barium | 1.14E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Beryllium | 4.28E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Calcium | 1.29E+04 | | NS | NS | No Standard | No Standard | |
| CRP5100215 | 9/3/1996 | 15.0 | Chromium | 8.31E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5100215 | 9/3/1996 | 15.0 | Cobalt | 2.78E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Copper | 4.16E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Iron | 8.74E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Lead | 4.78E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Magnesium | 2.90E+03 | | NS | NS | No Standard | No Standard | |
| CRP5100215 | 9/3/1996 | 15.0 | Manganese | 1.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Nickel | 4.44E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Potassium | 2.20E+03 | | NS | NS | No Standard | No Standard | |
| CRP5100215 | 9/3/1996 | 15.0 | Sodium | 1.11E+02 | J | NS | NS | No Standard | No Standard | |
| CRP5100215 | 9/3/1996 | 15.0 | Vanadium | 1.97E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5100215 | 9/3/1996 | 15.0 | Zinc | 1.62E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Aluminum | 8.65E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Arsenic | 1.09E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Barium | 1.19E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Beryllium | 3.52E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Calcium | 1.23E+04 | | NS | NS | No Standard | No Standard | |
| CRP5100302 | 9/3/1996 | 2.0 | Chromium | 6.62E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5100302 | 9/3/1996 | 2.0 | Cobalt | 2.26E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Copper | 1.95E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Iron | 6.95E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Lead | 4.12E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Magnesium | 2.28E+03 | | NS | NS | No Standard | No Standard | |
| CRP5100302 | 9/3/1996 | 2.0 | Manganese | 1.66E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Nickel | 3.36E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Potassium | 1.50E+03 | | NS | NS | No Standard | No Standard | |
| CRP5100302 | 9/3/1996 | 2.0 | Sodium | 5.00E+01 | J | NS | NS | No Standard | No Standard | |
| CRP5100302 | 9/3/1996 | 2.0 | Vanadium | 1.51E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5100302 | 9/3/1996 | 2.0 | Zinc | 1.28E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5110215 | 9/3/1996 | 15.0 | Aluminum | 6.50E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5110215 | 9/3/1996 | 15.0 | Arsenic | 1.30E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5110215 | 9/3/1996 | 15.0 | Barium | 7.61E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5110215 | 9/3/1996 | 15.0 | Beryllium | 2.73E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5110215 | 9/3/1996 | 15.0 | Calcium | 1.04E+04 | | NS | NS | No Standard | No Standard | |
| CRP5110215 | 9/3/1996 | 15.0 | Chromium | 4.87E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5110215 | 9/3/1996 | 15.0 | Cobalt | 2.00E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5110215 | 9/3/1996 | 15.0 | Copper | 2.10E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP5110215 | 9/3/1996 | 15.0 | Iron | 6.59E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5110215 | 9/3/1996 | 15.0 | Lead | 4.28E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5110215 | 9/3/1996 | 15.0 | Magnesium | 1.86E+03 | | NS | NS | No Standard | No Standard | |
| CRP5110215 | 9/3/1996 | 15.0 | Manganese | 1.23E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5110215 | 9/3/1996 | 15.0 | Nickel | 2.84E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5110215 | 9/3/1996 | 15.0 | Potassium | 9.65E+02 | | NS | NS | No Standard | No Standard | |
| CRP5110215 | 9/3/1996 | 15.0 | Sodium | 7.24E+01 | J | NS | NS | No Standard | No Standard | |
| CRP5110215 | 9/3/1996 | 15.0 | Vanadium | 1.33E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5110215 | 9/3/1996 | 15.0 | Zinc | 1.25E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Aluminum | 3.00E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Antimony | 7.48E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Arsenic | 2.63E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Barium | 1.86E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Beryllium | 9.81E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Calcium | 2.09E+04 | | NS | NS | No Standard | No Standard | |
| CRP5120115 | 9/3/1996 | 15.0 | Chromium | 1.93E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5120115 | 9/3/1996 | 15.0 | Cobalt | 6.13E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Copper | 6.79E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Iron | 1.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Lead | 9.29E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Magnesium | 6.41E+03 | | NS | NS | No Standard | No Standard | |
| CRP5120115 | 9/3/1996 | 15.0 | Manganese | 3.45E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Nickel | 8.88E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Potassium | 6.13E+03 | | NS | NS | No Standard | No Standard | |
| CRP5120115 | 9/3/1996 | 15.0 | Sodium | 1.79E+02 | J | NS | NS | No Standard | No Standard | |
| CRP5120115 | 9/3/1996 | 15.0 | Vanadium | 4.11E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5120115 | 9/3/1996 | 15.0 | Zinc | 3.21E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | 2,6-Dinitrotoluene | 9.42E-01 | J | NS | 6.11E+01 | 6.11E+01 | Proposed | |
| CRP5120206 | 9/5/1996 | 6.0 | Aluminum | 2.20E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Arsenic | 1.76E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Barium | 1.89E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Beryllium | 6.37E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Calcium | 1.54E+04 | | NS | NS | No Standard | No Standard | |
| CRP5120206 | 9/5/1996 | 6.0 | Chromium | 1.43E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5120206 | 9/5/1996 | 6.0 | Cobalt | 3.98E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Copper | 3.78E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Iron | 1.28E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Lead | 6.29E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Magnesium | 4.79E+03 | | NS | NS | No Standard | No Standard | |
| CRP5120206 | 9/5/1996 | 6.0 | Manganese | 1.65E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Molybdenum | 1.57E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Nickel | 7.31E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Potassium | 4.54E+03 | | NS | NS | No Standard | No Standard | |
| CRP5120206 | 9/5/1996 | 6.0 | RDX | 7.34E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Sodium | 3.25E+02 | J | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP5120206 | 9/5/1996 | 6.0 | Tetryl | 5.20E-01 | J | NS | 2.44E+02 | 2.44E+02 | Proposed | |
| CRP5120206 | 9/5/1996 | 6.0 | Thallium | 7.19E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Vanadium | 3.08E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5120206 | 9/5/1996 | 6.0 | Zinc | 2.06E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Aluminum | 9.17E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Arsenic | 1.21E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Barium | 6.44E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Beryllium | 3.59E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Calcium | 8.73E+03 | | NS | NS | No Standard | No Standard | |
| CRP5120402 | 9/4/1996 | 2.0 | Chromium | 6.42E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5120402 | 9/4/1996 | 2.0 | Cobalt | 1.90E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Copper | 2.44E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Iron | 7.39E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Lead | 3.90E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Magnesium | 2.37E+03 | | NS | NS | No Standard | No Standard | |
| CRP5120402 | 9/4/1996 | 2.0 | Manganese | 1.50E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Nickel | 2.17E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Potassium | 2.28E+03 | | NS | NS | No Standard | No Standard | |
| CRP5120402 | 9/4/1996 | 2.0 | Sodium | 5.17E+01 | J | NS | NS | No Standard | No Standard | |
| CRP5120402 | 9/4/1996 | 2.0 | Vanadium | 1.63E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5120402 | 9/4/1996 | 2.0 | Zinc | 1.24E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Aluminum | 1.78E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Antimony | 5.04E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Arsenic | 1.97E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Barium | 1.51E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Beryllium | 6.38E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Calcium | 1.23E+04 | | NS | NS | No Standard | No Standard | |
| CRP5120602 | 9/4/1996 | 2.0 | Chromium | 1.14E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP5120602 | 9/4/1996 | 2.0 | Cobalt | 4.67E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Copper | 4.36E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | HMX | 5.66E-01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Iron | 1.37E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Lead | 7.30E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Magnesium | 5.35E+03 | | NS | NS | No Standard | No Standard | |
| CRP5120602 | 9/4/1996 | 2.0 | Manganese | 2.94E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Nickel | 6.41E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Potassium | 3.70E+03 | | NS | NS | No Standard | No Standard | |
| CRP5120602 | 9/4/1996 | 2.0 | Sodium | 8.47E+01 | J | NS | NS | No Standard | No Standard | |
| CRP5120602 | 9/4/1996 | 2.0 | Vanadium | 2.76E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP5120602 | 9/4/1996 | 2.0 | Zinc | 2.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP5130105 | 9/5/1996 | 5.0 | Total organic carbon | 1.21E+03 | | NS | NS | No Standard | No Standard | |
| CRP5130211 | 9/5/1996 | 11.0 | Total organic carbon | 3.24E+03 | | NS | NS | No Standard | No Standard | |
| CRP6010104 | 8/9/1996 | 4.0 | Aluminum | 2.03E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP6010104 | 8/9/1996 | 4.0 | Arsenic | 1.89E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP6010104 | 8/9/1996 | 4.0 | Barium | 1.21E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP6010104 | 8/9/1996 | 4.0 | Beryllium | 5.41E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP6010104 | 8/9/1996 | 4.0 | Cadmium | 6.96E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP6010104 | 8/9/1996 | 4.0 | Calcium | 1.92E+04 | | NS | NS | No Standard | No Standard | |
| CRP6010104 | 8/9/1996 | 4.0 | Chromium | 1.30E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP6010104 | 8/9/1996 | 4.0 | Cobalt | 4.78E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP6010104 | 8/9/1996 | 4.0 | Copper | 4.11E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP6010104 | 8/9/1996 | 4.0 | Iron | 1.23E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP6010104 | 8/9/1996 | 4.0 | Lead | 6.11E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP6010104 | 8/9/1996 | 4.0 | Magnesium | 4.41E+03 | | NS | NS | No Standard | No Standard | |
| CRP6010104 | 8/9/1996 | 4.0 | Manganese | 4.00E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP6010104 | 8/9/1996 | 4.0 | Nickel | 8.14E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP6010104 | 8/9/1996 | 4.0 | Potassium | 4.29E+03 | | NS | NS | No Standard | No Standard | |
| CRP6010104 | 8/9/1996 | 4.0 | Sodium | 1.99E+02 | J | NS | NS | No Standard | No Standard | |
| CRP6010104 | 8/9/1996 | 4.0 | Vanadium | 2.80E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP6010104 | 8/9/1996 | 4.0 | Zinc | 2.16E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Aluminum | 1.22E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Arsenic | 1.94E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Barium | 1.20E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Beryllium | 4.72E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Cadmium | 9.80E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Calcium | 1.32E+04 | | NS | NS | No Standard | No Standard | |
| CRP6020101 | 8/9/1996 | 1.0 | Chromium | 8.39E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP6020101 | 8/9/1996 | 1.0 | Cobalt | 4.49E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Copper | 9.30E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Iron | 1.04E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Lead | 6.86E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Magnesium | 3.34E+03 | | NS | NS | No Standard | No Standard | |
| CRP6020101 | 8/9/1996 | 1.0 | Manganese | 2.30E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Mercury | 4.53E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Nickel | 6.32E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Potassium | 2.25E+03 | | NS | NS | No Standard | No Standard | |
| CRP6020101 | 8/9/1996 | 1.0 | Sodium | 2.74E+02 | J | NS | NS | No Standard | No Standard | |
| CRP6020101 | 8/9/1996 | 1.0 | Vanadium | 2.03E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP6020101 | 8/9/1996 | 1.0 | Zinc | 3.28E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Aluminum | 1.69E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Arsenic | 2.69E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Barium | 1.71E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Beryllium | 6.99E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Cadmium | 7.23E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Calcium | 1.95E+04 | | NS | NS | No Standard | No Standard | |
| CRP6020202 | 8/9/1996 | 2.0 | Chromium | 1.28E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP6020202 | 8/9/1996 | 2.0 | Cobalt | 4.79E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Copper | 6.49E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Iron | 1.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Lead | 8.45E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP6020202 | 8/9/1996 | 2.0 | Magnesium | 4.50E+03 | | NS | NS | No Standard | No Standard | |
| CRP6020202 | 8/9/1996 | 2.0 | Manganese | 3.42E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Nickel | 1.17E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Potassium | 3.27E+03 | | NS | NS | No Standard | No Standard | |
| CRP6020202 | 8/9/1996 | 2.0 | Vanadium | 2.66E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP6020202 | 8/9/1996 | 2.0 | Zinc | 2.60E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Aluminum | 1.97E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Antimony | 4.94E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Arsenic | 1.50E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Barium | 1.51E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Beryllium | 5.04E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Cadmium | 5.74E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Calcium | 1.72E+04 | | NS | NS | No Standard | No Standard | |
| CRP6030404 | 9/16/1996 | 4.0 | Chromium | 2.25E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP6030404 | 9/16/1996 | 4.0 | Cobalt | 3.93E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Copper | 1.94E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Iron | 1.23E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Lead | 1.03E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Magnesium | 5.38E+03 | | NS | NS | No Standard | No Standard | |
| CRP6030404 | 9/16/1996 | 4.0 | Manganese | 3.12E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Nickel | 1.44E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Potassium | 3.64E+03 | | NS | NS | No Standard | No Standard | |
| CRP6030404 | 9/16/1996 | 4.0 | Sodium | 4.55E+02 | J | NS | NS | No Standard | No Standard | |
| CRP6030404 | 9/16/1996 | 4.0 | Vanadium | 2.10E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP6030404 | 9/16/1996 | 4.0 | Zinc | 2.58E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Aluminum | 9.94E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Arsenic | 1.28E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Barium | 9.19E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Beryllium | 3.29E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Calcium | 9.07E+03 | | NS | NS | No Standard | No Standard | |
| CRP6035005 | 9/16/1996 | 5.0 | Chromium | 6.97E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP6035005 | 9/16/1996 | 5.0 | Cobalt | 2.71E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Copper | 3.22E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Iron | 7.51E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Lead | 4.01E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Magnesium | 2.38E+03 | | NS | NS | No Standard | No Standard | |
| CRP6035005 | 9/16/1996 | 5.0 | Manganese | 1.50E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Molybdenum | 1.10E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Nickel | 4.25E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Potassium | 2.36E+03 | | NS | NS | No Standard | No Standard | |
| CRP6035005 | 9/16/1996 | 5.0 | Sodium | 6.51E+01 | J | NS | NS | No Standard | No Standard | |
| CRP6035005 | 9/16/1996 | 5.0 | Vanadium | 1.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP6035005 | 9/16/1996 | 5.0 | Zinc | 1.26E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Aluminum | 4.82E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Antimony | 6.77E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP7010612 | 9/12/1996 | 12.0 | Arsenic | 4.70E+02 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP7010612 | 9/12/1996 | 12.0 | Barium | 3.83E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Beryllium | 1.19E+01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Cadmium | 1.07E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Calcium | 2.31E+04 | | NS | NS | No Standard | No Standard | |
| CRP7010612 | 9/12/1996 | 12.0 | Chromium | 5.14E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7010612 | 9/12/1996 | 12.0 | Cobalt | 1.17E+02 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Copper | 5.09E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Iron | 2.58E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP7010612 | 9/12/1996 | 12.0 | Lead | 2.40E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Magnesium | 1.44E+04 | | NS | NS | No Standard | No Standard | |
| CRP7010612 | 9/12/1996 | 12.0 | Manganese | 3.56E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Molybdenum | 1.99E+02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Nickel | 1.03E+02 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Potassium | 1.50E+04 | | NS | NS | No Standard | No Standard | |
| CRP7010612 | 9/12/1996 | 12.0 | Selenium | 4.70E+02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | YES |
| CRP7010612 | 9/12/1996 | 12.0 | Silver | 1.14E+01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7010612 | 9/12/1996 | 12.0 | Sodium | 1.76E+03 | | NS | NS | No Standard | No Standard | |
| CRP7010612 | 9/12/1996 | 12.0 | Thallium | 4.80E+02 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | YES |
| CRP7010612 | 9/12/1996 | 12.0 | Vanadium | 1.38E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CRP7010612 | 9/12/1996 | 12.0 | Zinc | 7.98E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Aluminum | 4.92E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Arsenic | 1.52E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Barium | 8.42E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Beryllium | 1.29E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Cadmium | 1.73E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Calcium | 3.78E+04 | | NS | NS | No Standard | No Standard | |
| CRP7020416 | 9/14/1996 | 16.0 | Chromium | 3.36E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7020416 | 9/14/1996 | 16.0 | Cobalt | 1.23E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Copper | 5.73E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Iron | 2.05E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Lead | 7.15E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Magnesium | 1.53E+04 | | NS | NS | No Standard | No Standard | |
| CRP7020416 | 9/14/1996 | 16.0 | Manganese | 5.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Nickel | 2.45E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Potassium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| CRP7020416 | 9/14/1996 | 16.0 | Sodium | 1.40E+03 | | NS | NS | No Standard | No Standard | |
| CRP7020416 | 9/14/1996 | 16.0 | Thallium | 1.66E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP7020416 | 9/14/1996 | 16.0 | Vanadium | 8.99E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CRP7020416 | 9/14/1996 | 16.0 | Zinc | 5.07E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Aluminum | 1.39E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Antimony | 4.74E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Arsenic | 1.76E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Barium | 1.34E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Beryllium | 3.85E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP7020502 | 9/14/1996 | 2.0 | Cadmium | 5.61E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Calcium | 1.38E+04 | | NS | NS | No Standard | No Standard | |
| CRP7020502 | 9/14/1996 | 2.0 | Chromium | 9.07E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7020502 | 9/14/1996 | 2.0 | Cobalt | 3.13E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Copper | 3.51E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Iron | 9.88E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Lead | 5.36E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Magnesium | 3.81E+03 | | NS | NS | No Standard | No Standard | |
| CRP7020502 | 9/14/1996 | 2.0 | Manganese | 2.00E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Nickel | 6.17E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Potassium | 2.92E+03 | | NS | NS | No Standard | No Standard | |
| CRP7020502 | 9/14/1996 | 2.0 | Sodium | 4.12E+02 | J | NS | NS | No Standard | No Standard | |
| CRP7020502 | 9/14/1996 | 2.0 | Vanadium | 2.05E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7020502 | 9/14/1996 | 2.0 | Zinc | 1.72E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Aluminum | 1.06E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Antimony | 3.32E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Arsenic | 2.21E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Barium | 4.87E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Beryllium | 3.47E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Cadmium | 8.17E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Calcium | 2.57E+04 | | NS | NS | No Standard | No Standard | |
| CRP7030402 | 9/14/1996 | 2.0 | Chromium | 7.18E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7030402 | 9/14/1996 | 2.0 | Cobalt | 3.28E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Copper | 2.27E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Iron | 1.11E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Lead | 5.44E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Magnesium | 2.61E+03 | | NS | NS | No Standard | No Standard | |
| CRP7030402 | 9/14/1996 | 2.0 | Manganese | 3.29E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Molybdenum | 3.20E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Nickel | 4.91E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Potassium | 2.17E+03 | | NS | NS | No Standard | No Standard | |
| CRP7030402 | 9/14/1996 | 2.0 | Selenium | 4.60E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Sodium | 5.40E+01 | J | NS | NS | No Standard | No Standard | |
| CRP7030402 | 9/14/1996 | 2.0 | Vanadium | 2.22E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7030402 | 9/14/1996 | 2.0 | Zinc | 1.19E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Aluminum | 1.33E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Arsenic | 2.55E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Barium | 1.31E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Beryllium | 3.95E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Cadmium | 9.67E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Calcium | 1.05E+04 | | NS | NS | No Standard | No Standard | |
| CRP7030702 | 9/14/1996 | 2.0 | Chromium | 9.89E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7030702 | 9/14/1996 | 2.0 | Cobalt | 2.53E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Copper | 3.69E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Iron | 1.10E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP7030702 | 9/14/1996 | 2.0 | Lead | 1.29E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Magnesium | 2.97E+03 | | NS | NS | No Standard | No Standard | |
| CRP7030702 | 9/14/1996 | 2.0 | Manganese | 2.20E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Mercury | 3.28E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Molybdenum | 3.90E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Nickel | 5.95E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Potassium | 3.06E+03 | | NS | NS | No Standard | No Standard | |
| CRP7030702 | 9/14/1996 | 2.0 | Sodium | 5.72E+01 | J | NS | NS | No Standard | No Standard | |
| CRP7030702 | 9/14/1996 | 2.0 | Vanadium | 2.20E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7030702 | 9/14/1996 | 2.0 | Zinc | 1.33E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Aluminum | 7.86E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Arsenic | 1.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Barium | 1.05E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Beryllium | 2.31E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Calcium | 8.78E+03 | | NS | NS | No Standard | No Standard | |
| CRP7030902 | 9/14/1996 | 2.0 | Chromium | 5.55E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7030902 | 9/14/1996 | 2.0 | Cobalt | 2.44E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Copper | 2.40E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Iron | 6.67E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Lead | 3.81E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Magnesium | 1.97E+03 | | NS | NS | No Standard | No Standard | |
| CRP7030902 | 9/14/1996 | 2.0 | Manganese | 1.41E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Molybdenum | 2.23E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Nickel | 3.28E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Potassium | 1.63E+03 | | NS | NS | No Standard | No Standard | |
| CRP7030902 | 9/14/1996 | 2.0 | Sodium | 3.64E+01 | J | NS | NS | No Standard | No Standard | |
| CRP7030902 | 9/14/1996 | 2.0 | Vanadium | 1.37E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7030902 | 9/14/1996 | 2.0 | Zinc | 1.11E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | 1,3,5-Trinitrobenzene | 1.95E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP7040302 | 9/16/1996 | 2.0 | 3-Nitrotoluene | 4.80E-01 | J | 5.69E+02 | 1.56E+03 | 5.69E+02 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Aluminum | 1.43E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Arsenic | 1.54E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Barium | 1.09E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Beryllium | 4.56E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Cadmium | 1.09E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Calcium | 6.91E+03 | | NS | NS | No Standard | No Standard | |
| CRP7040302 | 9/16/1996 | 2.0 | Chromium | 9.61E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7040302 | 9/16/1996 | 2.0 | Cobalt | 2.86E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Copper | 9.15E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | HMX | 1.51E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Iron | 9.95E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Lead | 6.01E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Magnesium | 3.10E+03 | | NS | NS | No Standard | No Standard | |
| CRP7040302 | 9/16/1996 | 2.0 | Manganese | 2.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Mercury | 5.02E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP7040302 | 9/16/1996 | 2.0 | Molybdenum | 1.49E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Nickel | 5.45E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Potassium | 3.44E+03 | | NS | NS | No Standard | No Standard | |
| CRP7040302 | 9/16/1996 | 2.0 | RDX | 1.04E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Sodium | 6.64E+01 | J | NS | NS | No Standard | No Standard | |
| CRP7040302 | 9/16/1996 | 2.0 | Vanadium | 2.19E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7040302 | 9/16/1996 | 2.0 | Zinc | 2.51E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Aluminum | 1.61E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Arsenic | 1.63E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Barium | 1.53E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Beryllium | 4.62E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Cadmium | 5.64E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Calcium | 1.49E+04 | | NS | NS | No Standard | No Standard | |
| CRP7041002 | 9/16/1996 | 2.0 | Chromium | 1.71E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7041002 | 9/16/1996 | 2.0 | Cobalt | 3.42E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Copper | 1.37E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Iron | 1.03E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Lead | 7.91E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Magnesium | 4.48E+03 | | NS | NS | No Standard | No Standard | |
| CRP7041002 | 9/16/1996 | 2.0 | Manganese | 2.06E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Mercury | 5.05E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Molybdenum | 4.00E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Nickel | 1.07E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Potassium | 3.52E+03 | | NS | NS | No Standard | No Standard | |
| CRP7041002 | 9/16/1996 | 2.0 | Sodium | 4.44E+02 | J | NS | NS | No Standard | No Standard | |
| CRP7041002 | 9/16/1996 | 2.0 | Vanadium | 1.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7041002 | 9/16/1996 | 2.0 | Zinc | 2.91E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | 1,3,5-Trinitrobenzene | 1.68E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| CRP7041219 | 9/16/1996 | 19.0 | 2,4,6-Trinitrotoluene | 1.85E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Aluminum | 1.96E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Arsenic | 4.84E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP7041219 | 9/16/1996 | 19.0 | Barium | 2.95E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Beryllium | 6.26E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Cadmium | 1.04E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Calcium | 2.99E+04 | | NS | NS | No Standard | No Standard | |
| CRP7041219 | 9/16/1996 | 19.0 | Chromium | 1.31E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7041219 | 9/16/1996 | 19.0 | Cobalt | 4.62E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Copper | 5.48E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | HMX | 1.90E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Iron | 2.15E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Lead | 1.07E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Magnesium | 5.83E+03 | | NS | NS | No Standard | No Standard | |
| CRP7041219 | 9/16/1996 | 19.0 | Manganese | 4.00E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Mercury | 7.68E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Molybdenum | 4.31E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP7041219 | 9/16/1996 | 19.0 | Nickel | 9.03E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Potassium | 3.78E+03 | | NS | NS | No Standard | No Standard | |
| CRP7041219 | 9/16/1996 | 19.0 | RDX | 1.59E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Sodium | 3.97E+02 | J | NS | NS | No Standard | No Standard | |
| CRP7041219 | 9/16/1996 | 19.0 | Vanadium | 3.62E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7041219 | 9/16/1996 | 19.0 | Zinc | 3.96E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Aluminum | 8.39E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Arsenic | 1.35E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Barium | 2.42E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Beryllium | 3.02E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Calcium | 1.19E+04 | | NS | NS | No Standard | No Standard | |
| CRP7050102 | 9/16/1996 | 2.0 | Chromium | 5.93E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7050102 | 9/16/1996 | 2.0 | Cobalt | 2.28E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Copper | 2.17E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | HMX | 6.06E-01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Iron | 7.42E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Lead | 3.74E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Magnesium | 2.52E+03 | | NS | NS | No Standard | No Standard | |
| CRP7050102 | 9/16/1996 | 2.0 | Manganese | 1.76E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Molybdenum | 1.39E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Nickel | 5.18E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Potassium | 1.68E+03 | | NS | NS | No Standard | No Standard | |
| CRP7050102 | 9/16/1996 | 2.0 | RDX | 9.08E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Sodium | 5.60E+01 | J | NS | NS | No Standard | No Standard | |
| CRP7050102 | 9/16/1996 | 2.0 | Vanadium | 1.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7050102 | 9/16/1996 | 2.0 | Zinc | 1.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Aluminum | 1.32E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Arsenic | 1.49E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Barium | 1.74E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Beryllium | 4.42E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Cadmium | 6.21E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Calcium | 1.18E+04 | | NS | NS | No Standard | No Standard | |
| CRP7050207 | 9/16/1996 | 7.0 | Chromium | 8.91E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7050207 | 9/16/1996 | 7.0 | Cobalt | 3.59E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Copper | 2.78E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Iron | 8.97E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Lead | 4.93E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Magnesium | 3.18E+03 | | NS | NS | No Standard | No Standard | |
| CRP7050207 | 9/16/1996 | 7.0 | Manganese | 1.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Molybdenum | 2.99E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Nickel | 6.57E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Potassium | 2.93E+03 | | NS | NS | No Standard | No Standard | |
| CRP7050207 | 9/16/1996 | 7.0 | Sodium | 7.40E+01 | J | NS | NS | No Standard | No Standard | |
| CRP7050207 | 9/16/1996 | 7.0 | Vanadium | 2.06E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7050207 | 9/16/1996 | 7.0 | Zinc | 1.51E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP7060110 | 9/18/1996 | 10.0 | Aluminum | 2.74E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7060110 | 9/18/1996 | 10.0 | Arsenic | 1.52E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7060110 | 9/18/1996 | 10.0 | Barium | 2.82E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7060110 | 9/18/1996 | 10.0 | Beryllium | 6.74E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7060110 | 9/18/1996 | 10.0 | Calcium | 9.10E+04 | | NS | NS | No Standard | No Standard | |
| CRP7060110 | 9/18/1996 | 10.0 | Chromium | 1.95E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7060110 | 9/18/1996 | 10.0 | Cobalt | 6.51E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7060110 | 9/18/1996 | 10.0 | Copper | 3.60E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7060110 | 9/18/1996 | 10.0 | Iron | 1.04E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7060110 | 9/18/1996 | 10.0 | Lead | 1.04E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7060110 | 9/18/1996 | 10.0 | Magnesium | 1.16E+04 | | NS | NS | No Standard | No Standard | |
| CRP7060110 | 9/18/1996 | 10.0 | Manganese | 1.48E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7060110 | 9/18/1996 | 10.0 | Nickel | 1.46E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7060110 | 9/18/1996 | 10.0 | Potassium | 4.85E+03 | | NS | NS | No Standard | No Standard | |
| CRP7060110 | 9/18/1996 | 10.0 | Sodium | 2.27E+03 | | NS | NS | No Standard | No Standard | |
| CRP7060110 | 9/18/1996 | 10.0 | Vanadium | 6.12E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7060110 | 9/18/1996 | 10.0 | Zinc | 2.31E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Aluminum | 1.31E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Arsenic | 1.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Barium | 1.77E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Beryllium | 3.38E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Cadmium | 5.53E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Calcium | 1.79E+04 | | NS | NS | No Standard | No Standard | |
| CRP7070102 | 9/18/1996 | 2.0 | Chromium | 3.17E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7070102 | 9/18/1996 | 2.0 | Cobalt | 3.36E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Copper | 5.50E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Iron | 1.10E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Lead | 1.05E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Magnesium | 3.56E+03 | | NS | NS | No Standard | No Standard | |
| CRP7070102 | 9/18/1996 | 2.0 | Manganese | 2.45E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Mercury | 8.00E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Molybdenum | 1.50E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Nickel | 1.73E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Potassium | 2.38E+03 | | NS | NS | No Standard | No Standard | |
| CRP7070102 | 9/18/1996 | 2.0 | Sodium | 5.55E+02 | | NS | NS | No Standard | No Standard | |
| CRP7070102 | 9/18/1996 | 2.0 | Vanadium | 1.85E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7070102 | 9/18/1996 | 2.0 | Zinc | 4.42E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Aluminum | 2.85E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Antimony | 4.82E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Arsenic | 1.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Barium | 9.86E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Beryllium | 8.24E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Calcium | 1.40E+05 | | NS | NS | No Standard | No Standard | |
| CRP7080108 | 9/18/1996 | 8.0 | Chromium | 2.04E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP7080108 | 9/18/1996 | 8.0 | Cobalt | 7.74E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP7080108 | 9/18/1996 | 8.0 | Copper | 2.64E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Iron | 1.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Lead | 1.20E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Magnesium | 9.29E+03 | | NS | NS | No Standard | No Standard | |
| CRP7080108 | 9/18/1996 | 8.0 | Manganese | 1.17E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Molybdenum | 3.70E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Nickel | 1.39E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Potassium | 7.32E+03 | | NS | NS | No Standard | No Standard | |
| CRP7080108 | 9/18/1996 | 8.0 | Sodium | 6.89E+02 | | NS | NS | No Standard | No Standard | |
| CRP7080108 | 9/18/1996 | 8.0 | Vanadium | 2.41E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP7080108 | 9/18/1996 | 8.0 | Zinc | 1.98E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Aluminum | 1.94E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Arsenic | 2.04E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Barium | 1.51E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Beryllium | 6.19E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Cadmium | 1.44E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Calcium | 1.24E+04 | | NS | NS | No Standard | No Standard | |
| CRP8010205 | 9/9/1996 | 5.0 | Chromium | 1.25E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8010205 | 9/9/1996 | 5.0 | Cobalt | 4.84E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Copper | 2.55E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Iron | 1.28E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Lead | 9.21E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Magnesium | 4.68E+03 | | NS | NS | No Standard | No Standard | |
| CRP8010205 | 9/9/1996 | 5.0 | Manganese | 3.05E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Mercury | 5.34E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Molybdenum | 1.83E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Nickel | 6.96E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Potassium | 4.41E+03 | | NS | NS | No Standard | No Standard | |
| CRP8010205 | 9/9/1996 | 5.0 | Sodium | 1.13E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8010205 | 9/9/1996 | 5.0 | Thallium | 9.63E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Vanadium | 2.50E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8010205 | 9/9/1996 | 5.0 | Zinc | 3.81E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Aluminum | 3.22E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Arsenic | 2.78E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Barium | 2.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Beryllium | 1.09E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Cadmium | 1.17E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Calcium | 2.69E+04 | | NS | NS | No Standard | No Standard | |
| CRP8010602 | 9/9/1996 | 2.0 | Chromium | 2.12E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8010602 | 9/9/1996 | 2.0 | Cobalt | 7.69E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Copper | 7.99E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Iron | 1.95E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Lead | 1.18E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Magnesium | 7.61E+03 | | NS | NS | No Standard | No Standard | |
| CRP8010602 | 9/9/1996 | 2.0 | Manganese | 5.40E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP8010602 | 9/9/1996 | 2.0 | Molybdenum | 2.47E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Nickel | 1.22E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Potassium | 6.33E+03 | | NS | NS | No Standard | No Standard | |
| CRP8010602 | 9/9/1996 | 2.0 | Sodium | 1.35E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8010602 | 9/9/1996 | 2.0 | Thallium | 1.80E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Vanadium | 4.25E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8010602 | 9/9/1996 | 2.0 | Zinc | 3.73E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Aluminum | 1.49E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Arsenic | 1.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Barium | 2.05E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Beryllium | 4.28E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Calcium | 1.92E+04 | | NS | NS | No Standard | No Standard | |
| CRP8010902 | 9/10/1996 | 2.0 | Chromium | 1.01E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8010902 | 9/10/1996 | 2.0 | Cobalt | 3.32E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Copper | 1.84E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Iron | 9.51E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Lead | 5.10E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Magnesium | 4.71E+03 | | NS | NS | No Standard | No Standard | |
| CRP8010902 | 9/10/1996 | 2.0 | Manganese | 1.72E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Nickel | 5.48E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Potassium | 2.73E+03 | | NS | NS | No Standard | No Standard | |
| CRP8010902 | 9/10/1996 | 2.0 | Sodium | 1.78E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8010902 | 9/10/1996 | 2.0 | Thallium | 5.57E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Vanadium | 1.88E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8010902 | 9/10/1996 | 2.0 | Zinc | 1.45E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Aluminum | 2.33E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Arsenic | 2.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Barium | 1.51E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Beryllium | 8.05E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Calcium | 1.94E+04 | | NS | NS | No Standard | No Standard | |
| CRP8020303 | 9/10/1996 | 3.0 | Chromium | 1.55E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8020303 | 9/10/1996 | 3.0 | Cobalt | 5.22E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Copper | 5.79E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Iron | 1.47E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Lead | 8.20E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Magnesium | 5.42E+03 | | NS | NS | No Standard | No Standard | |
| CRP8020303 | 9/10/1996 | 3.0 | Manganese | 3.15E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Nickel | 8.30E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Potassium | 4.67E+03 | | NS | NS | No Standard | No Standard | |
| CRP8020303 | 9/10/1996 | 3.0 | Sodium | 2.23E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8020303 | 9/10/1996 | 3.0 | Thallium | 1.66E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Vanadium | 3.25E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8020303 | 9/10/1996 | 3.0 | Zinc | 2.68E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Aluminum | 6.61E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Antimony | 3.94E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP8020411 | 9/10/1996 | 11.0 | Arsenic | 9.12E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Barium | 6.64E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Beryllium | 2.37E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Calcium | 9.83E+03 | | NS | NS | No Standard | No Standard | |
| CRP8020411 | 9/10/1996 | 11.0 | Chromium | 4.85E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8020411 | 9/10/1996 | 11.0 | Cobalt | 1.59E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Copper | 9.99E-01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Iron | 5.28E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Lead | 3.36E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Magnesium | 1.92E+03 | | NS | NS | No Standard | No Standard | |
| CRP8020411 | 9/10/1996 | 11.0 | Manganese | 1.34E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Nickel | 2.28E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Potassium | 1.27E+03 | | NS | NS | No Standard | No Standard | |
| CRP8020411 | 9/10/1996 | 11.0 | Sodium | 1.38E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8020411 | 9/10/1996 | 11.0 | Thallium | 5.66E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Vanadium | 1.58E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8020411 | 9/10/1996 | 11.0 | Zinc | 9.20E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Aluminum | 2.42E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Arsenic | 2.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Barium | 1.85E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Beryllium | 7.94E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Calcium | 1.89E+04 | | NS | NS | No Standard | No Standard | |
| CRP8020512 | 9/10/1996 | 12.0 | Chromium | 1.55E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8020512 | 9/10/1996 | 12.0 | Cobalt | 5.77E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Copper | 5.12E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Iron | 1.49E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Lead | 8.99E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Magnesium | 5.47E+03 | | NS | NS | No Standard | No Standard | |
| CRP8020512 | 9/10/1996 | 12.0 | Manganese | 4.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Nickel | 9.84E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Potassium | 4.78E+03 | | NS | NS | No Standard | No Standard | |
| CRP8020512 | 9/10/1996 | 12.0 | RDX | 5.05E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Sodium | 1.59E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8020512 | 9/10/1996 | 12.0 | Thallium | 1.57E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Vanadium | 3.29E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8020512 | 9/10/1996 | 12.0 | Zinc | 2.74E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Aluminum | 1.66E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Arsenic | 1.83E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Barium | 1.43E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Beryllium | 5.60E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Calcium | 1.88E+04 | | NS | NS | No Standard | No Standard | |
| CRP8030104 | 9/11/1996 | 4.0 | Chromium | 1.10E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8030104 | 9/11/1996 | 4.0 | Cobalt | 3.97E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Copper | 3.89E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Iron | 1.17E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP8030104 | 9/11/1996 | 4.0 | Lead | 6.44E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Magnesium | 4.67E+03 | | NS | NS | No Standard | No Standard | |
| CRP8030104 | 9/11/1996 | 4.0 | Manganese | 2.14E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Nickel | 6.89E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Potassium | 2.90E+03 | | NS | NS | No Standard | No Standard | |
| CRP8030104 | 9/11/1996 | 4.0 | RDX | 4.37E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Sodium | 2.22E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8030104 | 9/11/1996 | 4.0 | Vanadium | 2.45E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8030104 | 9/11/1996 | 4.0 | Zinc | 2.09E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Aluminum | 2.09E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Arsenic | 2.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Barium | 1.53E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Beryllium | 7.50E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Calcium | 1.85E+04 | | NS | NS | No Standard | No Standard | |
| CRP8030203 | 9/11/1996 | 3.0 | Chromium | 1.40E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8030203 | 9/11/1996 | 3.0 | Cobalt | 5.42E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Copper | 5.59E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Iron | 1.38E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Lead | 8.37E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Magnesium | 4.94E+03 | | NS | NS | No Standard | No Standard | |
| CRP8030203 | 9/11/1996 | 3.0 | Manganese | 3.40E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Nickel | 7.96E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Potassium | 4.09E+03 | | NS | NS | No Standard | No Standard | |
| CRP8030203 | 9/11/1996 | 3.0 | Sodium | 1.48E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8030203 | 9/11/1996 | 3.0 | Thallium | 8.16E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Vanadium | 3.08E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8030203 | 9/11/1996 | 3.0 | Zinc | 2.68E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Aluminum | 2.35E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Arsenic | 2.98E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Barium | 2.35E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Beryllium | 5.94E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Cadmium | 9.95E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Calcium | 4.69E+04 | | NS | NS | No Standard | No Standard | |
| CRP8030602 | 9/14/1996 | 2.0 | Chromium | 1.70E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8030602 | 9/14/1996 | 2.0 | Cobalt | 4.90E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Copper | 3.83E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Iron | 1.69E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Lead | 1.66E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Magnesium | 6.59E+03 | | NS | NS | No Standard | No Standard | |
| CRP8030602 | 9/14/1996 | 2.0 | Manganese | 4.99E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Mercury | 1.35E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Molybdenum | 3.20E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Nickel | 1.15E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Potassium | 5.32E+03 | | NS | NS | No Standard | No Standard | |
| CRP8030602 | 9/14/1996 | 2.0 | Sodium | 4.16E+02 | J | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP8030602 | 9/14/1996 | 2.0 | Thallium | 6.29E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Vanadium | 3.80E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8030602 | 9/14/1996 | 2.0 | Zinc | 7.40E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Aluminum | 1.74E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Arsenic | 1.82E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Barium | 1.66E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Beryllium | 6.45E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Calcium | 2.36E+04 | | NS | NS | No Standard | No Standard | |
| CRP8040106 | 9/11/1996 | 6.0 | Chromium | 1.21E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8040106 | 9/11/1996 | 6.0 | Cobalt | 4.82E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Copper | 4.52E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Iron | 1.25E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Lead | 9.31E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Magnesium | 5.12E+03 | | NS | NS | No Standard | No Standard | |
| CRP8040106 | 9/11/1996 | 6.0 | Manganese | 5.07E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Nickel | 8.32E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Potassium | 2.98E+03 | | NS | NS | No Standard | No Standard | |
| CRP8040106 | 9/11/1996 | 6.0 | Sodium | 2.21E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8040106 | 9/11/1996 | 6.0 | Vanadium | 2.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8040106 | 9/11/1996 | 6.0 | Zinc | 2.28E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Aluminum | 1.11E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Arsenic | 1.26E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Barium | 1.10E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Beryllium | 4.23E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Calcium | 9.92E+03 | | NS | NS | No Standard | No Standard | |
| CRP8040203 | 9/11/1996 | 3.0 | Chromium | 8.12E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8040203 | 9/11/1996 | 3.0 | Cobalt | 2.54E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Copper | 2.71E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Iron | 8.47E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Lead | 5.23E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Magnesium | 2.66E+03 | | NS | NS | No Standard | No Standard | |
| CRP8040203 | 9/11/1996 | 3.0 | Manganese | 1.83E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Nickel | 4.99E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Potassium | 2.08E+03 | | NS | NS | No Standard | No Standard | |
| CRP8040203 | 9/11/1996 | 3.0 | Sodium | 7.67E+01 | J | NS | NS | No Standard | No Standard | |
| CRP8040203 | 9/11/1996 | 3.0 | Vanadium | 1.87E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8040203 | 9/11/1996 | 3.0 | Zinc | 1.50E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Aluminum | 2.23E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Arsenic | 2.47E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Barium | 8.43E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Beryllium | 6.58E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Cadmium | 1.91E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Calcium | 7.00E+04 | | NS | NS | No Standard | No Standard | |
| CRP8050502 | 9/16/1996 | 2.0 | Chromium | 1.54E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8050502 | 9/16/1996 | 2.0 | Cobalt | 6.67E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP8050502 | 9/16/1996 | 2.0 | Copper | 1.26E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Iron | 1.37E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Lead | 8.79E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Magnesium | 1.38E+04 | | NS | NS | No Standard | No Standard | |
| CRP8050502 | 9/16/1996 | 2.0 | Manganese | 4.93E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Mercury | 6.55E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Molybdenum | 1.76E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Nickel | 1.28E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Potassium | 5.57E+03 | | NS | NS | No Standard | No Standard | |
| CRP8050502 | 9/16/1996 | 2.0 | Sodium | 2.35E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8050502 | 9/16/1996 | 2.0 | Vanadium | 3.84E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8050502 | 9/16/1996 | 2.0 | Zinc | 4.00E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Aluminum | 1.44E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Arsenic | 1.97E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Barium | 1.11E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Beryllium | 4.02E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Cadmium | 9.70E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Calcium | 3.15E+04 | | NS | NS | No Standard | No Standard | |
| CRP8060108 | 9/12/1996 | 8.0 | Chromium | 1.07E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8060108 | 9/12/1996 | 8.0 | Cobalt | 2.90E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Copper | 3.43E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Iron | 1.04E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Lead | 5.27E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Magnesium | 5.31E+03 | | NS | NS | No Standard | No Standard | |
| CRP8060108 | 9/12/1996 | 8.0 | Manganese | 2.62E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Nickel | 7.87E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Potassium | 3.72E+03 | | NS | NS | No Standard | No Standard | |
| CRP8060108 | 9/12/1996 | 8.0 | Sodium | 1.35E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8060108 | 9/12/1996 | 8.0 | Thallium | 7.54E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Vanadium | 1.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8060108 | 9/12/1996 | 8.0 | Zinc | 2.20E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Aluminum | 2.06E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Arsenic | 1.99E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Barium | 9.04E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Beryllium | 6.38E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Cadmium | 1.07E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Calcium | 9.00E+04 | | NS | NS | No Standard | No Standard | |
| CRP8060402 | 9/16/1996 | 2.0 | Chromium | 1.58E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8060402 | 9/16/1996 | 2.0 | Cobalt | 5.85E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Copper | 5.99E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Iron | 1.38E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Lead | 8.58E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Magnesium | 1.17E+04 | | NS | NS | No Standard | No Standard | |
| CRP8060402 | 9/16/1996 | 2.0 | Manganese | 4.10E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Molybdenum | 1.65E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP8060402 | 9/16/1996 | 2.0 | Nickel | 1.28E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Potassium | 6.03E+03 | | NS | NS | No Standard | No Standard | |
| CRP8060402 | 9/16/1996 | 2.0 | Sodium | 2.17E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8060402 | 9/16/1996 | 2.0 | Vanadium | 2.78E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8060402 | 9/16/1996 | 2.0 | Zinc | 2.81E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Aluminum | 7.40E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Antimony | 4.15E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Arsenic | 1.11E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Barium | 1.30E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Beryllium | 2.67E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Cadmium | 2.57E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Calcium | 2.17E+04 | | NS | NS | No Standard | No Standard | |
| CRP8070210 | 9/13/1996 | 10.0 | Chromium | 2.86E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8070210 | 9/13/1996 | 10.0 | Cobalt | 6.85E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Copper | 2.03E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Iron | 3.65E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP8070210 | 9/13/1996 | 10.0 | Lead | 1.70E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Magnesium | 1.37E+04 | | NS | NS | No Standard | No Standard | |
| CRP8070210 | 9/13/1996 | 10.0 | Manganese | 1.72E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Molybdenum | 1.25E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Nickel | 1.40E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Potassium | 1.30E+04 | | NS | NS | No Standard | No Standard | |
| CRP8070210 | 9/13/1996 | 10.0 | Sodium | 1.45E+03 | | NS | NS | No Standard | No Standard | |
| CRP8070210 | 9/13/1996 | 10.0 | Thallium | 1.41E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Vanadium | 4.91E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8070210 | 9/13/1996 | 10.0 | Zinc | 3.77E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Aluminum | 4.25E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Arsenic | 1.73E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Barium | 3.54E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Beryllium | 9.93E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Cadmium | 2.03E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Calcium | 2.63E+04 | | NS | NS | No Standard | No Standard | |
| CRP8080315 | 9/13/1996 | 15.0 | Chromium | 2.54E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8080315 | 9/13/1996 | 15.0 | Cobalt | 7.99E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Copper | 5.24E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Iron | 2.05E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Lead | 1.08E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Magnesium | 1.18E+04 | | NS | NS | No Standard | No Standard | |
| CRP8080315 | 9/13/1996 | 15.0 | Manganese | 7.11E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Mercury | 7.09E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Molybdenum | 2.19E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Nickel | 1.42E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8080315 | 9/13/1996 | 15.0 | Potassium | 6.80E+03 | | NS | NS | No Standard | No Standard | |
| CRP8080315 | 9/13/1996 | 15.0 | Sodium | 4.78E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8080315 | 9/13/1996 | 15.0 | Vanadium | 3.89E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP8080315 | 9/13/1996 | 15.0 | Zinc | 3.45E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8090320 | 9/13/1996 | 20.0 | Aluminum | 1.42E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8090320 | 9/13/1996 | 20.0 | Aluminum | 1.43E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8090320 | 9/13/1996 | 20.0 | Barium | 2.78E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8090320 | 9/13/1996 | 20.0 | Barium | 2.07E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8090320 | 9/13/1996 | 20.0 | Beryllium | 3.28E-01 | DJ | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8090320 | 9/13/1996 | 20.0 | Beryllium | 3.25E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8090320 | 9/13/1996 | 20.0 | Calcium | 1.15E+04 | D | NS | NS | No Standard | No Standard | |
| CRP8090320 | 9/13/1996 | 20.0 | Calcium | 1.11E+04 | | NS | NS | No Standard | No Standard | |
| CRP8090320 | 9/13/1996 | 20.0 | Chromium | 9.00E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8090320 | 9/13/1996 | 20.0 | Chromium | 8.76E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8090320 | 9/13/1996 | 20.0 | Iron | 9.35E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8090320 | 9/13/1996 | 20.0 | Magnesium | 3.64E+03 | D | NS | NS | No Standard | No Standard | |
| CRP8090320 | 9/13/1996 | 20.0 | Magnesium | 3.93E+03 | | NS | NS | No Standard | No Standard | |
| CRP8090320 | 9/13/1996 | 20.0 | Manganese | 2.04E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8090320 | 9/13/1996 | 20.0 | Manganese | 2.89E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8090320 | 9/13/1996 | 20.0 | Potassium | 2.78E+03 | D | NS | NS | No Standard | No Standard | |
| CRP8090320 | 9/13/1996 | 20.0 | Potassium | 2.72E+03 | | NS | NS | No Standard | No Standard | |
| CRP8090320 | 9/13/1996 | 20.0 | Sodium | 1.95E+02 | DJ | NS | NS | No Standard | No Standard | |
| CRP8090320 | 9/13/1996 | 20.0 | Sodium | 2.07E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8100315 | 9/13/1996 | 15.0 | Aluminum | 8.20E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP8100315 | 9/13/1996 | 15.0 | Arsenic | 1.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Barium | 3.17E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Beryllium | 3.04E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Cadmium | 2.08E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Calcium | 1.29E+04 | | NS | NS | No Standard | No Standard | |
| CRP8100315 | 9/13/1996 | 15.0 | Chromium | 3.29E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8100315 | 9/13/1996 | 15.0 | Cobalt | 7.46E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Copper | 2.37E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Iron | 4.07E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP8100315 | 9/13/1996 | 15.0 | Lead | 2.07E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Magnesium | 1.46E+04 | | NS | NS | No Standard | No Standard | |
| CRP8100315 | 9/13/1996 | 15.0 | Manganese | 2.12E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Molybdenum | 2.06E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Nickel | 1.69E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Potassium | 1.50E+04 | | NS | NS | No Standard | No Standard | |
| CRP8100315 | 9/13/1996 | 15.0 | Sodium | 1.54E+03 | | NS | NS | No Standard | No Standard | |
| CRP8100315 | 9/13/1996 | 15.0 | Thallium | 1.65E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Vanadium | 6.07E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8100315 | 9/13/1996 | 15.0 | Zinc | 4.11E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Aluminum | 3.15E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Arsenic | 4.27E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP8110101 | 9/17/1996 | 1.0 | Barium | 2.69E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Beryllium | 9.28E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Cadmium | 6.01E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP8110101 | 9/17/1996 | 1.0 | Calcium | 2.46E+04 | | NS | NS | No Standard | No Standard | |
| CRP8110101 | 9/17/1996 | 1.0 | Chromium | 2.15E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8110101 | 9/17/1996 | 1.0 | Cobalt | 8.31E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Copper | 9.16E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Iron | 1.80E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Lead | 1.31E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Magnesium | 8.50E+03 | | NS | NS | No Standard | No Standard | |
| CRP8110101 | 9/17/1996 | 1.0 | Manganese | 2.87E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Mercury | 6.60E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Nickel | 1.26E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Potassium | 4.50E+03 | | NS | NS | No Standard | No Standard | |
| CRP8110101 | 9/17/1996 | 1.0 | Sodium | 1.60E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8110101 | 9/17/1996 | 1.0 | Thallium | 1.73E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Vanadium | 5.57E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8110101 | 9/17/1996 | 1.0 | Zinc | 3.81E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Aluminum | 3.80E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Arsenic | 6.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP8120205 | 9/17/1996 | 5.0 | Barium | 4.27E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Beryllium | 1.11E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Cadmium | 2.39E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Calcium | 3.44E+04 | | NS | NS | No Standard | No Standard | |
| CRP8120205 | 9/17/1996 | 5.0 | Chromium | 2.32E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8120205 | 9/17/1996 | 5.0 | Cobalt | 8.46E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Copper | 9.30E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Iron | 2.34E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Lead | 1.25E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Magnesium | 1.00E+04 | | NS | NS | No Standard | No Standard | |
| CRP8120205 | 9/17/1996 | 5.0 | Manganese | 5.92E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Nickel | 1.43E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Potassium | 5.03E+03 | | NS | NS | No Standard | No Standard | |
| CRP8120205 | 9/17/1996 | 5.0 | Sodium | 1.77E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8120205 | 9/17/1996 | 5.0 | Thallium | 2.40E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Vanadium | 5.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8120205 | 9/17/1996 | 5.0 | Zinc | 4.21E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Aluminum | 1.55E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Arsenic | 8.80E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Barium | 4.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Beryllium | 8.64E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Cadmium | 6.84E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Calcium | 1.40E+05 | | NS | NS | No Standard | No Standard | |
| CRP8130102 | 9/17/1996 | 2.0 | Chromium | 8.34E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8130102 | 9/17/1996 | 2.0 | Cobalt | 2.67E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Copper | 1.30E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Iron | 6.66E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Lead | 6.03E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP8130102 | 9/17/1996 | 2.0 | Magnesium | 4.55E+03 | | NS | NS | No Standard | No Standard | |
| CRP8130102 | 9/17/1996 | 2.0 | Manganese | 8.57E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Mercury | 4.34E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Nickel | 5.58E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Potassium | 2.93E+03 | | NS | NS | No Standard | No Standard | |
| CRP8130102 | 9/17/1996 | 2.0 | Sodium | 1.69E+02 | J | NS | NS | No Standard | No Standard | |
| CRP8130102 | 9/17/1996 | 2.0 | Thallium | 5.19E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Vanadium | 1.36E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8130102 | 9/17/1996 | 2.0 | Zinc | 9.71E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Aluminum | 4.93E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Antimony | 5.39E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Arsenic | 1.58E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Barium | 2.57E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Beryllium | 1.12E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Calcium | 4.85E+04 | | NS | NS | No Standard | No Standard | |
| CRP8140205 | 9/19/1996 | 5.0 | Chromium | 3.13E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8140205 | 9/19/1996 | 5.0 | Cobalt | 9.01E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Copper | 3.60E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Iron | 2.75E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP8140205 | 9/19/1996 | 5.0 | Lead | 1.04E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Magnesium | 1.39E+04 | | NS | NS | No Standard | No Standard | |
| CRP8140205 | 9/19/1996 | 5.0 | Manganese | 6.54E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Molybdenum | 2.37E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Nickel | 2.08E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Potassium | 1.10E+04 | | NS | NS | No Standard | No Standard | |
| CRP8140205 | 9/19/1996 | 5.0 | Selenium | 5.38E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Sodium | 1.28E+03 | | NS | NS | No Standard | No Standard | |
| CRP8140205 | 9/19/1996 | 5.0 | Vanadium | 4.30E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8140205 | 9/19/1996 | 5.0 | Zinc | 3.68E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Aluminum | 4.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Antimony | 4.72E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Arsenic | 1.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Barium | 2.70E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Beryllium | 9.89E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Calcium | 5.43E+04 | | NS | NS | No Standard | No Standard | |
| CRP8150205 | 9/19/1996 | 5.0 | Chromium | 4.66E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP8150205 | 9/19/1996 | 5.0 | Cobalt | 7.34E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Copper | 1.55E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Iron | 2.39E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP8150205 | 9/19/1996 | 5.0 | Lead | 6.45E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Magnesium | 1.40E+04 | | NS | NS | No Standard | No Standard | |
| CRP8150205 | 9/19/1996 | 5.0 | Manganese | 4.23E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Molybdenum | 1.27E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Nickel | 2.09E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Potassium | 1.40E+04 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP8150205 | 9/19/1996 | 5.0 | RDX | 4.81E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Sodium | 9.66E+02 | | NS | NS | No Standard | No Standard | |
| CRP8150205 | 9/19/1996 | 5.0 | Vanadium | 3.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP8150205 | 9/19/1996 | 5.0 | Zinc | 3.18E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Aluminum | 3.80E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Barium | 9.73E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Beryllium | 7.47E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Calcium | 2.22E+04 | | NS | NS | No Standard | No Standard | |
| CRP9010212 | 8/1/1996 | 12.0 | Chromium | 2.85E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9010212 | 8/1/1996 | 12.0 | Cobalt | 9.45E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Copper | 2.77E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Iron | 2.23E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Lead | 9.30E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Magnesium | 1.39E+04 | | NS | NS | No Standard | No Standard | |
| CRP9010212 | 8/1/1996 | 12.0 | Manganese | 3.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Molybdenum | 1.78E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Nickel | 1.49E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Potassium | 2.94E+03 | | NS | NS | No Standard | No Standard | |
| CRP9010212 | 8/1/1996 | 12.0 | Sodium | 6.00E+02 | | NS | NS | No Standard | No Standard | |
| CRP9010212 | 8/1/1996 | 12.0 | Thallium | 8.80E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Vanadium | 4.74E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9010212 | 8/1/1996 | 12.0 | Zinc | 4.00E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Aluminum | 3.82E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Arsenic | 1.57E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Barium | 4.16E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Beryllium | 1.11E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Calcium | 3.21E+04 | | NS | NS | No Standard | No Standard | |
| CRP9010309 | 8/1/1996 | 9.0 | Chromium | 2.17E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9010309 | 8/1/1996 | 9.0 | Cobalt | 6.51E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Copper | 3.98E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Iron | 1.91E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Lead | 8.32E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Magnesium | 1.03E+04 | | NS | NS | No Standard | No Standard | |
| CRP9010309 | 8/1/1996 | 9.0 | Manganese | 4.59E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Molybdenum | 2.01E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Nickel | 1.25E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Potassium | 7.17E+03 | | NS | NS | No Standard | No Standard | |
| CRP9010309 | 8/1/1996 | 9.0 | Sodium | 7.21E+02 | | NS | NS | No Standard | No Standard | |
| CRP9010309 | 8/1/1996 | 9.0 | Thallium | 1.11E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Vanadium | 3.72E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9010309 | 8/1/1996 | 9.0 | Zinc | 3.02E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | 4-Amino-2,6-dinitrotoluene | 3.22E-01 | J | NS | NS | No Standard | No Standard | |
| CRP9011702 | 9/16/1996 | 2.0 | Aluminum | 3.74E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | Arsenic | 1.63E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | Barium | 1.82E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP9011702 | 9/16/1996 | 2.0 | Beryllium | 9.75E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | Cadmium | 1.40E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | Calcium | 8.80E+04 | | NS | NS | No Standard | No Standard | |
| CRP9011702 | 9/16/1996 | 2.0 | Chromium | 1.85E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9011702 | 9/16/1996 | 2.0 | Cobalt | 7.31E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | Copper | 5.79E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | Iron | 1.94E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | Lead | 6.47E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | Magnesium | 1.48E+04 | | NS | NS | No Standard | No Standard | |
| CRP9011702 | 9/16/1996 | 2.0 | Manganese | 4.66E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | Nickel | 1.78E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | Potassium | 1.70E+04 | | NS | NS | No Standard | No Standard | |
| CRP9011702 | 9/16/1996 | 2.0 | Sodium | 7.19E+02 | | NS | NS | No Standard | No Standard | |
| CRP9011702 | 9/16/1996 | 2.0 | Vanadium | 1.60E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9011702 | 9/16/1996 | 2.0 | Zinc | 2.56E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Aluminum | 2.99E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Aluminum | 2.57E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Arsenic | 8.95E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Arsenic | 8.82E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Barium | 1.32E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Barium | 8.96E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Beryllium | 6.51E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Beryllium | 6.21E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Cadmium | 1.45E-01 | DJ | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Cadmium | 1.06E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Calcium | 1.40E+05 | D | NS | NS | No Standard | No Standard | |
| CRP9011808 | 9/16/1996 | 8.0 | Calcium | 1.30E+05 | | NS | NS | No Standard | No Standard | |
| CRP9011808 | 9/16/1996 | 8.0 | Chromium | 2.86E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9011808 | 9/16/1996 | 8.0 | Chromium | 2.48E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9011808 | 9/16/1996 | 8.0 | Cobalt | 6.55E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Cobalt | 4.57E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Copper | 6.24E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Copper | 4.81E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | HMX | 1.83E-01 | DJ | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Iron | 1.55E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Iron | 1.50E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Lead | 6.12E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Lead | 5.95E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Magnesium | 1.21E+04 | D | NS | NS | No Standard | No Standard | |
| CRP9011808 | 9/16/1996 | 8.0 | Magnesium | 1.02E+04 | | NS | NS | No Standard | No Standard | |
| CRP9011808 | 9/16/1996 | 8.0 | Manganese | 5.75E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Manganese | 4.62E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Nickel | 1.51E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Nickel | 1.18E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Potassium | 1.10E+04 | D | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP9011808 | 9/16/1996 | 8.0 | Potassium | 9.38E+03 | | NS | NS | No Standard | No Standard | |
| CRP9011808 | 9/16/1996 | 8.0 | Sodium | 6.04E+02 | D | NS | NS | No Standard | No Standard | |
| CRP9011808 | 9/16/1996 | 8.0 | Sodium | 5.78E+02 | | NS | NS | No Standard | No Standard | |
| CRP9011808 | 9/16/1996 | 8.0 | Vanadium | 2.18E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Vanadium | 1.44E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Zinc | 2.19E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9011808 | 9/16/1996 | 8.0 | Zinc | 1.88E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Aluminum | 4.16E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Arsenic | 1.45E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Barium | 5.35E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Beryllium | 1.07E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Calcium | 3.31E+04 | | NS | NS | No Standard | No Standard | |
| CRP9020411 | 9/7/1996 | 11.0 | Chromium | 2.30E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9020411 | 9/7/1996 | 11.0 | Cobalt | 7.83E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Copper | 2.88E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Iron | 2.09E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Lead | 1.08E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Magnesium | 1.29E+04 | | NS | NS | No Standard | No Standard | |
| CRP9020411 | 9/7/1996 | 11.0 | Manganese | 5.56E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Nickel | 1.47E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Potassium | 5.70E+03 | | NS | NS | No Standard | No Standard | |
| CRP9020411 | 9/7/1996 | 11.0 | Sodium | 5.30E+02 | J | NS | NS | No Standard | No Standard | |
| CRP9020411 | 9/7/1996 | 11.0 | Thallium | 7.94E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Vanadium | 3.60E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9020411 | 9/7/1996 | 11.0 | Zinc | 3.33E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Aluminum | 4.85E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Arsenic | 1.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Barium | 4.86E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Beryllium | 1.29E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Cadmium | 4.49E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Calcium | 3.91E+04 | | NS | NS | No Standard | No Standard | |
| CRP9020702 | 9/7/1996 | 2.0 | Chromium | 2.62E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9020702 | 9/7/1996 | 2.0 | Cobalt | 8.42E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Copper | 6.09E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Iron | 2.34E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Lead | 1.27E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Magnesium | 1.33E+04 | | NS | NS | No Standard | No Standard | |
| CRP9020702 | 9/7/1996 | 2.0 | Manganese | 6.49E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Mercury | 3.58E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Nickel | 1.57E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Potassium | 9.08E+03 | | NS | NS | No Standard | No Standard | |
| CRP9020702 | 9/7/1996 | 2.0 | Sodium | 2.70E+02 | J | NS | NS | No Standard | No Standard | |
| CRP9020702 | 9/7/1996 | 2.0 | Thallium | 9.14E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Vanadium | 4.29E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9020702 | 9/7/1996 | 2.0 | Zinc | 3.75E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP9030502 | 9/6/1996 | 2.0 | Aluminum | 4.16E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Arsenic | 1.31E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Barium | 4.34E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Beryllium | 1.07E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Calcium | 3.33E+04 | | NS | NS | No Standard | No Standard | |
| CRP9030502 | 9/6/1996 | 2.0 | Chromium | 2.30E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9030502 | 9/6/1996 | 2.0 | Cobalt | 7.56E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Copper | 1.27E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Iron | 2.07E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Lead | 1.07E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Magnesium | 1.26E+04 | | NS | NS | No Standard | No Standard | |
| CRP9030502 | 9/6/1996 | 2.0 | Manganese | 5.43E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Nickel | 1.39E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Potassium | 5.83E+03 | | NS | NS | No Standard | No Standard | |
| CRP9030502 | 9/6/1996 | 2.0 | Sodium | 2.28E+02 | J | NS | NS | No Standard | No Standard | |
| CRP9030502 | 9/6/1996 | 2.0 | Thallium | 7.61E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Vanadium | 3.67E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9030502 | 9/6/1996 | 2.0 | Zinc | 3.26E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Aluminum | 3.66E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Arsenic | 9.81E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Barium | 3.66E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Beryllium | 1.05E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Calcium | 3.22E+04 | | NS | NS | No Standard | No Standard | |
| CRP9030608 | 9/6/1996 | 8.0 | Chromium | 2.09E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9030608 | 9/6/1996 | 8.0 | Cobalt | 7.63E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Copper | 3.90E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Iron | 2.07E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Lead | 1.15E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Magnesium | 1.12E+04 | | NS | NS | No Standard | No Standard | |
| CRP9030608 | 9/6/1996 | 8.0 | Manganese | 4.89E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Molybdenum | 2.41E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Nickel | 1.49E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Potassium | 4.78E+03 | | NS | NS | No Standard | No Standard | |
| CRP9030608 | 9/6/1996 | 8.0 | Sodium | 1.36E+03 | | NS | NS | No Standard | No Standard | |
| CRP9030608 | 9/6/1996 | 8.0 | Vanadium | 2.96E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9030608 | 9/6/1996 | 8.0 | Zinc | 2.99E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9040105 | 9/7/1996 | 5.0 | Aluminum | 2.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9040105 | 9/7/1996 | 5.0 | Arsenic | 1.42E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9040105 | 9/7/1996 | 5.0 | Barium | 1.99E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9040105 | 9/7/1996 | 5.0 | Beryllium | 6.96E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9040105 | 9/7/1996 | 5.0 | Calcium | 1.92E+04 | | NS | NS | No Standard | No Standard | |
| CRP9040105 | 9/7/1996 | 5.0 | Chromium | 1.35E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9040105 | 9/7/1996 | 5.0 | Cobalt | 4.20E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9040105 | 9/7/1996 | 5.0 | Copper | 3.84E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9040105 | 9/7/1996 | 5.0 | Iron | 1.32E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP9040105 | 9/7/1996 | 5.0 | Lead | 6.77E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9040105 | 9/7/1996 | 5.0 | Magnesium | 5.62E+03 | | NS | NS | No Standard | No Standard | |
| CRP9040105 | 9/7/1996 | 5.0 | Manganese | 2.90E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9040105 | 9/7/1996 | 5.0 | Nickel | 7.77E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9040105 | 9/7/1996 | 5.0 | Potassium | 3.50E+03 | | NS | NS | No Standard | No Standard | |
| CRP9040105 | 9/7/1996 | 5.0 | Sodium | 9.41E+01 | J | NS | NS | No Standard | No Standard | |
| CRP9040105 | 9/7/1996 | 5.0 | Vanadium | 2.54E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9040105 | 9/7/1996 | 5.0 | Zinc | 2.09E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9040209 | 9/7/1996 | 9.0 | Total organic carbon | 1.70E+03 | | NS | NS | No Standard | No Standard | |
| CRP9040510 | 9/9/1996 | 10.0 | Aluminum | 2.07E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Arsenic | 1.75E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Barium | 1.76E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Beryllium | 6.45E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Cadmium | 4.89E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Calcium | 3.14E+04 | | NS | NS | No Standard | No Standard | |
| CRP9040510 | 9/9/1996 | 10.0 | Chromium | 1.40E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9040510 | 9/9/1996 | 10.0 | Cobalt | 4.61E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Copper | 3.73E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Iron | 1.29E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Lead | 7.02E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Magnesium | 6.25E+03 | | NS | NS | No Standard | No Standard | |
| CRP9040510 | 9/9/1996 | 10.0 | Manganese | 3.28E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Nickel | 7.93E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Potassium | 4.05E+03 | | NS | NS | No Standard | No Standard | |
| CRP9040510 | 9/9/1996 | 10.0 | Sodium | 2.51E+02 | J | NS | NS | No Standard | No Standard | |
| CRP9040510 | 9/9/1996 | 10.0 | Thallium | 8.89E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Vanadium | 2.83E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9040510 | 9/9/1996 | 10.0 | Zinc | 2.41E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Aluminum | 1.63E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Arsenic | 1.89E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Barium | 1.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Beryllium | 5.25E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Calcium | 1.87E+04 | | NS | NS | No Standard | No Standard | |
| CRP9060207 | 9/6/1996 | 7.0 | Chromium | 1.10E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9060207 | 9/6/1996 | 7.0 | Cobalt | 3.45E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Copper | 2.96E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Iron | 1.05E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Lead | 5.42E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Magnesium | 4.60E+03 | | NS | NS | No Standard | No Standard | |
| CRP9060207 | 9/6/1996 | 7.0 | Manganese | 1.88E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Nickel | 7.68E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Potassium | 3.36E+03 | | NS | NS | No Standard | No Standard | |
| CRP9060207 | 9/6/1996 | 7.0 | Sodium | 4.86E+02 | J | NS | NS | No Standard | No Standard | |
| CRP9060207 | 9/6/1996 | 7.0 | Vanadium | 2.19E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9060207 | 9/6/1996 | 7.0 | Zinc | 1.70E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP9060402 | 9/6/1996 | 2.0 | Aluminum | 4.77E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Arsenic | 1.39E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Barium | 4.38E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Beryllium | 1.20E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Cadmium | 4.88E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Calcium | 3.16E+04 | | NS | NS | No Standard | No Standard | |
| CRP9060402 | 9/6/1996 | 2.0 | Chromium | 2.62E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9060402 | 9/6/1996 | 2.0 | Cobalt | 8.72E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Copper | 3.15E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Iron | 2.29E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Lead | 1.11E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Magnesium | 1.40E+04 | | NS | NS | No Standard | No Standard | |
| CRP9060402 | 9/6/1996 | 2.0 | Manganese | 5.86E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Nickel | 1.66E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Potassium | 7.50E+03 | | NS | NS | No Standard | No Standard | |
| CRP9060402 | 9/6/1996 | 2.0 | Sodium | 5.84E+02 | | NS | NS | No Standard | No Standard | |
| CRP9060402 | 9/6/1996 | 2.0 | Thallium | 9.44E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Vanadium | 4.16E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9060402 | 9/6/1996 | 2.0 | Zinc | 3.58E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Aluminum | 4.16E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Antimony | 5.56E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Arsenic | 9.42E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Barium | 2.54E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Beryllium | 9.12E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Calcium | 2.80E+04 | | NS | NS | No Standard | No Standard | |
| CRP9070204 | 9/19/1996 | 4.0 | Chromium | 2.30E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CRP9070204 | 9/19/1996 | 4.0 | Cobalt | 7.01E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Copper | 3.09E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Iron | 2.31E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Lead | 8.84E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Magnesium | 1.39E+04 | | NS | NS | No Standard | No Standard | |
| CRP9070204 | 9/19/1996 | 4.0 | Manganese | 2.31E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Molybdenum | 2.17E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Nickel | 1.89E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Potassium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| CRP9070204 | 9/19/1996 | 4.0 | Sodium | 1.70E+03 | | NS | NS | No Standard | No Standard | |
| CRP9070204 | 9/19/1996 | 4.0 | Vanadium | 2.80E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9070204 | 9/19/1996 | 4.0 | Zinc | 2.60E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Aluminum | 3.13E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Antimony | 6.66E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Arsenic | 1.76E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Barium | 5.48E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Beryllium | 7.79E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Calcium | 5.02E+04 | | NS | NS | No Standard | No Standard | |
| CRP9080204 | 9/19/1996 | 4.0 | Chromium | 1.60E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CRP9080204 | 9/19/1996 | 4.0 | Cobalt | 7.28E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Copper | 5.14E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Iron | 1.92E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Lead | 7.98E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Magnesium | 1.22E+04 | | NS | NS | No Standard | No Standard | |
| CRP9080204 | 9/19/1996 | 4.0 | Manganese | 3.52E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Nickel | 1.77E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Potassium | 8.59E+03 | | NS | NS | No Standard | No Standard | |
| CRP9080204 | 9/19/1996 | 4.0 | Sodium | 2.57E+03 | | NS | NS | No Standard | No Standard | |
| CRP9080204 | 9/19/1996 | 4.0 | Vanadium | 3.35E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CRP9080204 | 9/19/1996 | 4.0 | Zinc | 2.31E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Aluminum | 5.06E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Arsenic | 1.24E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Barium | 3.98E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO01 | 11/18/1993 | 0.0 | Chromium | 4.64E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO01 | 11/18/1993 | 0.0 | Cobalt | 3.22E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Copper | 1.40E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Lead | 6.68E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Magnesium | 2.49E+03 | | NS | NS | No Standard | No Standard | |
| DBASO01 | 11/18/1993 | 0.0 | Manganese | 2.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Mercury | 5.90E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Nickel | 4.37E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Potassium | 1.05E+03 | | NS | NS | No Standard | No Standard | |
| DBASO01 | 11/18/1993 | 0.0 | Sodium | 9.30E+02 | | NS | NS | No Standard | No Standard | |
| DBASO01 | 11/18/1993 | 0.0 | Vanadium | 1.26E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO01 | 11/18/1993 | 0.0 | Zinc | 1.86E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO02 | 11/18/1993 | 0.0 | Aluminum | 3.91E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO02 | 11/18/1993 | 0.0 | Arsenic | 5.55E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO02 | 11/18/1993 | 0.0 | Barium | 4.92E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO02 | 11/18/1993 | 0.0 | Calcium | 4.62E+03 | | NS | NS | No Standard | No Standard | |
| DBASO02 | 11/18/1993 | 0.0 | Chromium | 3.73E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO02 | 11/18/1993 | 0.0 | Cobalt | 2.36E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO02 | 11/18/1993 | 0.0 | Copper | 5.86E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO02 | 11/18/1993 | 0.0 | Iron | 4.11E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO02 | 11/18/1993 | 0.0 | Lead | 2.49E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO02 | 11/18/1993 | 0.0 | Magnesium | 1.71E+03 | | NS | NS | No Standard | No Standard | |
| DBASO02 | 11/18/1993 | 0.0 | Manganese | 1.91E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO02 | 11/18/1993 | 0.0 | Nickel | 4.32E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO02 | 11/18/1993 | 0.0 | Potassium | 9.37E+02 | | NS | NS | No Standard | No Standard | |
| DBASO02 | 11/18/1993 | 0.0 | Sodium | 1.64E+02 | | NS | NS | No Standard | No Standard | |
| DBASO02 | 11/18/1993 | 0.0 | Vanadium | 8.30E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO02 | 11/18/1993 | 0.0 | Zinc | 1.48E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO03 | 11/17/1993 | 0.0 | Aluminum | 4.06E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO03 | 11/17/1993 | 0.0 | Arsenic | 9.28E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO03 | 11/17/1993 | 0.0 | Barium | 3.69E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO03 | 11/17/1993 | 0.0 | Beryllium | 6.44E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO03 | 11/17/1993 | 0.0 | Calcium | 4.13E+03 | | NS | NS | No Standard | No Standard | |
| DBASO03 | 11/17/1993 | 0.0 | Chromium | 1.37E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO03 | 11/17/1993 | 0.0 | Cobalt | 3.82E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO03 | 11/17/1993 | 0.0 | Copper | 1.53E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO03 | 11/17/1993 | 0.0 | Iron | 4.69E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO03 | 11/17/1993 | 0.0 | Lead | 8.86E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO03 | 11/17/1993 | 0.0 | Magnesium | 3.10E+03 | | NS | NS | No Standard | No Standard | |
| DBASO03 | 11/17/1993 | 0.0 | Manganese | 5.47E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO03 | 11/17/1993 | 0.0 | Nickel | 1.02E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO03 | 11/17/1993 | 0.0 | Potassium | 9.12E+02 | | NS | NS | No Standard | No Standard | |
| DBASO03 | 11/17/1993 | 0.0 | Sodium | 2.34E+02 | | NS | NS | No Standard | No Standard | |
| DBASO03 | 11/17/1993 | 0.0 | Vanadium | 1.56E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO03 | 11/17/1993 | 0.0 | Zinc | 2.37E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Aluminum | 1.93E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Arsenic | 6.26E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Barium | 2.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Beryllium | 7.13E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Cadmium | 1.98E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Calcium | 4.78E+03 | | NS | NS | No Standard | No Standard | |
| DBASO04 | 11/17/1993 | 0.0 | Chromium | 9.48E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO04 | 11/17/1993 | 0.0 | Cobalt | 3.69E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Copper | 1.32E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Iron | 1.86E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Lead | 4.13E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Magnesium | 4.02E+03 | | NS | NS | No Standard | No Standard | |
| DBASO04 | 11/17/1993 | 0.0 | Manganese | 3.61E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Nickel | 7.25E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Potassium | 1.09E+03 | | NS | NS | No Standard | No Standard | |
| DBASO04 | 11/17/1993 | 0.0 | Sodium | 2.21E+02 | | NS | NS | No Standard | No Standard | |
| DBASO04 | 11/17/1993 | 0.0 | Vanadium | 1.28E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO04 | 11/17/1993 | 0.0 | Zinc | 7.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Aluminum | 2.28E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Arsenic | 4.11E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Barium | 3.87E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Beryllium | 7.72E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Cadmium | 1.48E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Calcium | 5.30E+03 | | NS | NS | No Standard | No Standard | |
| DBASO05 | 11/17/1993 | 0.0 | Chromium | 8.83E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO05 | 11/17/1993 | 0.0 | Cobalt | 3.76E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Copper | 8.21E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Iron | 1.61E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Lead | 4.38E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO05 | 11/17/1993 | 0.0 | Magnesium | 4.10E+03 | | NS | NS | No Standard | No Standard | |
| DBASO05 | 11/17/1993 | 0.0 | Manganese | 3.83E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Mercury | 3.60E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Nickel | 6.97E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Potassium | 1.22E+03 | | NS | NS | No Standard | No Standard | |
| DBASO05 | 11/17/1993 | 0.0 | Sodium | 2.25E+02 | | NS | NS | No Standard | No Standard | |
| DBASO05 | 11/17/1993 | 0.0 | Vanadium | 1.45E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO05 | 11/17/1993 | 0.0 | Zinc | 6.51E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Aluminum | 4.84E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Arsenic | 3.65E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Barium | 4.43E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Beryllium | 8.55E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Cadmium | 7.44E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Calcium | 2.39E+03 | | NS | NS | No Standard | No Standard | |
| DBASO06 | 11/17/1993 | 0.0 | Chromium | 3.20E+02 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO06 | 11/17/1993 | 0.0 | Cobalt | 1.16E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Copper | 1.83E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Iron | 4.04E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Lead | 5.68E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Magnesium | 3.38E+03 | | NS | NS | No Standard | No Standard | |
| DBASO06 | 11/17/1993 | 0.0 | Manganese | 7.10E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Mercury | 2.98E-01 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Nickel | 7.70E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Potassium | 2.14E+03 | | NS | NS | No Standard | No Standard | |
| DBASO06 | 11/17/1993 | 0.0 | Sodium | 2.78E+02 | | NS | NS | No Standard | No Standard | |
| DBASO06 | 11/17/1993 | 0.0 | Vanadium | 3.13E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO06 | 11/17/1993 | 0.0 | Zinc | 2.22E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 5.80E-01 | | NS | NS | No Standard | No Standard | |
| DBASO07 | 11/18/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 5.18E-01 | | NS | NS | No Standard | No Standard | |
| DBASO07 | 11/18/1993 | 0.0 | Aluminum | 3.22E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Arsenic | 5.17E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Barium | 3.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Beryllium | 7.09E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Cadmium | 1.25E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO07 | 11/18/1993 | 0.0 | Chromium | 8.00E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO07 | 11/18/1993 | 0.0 | Cobalt | 4.28E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Copper | 3.74E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Iron | 3.50E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Lead | 8.93E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Magnesium | 3.44E+03 | | NS | NS | No Standard | No Standard | |
| DBASO07 | 11/18/1993 | 0.0 | Manganese | 3.68E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Mercury | 8.09E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Nickel | 7.44E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Potassium | 1.92E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO07 | 11/18/1993 | 0.0 | Sodium | 2.17E+02 | | NS | NS | No Standard | No Standard | |
| DBASO07 | 11/18/1993 | 0.0 | Vanadium | 1.39E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO07 | 11/18/1993 | 0.0 | Zinc | 8.39E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO08 | 11/18/1993 | 0.0 | Aluminum | 1.34E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO08 | 11/18/1993 | 0.0 | Arsenic | 5.12E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO08 | 11/18/1993 | 0.0 | Barium | 7.01E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO08 | 11/18/1993 | 0.0 | Calcium | 4.01E+03 | | NS | NS | No Standard | No Standard | |
| DBASO08 | 11/18/1993 | 0.0 | Chromium | 2.03E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO08 | 11/18/1993 | 0.0 | Cobalt | 8.63E-01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO08 | 11/18/1993 | 0.0 | Copper | 1.63E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO08 | 11/18/1993 | 0.0 | Iron | 2.00E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO08 | 11/18/1993 | 0.0 | Lead | 1.71E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO08 | 11/18/1993 | 0.0 | Magnesium | 4.84E+02 | | NS | NS | No Standard | No Standard | |
| DBASO08 | 11/18/1993 | 0.0 | Manganese | 2.16E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO08 | 11/18/1993 | 0.0 | Potassium | 4.00E+02 | | NS | NS | No Standard | No Standard | |
| DBASO08 | 11/18/1993 | 0.0 | Sodium | 1.38E+02 | | NS | NS | No Standard | No Standard | |
| DBASO08 | 11/18/1993 | 0.0 | Vanadium | 5.95E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO08 | 11/18/1993 | 0.0 | Zinc | 8.07E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Aluminum | 4.06E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Arsenic | 1.27E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Barium | 3.83E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Beryllium | 1.03E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Calcium | 1.99E+03 | | NS | NS | No Standard | No Standard | |
| DBASO09 | 11/17/1993 | 0.0 | Chromium | 1.58E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO09 | 11/17/1993 | 0.0 | Cobalt | 7.32E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Copper | 6.52E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Iron | 2.76E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Lead | 4.33E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Magnesium | 5.17E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO09 | 11/17/1993 | 0.0 | Manganese | 5.10E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Mercury | 5.10E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Nickel | 1.19E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Potassium | 2.40E+03 | | NS | NS | No Standard | No Standard | |
| DBASO09 | 11/17/1993 | 0.0 | Sodium | 2.76E+02 | | NS | NS | No Standard | No Standard | |
| DBASO09 | 11/17/1993 | 0.0 | Vanadium | 2.10E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO09 | 11/17/1993 | 0.0 | Zinc | 6.52E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Aluminum | 4.50E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Arsenic | 8.04E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Barium | 2.00E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Beryllium | 8.80E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Cadmium | 1.22E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO10 | 11/17/1993 | 0.0 | Chromium | 9.83E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO10 | 11/17/1993 | 0.0 | Cobalt | 4.29E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Copper | 6.60E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO10 | 11/17/1993 | 0.0 | Iron | 3.96E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Lead | 3.75E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Magnesium | 2.87E+03 | | NS | NS | No Standard | No Standard | |
| DBASO10 | 11/17/1993 | 0.0 | Manganese | 3.19E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Mercury | 3.50E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Nickel | 8.12E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Potassium | 9.04E+02 | | NS | NS | No Standard | No Standard | |
| DBASO10 | 11/17/1993 | 0.0 | Sodium | 1.97E+02 | | NS | NS | No Standard | No Standard | |
| DBASO10 | 11/17/1993 | 0.0 | Vanadium | 1.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO10 | 11/17/1993 | 0.0 | Zinc | 4.89E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Aluminum | 4.12E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Arsenic | 6.39E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Barium | 4.77E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Beryllium | 7.59E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Cadmium | 2.38E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Calcium | 3.94E+03 | | NS | NS | No Standard | No Standard | |
| DBASO11 | 11/17/1993 | 0.0 | Chromium | 9.43E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO11 | 11/17/1993 | 0.0 | Cobalt | 3.74E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Copper | 1.59E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Iron | 3.94E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Lead | 8.15E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Magnesium | 2.92E+03 | | NS | NS | No Standard | No Standard | |
| DBASO11 | 11/17/1993 | 0.0 | Manganese | 3.41E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Mercury | 4.90E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Nickel | 8.39E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Potassium | 1.14E+03 | | NS | NS | No Standard | No Standard | |
| DBASO11 | 11/17/1993 | 0.0 | Sodium | 2.16E+02 | | NS | NS | No Standard | No Standard | |
| DBASO11 | 11/17/1993 | 0.0 | Vanadium | 9.55E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO11 | 11/17/1993 | 0.0 | Zinc | 2.41E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Aluminum | 2.58E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Arsenic | 1.00E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Barium | 5.25E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Beryllium | 1.35E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Calcium | 5.57E+03 | | NS | NS | No Standard | No Standard | |
| DBASO12 | 11/17/1993 | 0.0 | Chromium | 1.59E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO12 | 11/17/1993 | 0.0 | Cobalt | 6.04E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Copper | 6.06E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Lead | 5.82E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Magnesium | 2.68E+03 | | NS | NS | No Standard | No Standard | |
| DBASO12 | 11/17/1993 | 0.0 | Manganese | 6.10E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Mercury | 1.86E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Nickel | 1.26E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Potassium | 3.26E+03 | | NS | NS | No Standard | No Standard | |
| DBASO12 | 11/17/1993 | 0.0 | Sodium | 3.38E+02 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO12 | 11/17/1993 | 0.0 | Vanadium | 2.19E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO12 | 11/17/1993 | 0.0 | Zinc | 1.01E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Aluminum | 3.90E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Arsenic | 1.23E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Arsenic | 7.98E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Barium | 4.00E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Barium | 4.34E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Beryllium | 6.19E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Beryllium | 7.65E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Cadmium | 6.87E-01 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Cadmium | 1.00E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Calcium | 5.52E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO13 | 11/17/1993 | 0.0 | Calcium | 4.29E+03 | | NS | NS | No Standard | No Standard | |
| DBASO13 | 11/17/1993 | 0.0 | Chromium | 1.00E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO13 | 11/17/1993 | 0.0 | Chromium | 2.13E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO13 | 11/17/1993 | 0.0 | Cobalt | 4.52E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Cobalt | 5.50E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Copper | 7.29E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Copper | 2.85E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Iron | 3.90E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Iron | 4.33E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Lead | 7.63E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Lead | 7.45E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Magnesium | 2.25E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO13 | 11/17/1993 | 0.0 | Magnesium | 2.44E+03 | | NS | NS | No Standard | No Standard | |
| DBASO13 | 11/17/1993 | 0.0 | Manganese | 4.23E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Manganese | 4.70E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Mercury | 2.98E-01 | DJ | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Mercury | 2.98E-01 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Nickel | 6.40E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Nickel | 1.34E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Potassium | 1.49E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO13 | 11/17/1993 | 0.0 | Potassium | 2.19E+03 | | NS | NS | No Standard | No Standard | |
| DBASO13 | 11/17/1993 | 0.0 | Sodium | 2.79E+02 | D | NS | NS | No Standard | No Standard | |
| DBASO13 | 11/17/1993 | 0.0 | Sodium | 2.86E+02 | | NS | NS | No Standard | No Standard | |
| DBASO13 | 11/17/1993 | 0.0 | Vanadium | 1.42E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Vanadium | 1.73E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Zinc | 7.66E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO13 | 11/17/1993 | 0.0 | Zinc | 9.61E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Aluminum | 3.77E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Aluminum | 2.92E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Arsenic | 1.36E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Arsenic | 6.03E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Barium | 3.79E+01 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO14 | 11/18/1993 | 0.0 | Barium | 3.26E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Calcium | 4.34E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO14 | 11/18/1993 | 0.0 | Calcium | 4.44E+03 | | NS | NS | No Standard | No Standard | |
| DBASO14 | 11/18/1993 | 0.0 | Chromium | 3.31E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO14 | 11/18/1993 | 0.0 | Chromium | 3.10E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO14 | 11/18/1993 | 0.0 | Cobalt | 1.99E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Cobalt | 1.42E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Copper | 1.43E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Copper | 4.78E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Iron | 2.72E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Iron | 2.41E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Lead | 2.01E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Lead | 1.08E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Magnesium | 2.04E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO14 | 11/18/1993 | 0.0 | Magnesium | 1.70E+03 | | NS | NS | No Standard | No Standard | |
| DBASO14 | 11/18/1993 | 0.0 | Manganese | 1.71E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Manganese | 1.17E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Mercury | 3.40E-02 | D | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Mercury | 3.40E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Nickel | 2.58E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Potassium | 5.15E+02 | D | NS | NS | No Standard | No Standard | |
| DBASO14 | 11/18/1993 | 0.0 | Potassium | 4.01E+02 | | NS | NS | No Standard | No Standard | |
| DBASO14 | 11/18/1993 | 0.0 | Sodium | 2.09E+02 | D | NS | NS | No Standard | No Standard | |
| DBASO14 | 11/18/1993 | 0.0 | Sodium | 1.69E+02 | | NS | NS | No Standard | No Standard | |
| DBASO14 | 11/18/1993 | 0.0 | Vanadium | 7.61E+00 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Vanadium | 7.53E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Zinc | 1.62E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO14 | 11/18/1993 | 0.0 | Zinc | 1.03E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Arsenic | 1.23E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Barium | 8.57E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO15 | 11/18/1993 | 0.0 | Chromium | 5.37E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO15 | 11/18/1993 | 0.0 | Cobalt | 3.04E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Copper | 4.28E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Iron | 3.07E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Lead | 4.93E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Magnesium | 1.55E+03 | | NS | NS | No Standard | No Standard | |
| DBASO15 | 11/18/1993 | 0.0 | Manganese | 1.86E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Mercury | 3.80E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Nickel | 4.70E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Potassium | 1.08E+03 | | NS | NS | No Standard | No Standard | |
| DBASO15 | 11/18/1993 | 0.0 | Sodium | 1.84E+02 | | NS | NS | No Standard | No Standard | |
| DBASO15 | 11/18/1993 | 0.0 | Thallium | 2.15E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| DBASO15 | 11/18/1993 | 0.0 | Vanadium | 1.21E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |

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***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO15 | 11/18/1993 | 0.0 | Zinc | 2.60E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | 2,4,6-Trinitrotoluene | 6.00E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.41E+00 | | NS | NS | No Standard | No Standard | |
| DBASO16 | 11/17/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.07E+00 | | NS | NS | No Standard | No Standard | |
| DBASO16 | 11/17/1993 | 0.0 | Aluminum | 4.46E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Arsenic | 9.73E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Barium | 5.24E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Beryllium | 1.44E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Cadmium | 8.92E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Calcium | 3.90E+03 | | NS | NS | No Standard | No Standard | |
| DBASO16 | 11/17/1993 | 0.0 | Chromium | 2.20E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO16 | 11/17/1993 | 0.0 | Cobalt | 9.06E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Copper | 3.15E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Iron | 3.82E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Lead | 6.13E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Magnesium | 5.17E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO16 | 11/17/1993 | 0.0 | Manganese | 1.12E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Mercury | 5.20E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Nickel | 1.69E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Potassium | 2.31E+03 | | NS | NS | No Standard | No Standard | |
| DBASO16 | 11/17/1993 | 0.0 | Sodium | 2.99E+02 | | NS | NS | No Standard | No Standard | |
| DBASO16 | 11/17/1993 | 0.0 | Vanadium | 2.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO16 | 11/17/1993 | 0.0 | Zinc | 6.51E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Arsenic | 1.10E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Barium | 5.82E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Beryllium | 1.20E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Cadmium | 2.50E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Calcium | 3.00E+03 | | NS | NS | No Standard | No Standard | |
| DBASO17 | 11/17/1993 | 0.0 | Chromium | 2.96E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO17 | 11/17/1993 | 0.0 | Cobalt | 8.13E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Copper | 4.65E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Lead | 6.83E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Magnesium | 1.81E+03 | | NS | NS | No Standard | No Standard | |
| DBASO17 | 11/17/1993 | 0.0 | Manganese | 5.12E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Mercury | 4.60E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Nickel | 2.21E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Potassium | 2.49E+03 | | NS | NS | No Standard | No Standard | |
| DBASO17 | 11/17/1993 | 0.0 | Sodium | 3.44E+02 | | NS | NS | No Standard | No Standard | |
| DBASO17 | 11/17/1993 | 0.0 | Vanadium | 2.32E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO17 | 11/17/1993 | 0.0 | Zinc | 1.17E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Aluminum | 3.72E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Antimony | 9.30E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| DBASO18 | 11/17/1993 | 0.0 | Arsenic | 1.93E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |

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***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO18 | 11/17/1993 | 0.0 | Barium | 2.81E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Beryllium | 1.10E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Calcium | 2.28E+03 | | NS | NS | No Standard | No Standard | |
| DBASO18 | 11/17/1993 | 0.0 | Chromium | 5.56E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO18 | 11/17/1993 | 0.0 | Cobalt | 1.69E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Copper | 1.57E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Iron | 3.02E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Lead | 6.60E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Magnesium | 5.17E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO18 | 11/17/1993 | 0.0 | Manganese | 7.46E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Mercury | 6.10E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Nickel | 2.47E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Potassium | 1.70E+03 | | NS | NS | No Standard | No Standard | |
| DBASO18 | 11/17/1993 | 0.0 | Sodium | 4.06E+02 | | NS | NS | No Standard | No Standard | |
| DBASO18 | 11/17/1993 | 0.0 | Vanadium | 2.21E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO18 | 11/17/1993 | 0.0 | Zinc | 9.58E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Arsenic | 9.02E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Barium | 5.70E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Beryllium | 1.13E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Cadmium | 7.48E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Calcium | 3.17E+03 | | NS | NS | No Standard | No Standard | |
| DBASO19 | 11/17/1993 | 0.0 | Chromium | 1.28E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO19 | 11/17/1993 | 0.0 | Cobalt | 6.08E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Copper | 7.20E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Iron | 4.30E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Lead | 4.73E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Magnesium | 2.32E+03 | | NS | NS | No Standard | No Standard | |
| DBASO19 | 11/17/1993 | 0.0 | Manganese | 6.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Mercury | 2.06E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Nickel | 1.07E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Potassium | 2.33E+03 | | NS | NS | No Standard | No Standard | |
| DBASO19 | 11/17/1993 | 0.0 | Sodium | 2.71E+02 | | NS | NS | No Standard | No Standard | |
| DBASO19 | 11/17/1993 | 0.0 | Vanadium | 2.07E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO19 | 11/17/1993 | 0.0 | Zinc | 1.52E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 3.40E-01 | | NS | NS | No Standard | No Standard | |
| DBASO20 | 11/17/1993 | 0.0 | Aluminum | 3.38E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | Arsenic | 9.17E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | Barium | 2.01E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | Cadmium | 6.07E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | Calcium | 4.76E+03 | | NS | NS | No Standard | No Standard | |
| DBASO20 | 11/17/1993 | 0.0 | Chromium | 7.87E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO20 | 11/17/1993 | 0.0 | Cobalt | 3.81E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | Copper | 6.11E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO20 | 11/17/1993 | 0.0 | Lead | 4.03E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | Magnesium | 3.59E+03 | | NS | NS | No Standard | No Standard | |
| DBASO20 | 11/17/1993 | 0.0 | Manganese | 3.17E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | Mercury | 2.98E-01 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | Nickel | 8.22E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | Potassium | 1.31E+03 | | NS | NS | No Standard | No Standard | |
| DBASO20 | 11/17/1993 | 0.0 | Sodium | 2.02E+02 | | NS | NS | No Standard | No Standard | |
| DBASO20 | 11/17/1993 | 0.0 | Vanadium | 1.51E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO20 | 11/17/1993 | 0.0 | Zinc | 9.47E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Aluminum | 2.51E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Arsenic | 1.93E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Barium | 7.57E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Calcium | 1.53E+03 | | NS | NS | No Standard | No Standard | |
| DBASO21 | 11/18/1993 | 0.0 | Chromium | 4.23E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO21 | 11/18/1993 | 0.0 | Cobalt | 6.84E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Copper | 1.93E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Iron | 3.61E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Lead | 5.78E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Magnesium | 1.68E+03 | | NS | NS | No Standard | No Standard | |
| DBASO21 | 11/18/1993 | 0.0 | Manganese | 1.94E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Mercury | 1.14E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Nickel | 4.01E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Potassium | 3.87E+02 | | NS | NS | No Standard | No Standard | |
| DBASO21 | 11/18/1993 | 0.0 | Sodium | 2.20E+02 | | NS | NS | No Standard | No Standard | |
| DBASO21 | 11/18/1993 | 0.0 | Vanadium | 6.24E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO21 | 11/18/1993 | 0.0 | Zinc | 4.56E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO22 | 11/18/1993 | 0.0 | Aluminum | 3.75E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO22 | 11/18/1993 | 0.0 | Arsenic | 5.09E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO22 | 11/18/1993 | 0.0 | Barium | 7.45E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO22 | 11/18/1993 | 0.0 | Calcium | 3.26E+03 | | NS | NS | No Standard | No Standard | |
| DBASO22 | 11/18/1993 | 0.0 | Chromium | 4.77E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO22 | 11/18/1993 | 0.0 | Cobalt | 2.32E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO22 | 11/18/1993 | 0.0 | Copper | 9.19E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO22 | 11/18/1993 | 0.0 | Iron | 4.98E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO22 | 11/18/1993 | 0.0 | Lead | 2.14E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO22 | 11/18/1993 | 0.0 | Magnesium | 8.50E+02 | | NS | NS | No Standard | No Standard | |
| DBASO22 | 11/18/1993 | 0.0 | Manganese | 1.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO22 | 11/18/1993 | 0.0 | Nickel | 3.87E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO22 | 11/18/1993 | 0.0 | Potassium | 8.54E+02 | | NS | NS | No Standard | No Standard | |
| DBASO22 | 11/18/1993 | 0.0 | Sodium | 1.41E+02 | | NS | NS | No Standard | No Standard | |
| DBASO22 | 11/18/1993 | 0.0 | Vanadium | 1.18E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO22 | 11/18/1993 | 0.0 | Zinc | 1.40E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO23 | 11/17/1993 | 0.0 | Aluminum | 3.84E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO23 | 11/17/1993 | 0.0 | Arsenic | 1.26E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO23 | 11/17/1993 | 0.0 | Barium | 6.04E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO23 | 11/17/1993 | 0.0 | Beryllium | 1.23E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO23 | 11/17/1993 | 0.0 | Calcium | 5.48E+03 | | NS | NS | No Standard | No Standard | |
| DBASO23 | 11/17/1993 | 0.0 | Chromium | 1.51E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO23 | 11/17/1993 | 0.0 | Cobalt | 5.81E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO23 | 11/17/1993 | 0.0 | Copper | 3.42E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO23 | 11/17/1993 | 0.0 | Iron | 2.84E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO23 | 11/17/1993 | 0.0 | Lead | 6.60E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO23 | 11/17/1993 | 0.0 | Magnesium | 5.15E+03 | | NS | NS | No Standard | No Standard | |
| DBASO23 | 11/17/1993 | 0.0 | Manganese | 5.51E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO23 | 11/17/1993 | 0.0 | Nickel | 8.07E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO23 | 11/17/1993 | 0.0 | Potassium | 1.77E+03 | | NS | NS | No Standard | No Standard | |
| DBASO23 | 11/17/1993 | 0.0 | Sodium | 2.87E+02 | | NS | NS | No Standard | No Standard | |
| DBASO23 | 11/17/1993 | 0.0 | Vanadium | 2.85E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO23 | 11/17/1993 | 0.0 | Zinc | 2.22E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Arsenic | 9.06E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Barium | 1.52E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Cadmium | 8.29E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Calcium | 3.73E+03 | | NS | NS | No Standard | No Standard | |
| DBASO24 | 11/17/1993 | 0.0 | Chromium | 8.52E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO24 | 11/17/1993 | 0.0 | Cobalt | 3.74E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Copper | 1.09E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Iron | 3.89E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Magnesium | 1.46E+03 | | NS | NS | No Standard | No Standard | |
| DBASO24 | 11/17/1993 | 0.0 | Manganese | 1.43E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Nickel | 6.54E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Potassium | 5.82E+02 | | NS | NS | No Standard | No Standard | |
| DBASO24 | 11/17/1993 | 0.0 | Sodium | 1.83E+02 | | NS | NS | No Standard | No Standard | |
| DBASO24 | 11/17/1993 | 0.0 | Vanadium | 1.44E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO24 | 11/17/1993 | 0.0 | Zinc | 2.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Aluminum | 2.40E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Arsenic | 1.11E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Barium | 4.79E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Beryllium | 8.09E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Calcium | 4.86E+03 | | NS | NS | No Standard | No Standard | |
| DBASO25 | 11/17/1993 | 0.0 | Chromium | 1.18E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO25 | 11/17/1993 | 0.0 | Cobalt | 4.94E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Copper | 1.08E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Iron | 1.87E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Lead | 9.16E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Magnesium | 3.92E+03 | | NS | NS | No Standard | No Standard | |
| DBASO25 | 11/17/1993 | 0.0 | Manganese | 4.83E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Mercury | 3.40E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Nickel | 8.60E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

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***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO25 | 11/17/1993 | 0.0 | Potassium | 1.18E+03 | | NS | NS | No Standard | No Standard | |
| DBASO25 | 11/17/1993 | 0.0 | Sodium | 2.33E+02 | | NS | NS | No Standard | No Standard | |
| DBASO25 | 11/17/1993 | 0.0 | Vanadium | 1.92E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO25 | 11/17/1993 | 0.0 | Zinc | 3.99E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Aluminum | 2.26E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Antimony | 1.12E+02 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| DBASO26 | 11/17/1993 | 0.0 | Arsenic | 8.93E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Barium | 7.25E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Beryllium | 8.78E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Calcium | 6.78E+02 | | NS | NS | No Standard | No Standard | |
| DBASO26 | 11/17/1993 | 0.0 | Chromium | 3.64E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO26 | 11/17/1993 | 0.0 | Cobalt | 2.02E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Copper | 1.07E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Iron | 3.26E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Magnesium | 1.51E+03 | | NS | NS | No Standard | No Standard | |
| DBASO26 | 11/17/1993 | 0.0 | Manganese | 9.30E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Nickel | 3.64E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Potassium | 1.78E+03 | | NS | NS | No Standard | No Standard | |
| DBASO26 | 11/17/1993 | 0.0 | Silver | 1.50E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| DBASO26 | 11/17/1993 | 0.0 | Sodium | 1.09E+03 | | NS | NS | No Standard | No Standard | |
| DBASO27 | 11/17/1993 | 0.0 | Aluminum | 1.64E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Arsenic | 8.17E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Barium | 3.05E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Cadmium | 6.70E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Calcium | 5.58E+03 | | NS | NS | No Standard | No Standard | |
| DBASO27 | 11/17/1993 | 0.0 | Chromium | 9.70E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO27 | 11/17/1993 | 0.0 | Cobalt | 4.77E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Copper | 1.11E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Iron | 2.48E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Lead | 9.42E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Magnesium | 3.26E+03 | | NS | NS | No Standard | No Standard | |
| DBASO27 | 11/17/1993 | 0.0 | Manganese | 3.51E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Mercury | 1.45E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Nickel | 9.31E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Potassium | 1.73E+03 | | NS | NS | No Standard | No Standard | |
| DBASO27 | 11/17/1993 | 0.0 | Sodium | 5.39E+02 | | NS | NS | No Standard | No Standard | |
| DBASO27 | 11/17/1993 | 0.0 | Vanadium | 1.52E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO27 | 11/17/1993 | 0.0 | Zinc | 7.94E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO28 | 11/17/1993 | 0.0 | Aluminum | 3.77E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO28 | 11/17/1993 | 0.0 | Arsenic | 1.35E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO28 | 11/17/1993 | 0.0 | Barium | 5.29E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO28 | 11/17/1993 | 0.0 | Calcium | 4.97E+03 | | NS | NS | No Standard | No Standard | |
| DBASO28 | 11/17/1993 | 0.0 | Chromium | 5.55E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO28 | 11/17/1993 | 0.0 | Cobalt | 1.83E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO28 | 11/17/1993 | 0.0 | Copper | 4.71E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO28 | 11/17/1993 | 0.0 | Iron | 4.29E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO28 | 11/17/1993 | 0.0 | Lead | 2.98E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO28 | 11/17/1993 | 0.0 | Magnesium | 1.12E+03 | | NS | NS | No Standard | No Standard | |
| DBASO28 | 11/17/1993 | 0.0 | Manganese | 1.30E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO28 | 11/17/1993 | 0.0 | Nickel | 3.73E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO28 | 11/17/1993 | 0.0 | Potassium | 8.47E+02 | | NS | NS | No Standard | No Standard | |
| DBASO28 | 11/17/1993 | 0.0 | Sodium | 1.53E+02 | | NS | NS | No Standard | No Standard | |
| DBASO28 | 11/17/1993 | 0.0 | Vanadium | 1.06E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO28 | 11/17/1993 | 0.0 | Zinc | 1.45E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO29 | 11/18/1993 | 0.0 | Aluminum | 3.03E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO29 | 11/18/1993 | 0.0 | Arsenic | 1.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO29 | 11/18/1993 | 0.0 | Barium | 5.98E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO29 | 11/18/1993 | 0.0 | Calcium | 5.07E+03 | | NS | NS | No Standard | No Standard | |
| DBASO29 | 11/18/1993 | 0.0 | Chromium | 2.83E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO29 | 11/18/1993 | 0.0 | Cobalt | 2.45E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO29 | 11/18/1993 | 0.0 | Copper | 3.03E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO29 | 11/18/1993 | 0.0 | Iron | 4.34E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO29 | 11/18/1993 | 0.0 | Lead | 1.96E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO29 | 11/18/1993 | 0.0 | Magnesium | 1.09E+03 | | NS | NS | No Standard | No Standard | |
| DBASO29 | 11/18/1993 | 0.0 | Manganese | 1.33E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO29 | 11/18/1993 | 0.0 | Nickel | 4.01E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO29 | 11/18/1993 | 0.0 | Potassium | 5.62E+02 | | NS | NS | No Standard | No Standard | |
| DBASO29 | 11/18/1993 | 0.0 | Sodium | 1.64E+02 | | NS | NS | No Standard | No Standard | |
| DBASO29 | 11/18/1993 | 0.0 | Vanadium | 1.42E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO29 | 11/18/1993 | 0.0 | Zinc | 1.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Aluminum | 3.44E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Arsenic | 3.27E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Barium | 4.14E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Beryllium | 1.43E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Calcium | 2.20E+03 | | NS | NS | No Standard | No Standard | |
| DBASO30 | 11/17/1993 | 0.0 | Chromium | 1.07E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO30 | 11/17/1993 | 0.0 | Cobalt | 4.66E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Copper | 2.92E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Iron | 2.42E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Lead | 6.15E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Magnesium | 3.99E+03 | | NS | NS | No Standard | No Standard | |
| DBASO30 | 11/17/1993 | 0.0 | Manganese | 3.60E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Nickel | 8.32E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Potassium | 1.60E+03 | | NS | NS | No Standard | No Standard | |
| DBASO30 | 11/17/1993 | 0.0 | Sodium | 2.01E+02 | | NS | NS | No Standard | No Standard | |
| DBASO30 | 11/17/1993 | 0.0 | Vanadium | 1.46E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO30 | 11/17/1993 | 0.0 | Zinc | 1.38E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO31 | 11/17/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO31 | 11/17/1993 | 0.0 | Arsenic | 1.01E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO31 | 11/17/1993 | 0.0 | Barium | 3.86E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO31 | 11/17/1993 | 0.0 | Beryllium | 1.15E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO31 | 11/17/1993 | 0.0 | Calcium | 3.98E+03 | | NS | NS | No Standard | No Standard | |
| DBASO31 | 11/17/1993 | 0.0 | Chromium | 1.34E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO31 | 11/17/1993 | 0.0 | Cobalt | 5.18E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO31 | 11/17/1993 | 0.0 | Copper | 1.04E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO31 | 11/17/1993 | 0.0 | Iron | 3.63E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO31 | 11/17/1993 | 0.0 | Lead | 8.78E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO31 | 11/17/1993 | 0.0 | Magnesium | 5.17E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO31 | 11/17/1993 | 0.0 | Manganese | 6.54E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO31 | 11/17/1993 | 0.0 | Nickel | 1.03E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO31 | 11/17/1993 | 0.0 | Potassium | 1.77E+03 | | NS | NS | No Standard | No Standard | |
| DBASO31 | 11/17/1993 | 0.0 | Sodium | 2.95E+02 | | NS | NS | No Standard | No Standard | |
| DBASO31 | 11/17/1993 | 0.0 | Vanadium | 2.82E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO31 | 11/17/1993 | 0.0 | Zinc | 2.62E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Aluminum | 3.96E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Arsenic | 1.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Barium | 3.36E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Cadmium | 1.89E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Calcium | 3.99E+03 | | NS | NS | No Standard | No Standard | |
| DBASO32 | 11/17/1993 | 0.0 | Chromium | 3.60E+02 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO32 | 11/17/1993 | 0.0 | Cobalt | 9.43E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Copper | 5.57E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Iron | 4.91E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Lead | 4.31E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Magnesium | 3.01E+03 | | NS | NS | No Standard | No Standard | |
| DBASO32 | 11/17/1993 | 0.0 | Manganese | 3.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Nickel | 1.51E+02 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Potassium | 1.34E+03 | | NS | NS | No Standard | No Standard | |
| DBASO32 | 11/17/1993 | 0.0 | Sodium | 3.51E+02 | | NS | NS | No Standard | No Standard | |
| DBASO32 | 11/17/1993 | 0.0 | Vanadium | 1.70E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO32 | 11/17/1993 | 0.0 | Zinc | 3.78E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO33 | 11/17/1993 | 0.0 | Aluminum | 4.48E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO33 | 11/17/1993 | 0.0 | Arsenic | 9.55E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO33 | 11/17/1993 | 0.0 | Barium | 9.20E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO33 | 11/17/1993 | 0.0 | Calcium | 3.90E+03 | | NS | NS | No Standard | No Standard | |
| DBASO33 | 11/17/1993 | 0.0 | Chromium | 5.92E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO33 | 11/17/1993 | 0.0 | Cobalt | 2.07E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO33 | 11/17/1993 | 0.0 | Copper | 4.76E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO33 | 11/17/1993 | 0.0 | Iron | 2.80E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO33 | 11/17/1993 | 0.0 | Lead | 3.31E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO33 | 11/17/1993 | 0.0 | Magnesium | 2.00E+03 | | NS | NS | No Standard | No Standard | |
| DBASO33 | 11/17/1993 | 0.0 | Manganese | 1.75E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO33 | 11/17/1993 | 0.0 | Nickel | 4.30E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO33 | 11/17/1993 | 0.0 | Potassium | 9.98E+02 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO33 | 11/17/1993 | 0.0 | Sodium | 2.46E+02 | | NS | NS | No Standard | No Standard | |
| DBASO33 | 11/17/1993 | 0.0 | Vanadium | 9.88E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO33 | 11/17/1993 | 0.0 | Zinc | 1.33E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO34 | 11/18/1993 | 0.0 | Aluminum | 3.78E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO34 | 11/18/1993 | 0.0 | Arsenic | 6.89E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO34 | 11/18/1993 | 0.0 | Barium | 1.58E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO34 | 11/18/1993 | 0.0 | Calcium | 3.96E+03 | | NS | NS | No Standard | No Standard | |
| DBASO34 | 11/18/1993 | 0.0 | Chromium | 8.26E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO34 | 11/18/1993 | 0.0 | Cobalt | 4.91E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO34 | 11/18/1993 | 0.0 | Copper | 1.52E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO34 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO34 | 11/18/1993 | 0.0 | Lead | 3.83E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO34 | 11/18/1993 | 0.0 | Magnesium | 3.11E+03 | | NS | NS | No Standard | No Standard | |
| DBASO34 | 11/18/1993 | 0.0 | Manganese | 3.30E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO34 | 11/18/1993 | 0.0 | Nickel | 1.14E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO34 | 11/18/1993 | 0.0 | Potassium | 2.41E+03 | | NS | NS | No Standard | No Standard | |
| DBASO34 | 11/18/1993 | 0.0 | Sodium | 3.45E+02 | | NS | NS | No Standard | No Standard | |
| DBASO34 | 11/18/1993 | 0.0 | Vanadium | 1.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO34 | 11/18/1993 | 0.0 | Zinc | 1.78E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO35 | 11/18/1993 | 0.0 | Aluminum | 2.74E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO35 | 11/18/1993 | 0.0 | Arsenic | 5.71E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO35 | 11/18/1993 | 0.0 | Barium | 3.88E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO35 | 11/18/1993 | 0.0 | Calcium | 4.16E+03 | | NS | NS | No Standard | No Standard | |
| DBASO35 | 11/18/1993 | 0.0 | Chromium | 3.18E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO35 | 11/18/1993 | 0.0 | Cobalt | 1.78E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO35 | 11/18/1993 | 0.0 | Copper | 3.13E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO35 | 11/18/1993 | 0.0 | Iron | 2.52E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO35 | 11/18/1993 | 0.0 | Lead | 2.59E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO35 | 11/18/1993 | 0.0 | Magnesium | 9.60E+02 | | NS | NS | No Standard | No Standard | |
| DBASO35 | 11/18/1993 | 0.0 | Manganese | 1.44E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO35 | 11/18/1993 | 0.0 | Nickel | 2.67E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO35 | 11/18/1993 | 0.0 | Potassium | 5.80E+02 | | NS | NS | No Standard | No Standard | |
| DBASO35 | 11/18/1993 | 0.0 | Sodium | 1.67E+02 | | NS | NS | No Standard | No Standard | |
| DBASO35 | 11/18/1993 | 0.0 | Vanadium | 6.16E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO35 | 11/18/1993 | 0.0 | Zinc | 1.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO36 | 11/17/1993 | 0.0 | Aluminum | 2.57E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO36 | 11/17/1993 | 0.0 | Arsenic | 8.74E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO36 | 11/17/1993 | 0.0 | Barium | 2.73E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO36 | 11/17/1993 | 0.0 | Beryllium | 8.99E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO36 | 11/17/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO36 | 11/17/1993 | 0.0 | Chromium | 5.89E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO36 | 11/17/1993 | 0.0 | Cobalt | 3.33E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO36 | 11/17/1993 | 0.0 | Copper | 3.83E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO36 | 11/17/1993 | 0.0 | Iron | 3.11E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO36 | 11/17/1993 | 0.0 | Lead | 5.85E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO36 | 11/17/1993 | 0.0 | Magnesium | 2.54E+03 | | NS | NS | No Standard | No Standard | |
| DBASO36 | 11/17/1993 | 0.0 | Manganese | 3.07E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO36 | 11/17/1993 | 0.0 | Nickel | 4.94E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO36 | 11/17/1993 | 0.0 | Potassium | 7.19E+02 | | NS | NS | No Standard | No Standard | |
| DBASO36 | 11/17/1993 | 0.0 | Sodium | 1.87E+02 | | NS | NS | No Standard | No Standard | |
| DBASO36 | 11/17/1993 | 0.0 | Vanadium | 1.01E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO36 | 11/17/1993 | 0.0 | Zinc | 1.16E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Aluminum | 2.32E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Arsenic | 1.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Barium | 3.05E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Beryllium | 8.58E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Cadmium | 2.35E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Calcium | 3.28E+03 | | NS | NS | No Standard | No Standard | |
| DBASO37 | 11/17/1993 | 0.0 | Chromium | 2.96E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO37 | 11/17/1993 | 0.0 | Cobalt | 4.89E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Copper | 5.52E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Iron | 2.30E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Lead | 4.51E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Magnesium | 3.68E+03 | | NS | NS | No Standard | No Standard | |
| DBASO37 | 11/17/1993 | 0.0 | Manganese | 4.11E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Nickel | 1.76E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Potassium | 1.83E+03 | | NS | NS | No Standard | No Standard | |
| DBASO37 | 11/17/1993 | 0.0 | Silver | 7.66E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Sodium | 3.21E+02 | | NS | NS | No Standard | No Standard | |
| DBASO37 | 11/17/1993 | 0.0 | Vanadium | 1.72E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO37 | 11/17/1993 | 0.0 | Zinc | 2.95E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Aluminum | 3.50E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Arsenic | 8.20E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Barium | 2.22E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Beryllium | 6.81E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Cadmium | 1.82E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Calcium | 3.77E+03 | | NS | NS | No Standard | No Standard | |
| DBASO38 | 11/17/1993 | 0.0 | Chromium | 2.68E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO38 | 11/17/1993 | 0.0 | Cobalt | 5.98E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Copper | 3.57E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Iron | 3.34E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Lead | 8.09E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Magnesium | 4.38E+03 | | NS | NS | No Standard | No Standard | |
| DBASO38 | 11/17/1993 | 0.0 | Manganese | 3.69E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Nickel | 1.43E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Potassium | 2.20E+03 | | NS | NS | No Standard | No Standard | |
| DBASO38 | 11/17/1993 | 0.0 | Silver | 1.71E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Sodium | 4.20E+02 | | NS | NS | No Standard | No Standard | |
| DBASO38 | 11/17/1993 | 0.0 | Vanadium | 2.13E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO38 | 11/17/1993 | 0.0 | Zinc | 2.75E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO39 | 11/17/1993 | 0.0 | Aluminum | 3.96E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Arsenic | 9.29E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Barium | 3.10E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Cadmium | 1.33E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Calcium | 4.51E+03 | | NS | NS | No Standard | No Standard | |
| DBASO39 | 11/17/1993 | 0.0 | Chromium | 1.54E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO39 | 11/17/1993 | 0.0 | Cobalt | 4.35E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Copper | 3.60E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Iron | 4.27E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Lead | 9.70E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Magnesium | 4.65E+03 | | NS | NS | No Standard | No Standard | |
| DBASO39 | 11/17/1993 | 0.0 | Manganese | 3.19E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Nickel | 1.18E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Potassium | 2.20E+03 | | NS | NS | No Standard | No Standard | |
| DBASO39 | 11/17/1993 | 0.0 | Silver | 7.58E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Sodium | 3.51E+02 | | NS | NS | No Standard | No Standard | |
| DBASO39 | 11/17/1993 | 0.0 | Vanadium | 1.79E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO39 | 11/17/1993 | 0.0 | Zinc | 2.47E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO40 | 11/18/1993 | 0.0 | Aluminum | 3.81E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO40 | 11/18/1993 | 0.0 | Arsenic | 1.37E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO40 | 11/18/1993 | 0.0 | Barium | 5.85E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO40 | 11/18/1993 | 0.0 | Calcium | 4.40E+03 | | NS | NS | No Standard | No Standard | |
| DBASO40 | 11/18/1993 | 0.0 | Chromium | 9.12E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO40 | 11/18/1993 | 0.0 | Cobalt | 6.08E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO40 | 11/18/1993 | 0.0 | Copper | 5.38E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO40 | 11/18/1993 | 0.0 | Iron | 3.29E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO40 | 11/18/1993 | 0.0 | Lead | 4.24E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO40 | 11/18/1993 | 0.0 | Magnesium | 4.63E+03 | | NS | NS | No Standard | No Standard | |
| DBASO40 | 11/18/1993 | 0.0 | Manganese | 3.50E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO40 | 11/18/1993 | 0.0 | Nickel | 1.30E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO40 | 11/18/1993 | 0.0 | Potassium | 1.82E+03 | | NS | NS | No Standard | No Standard | |
| DBASO40 | 11/18/1993 | 0.0 | Sodium | 3.88E+02 | | NS | NS | No Standard | No Standard | |
| DBASO40 | 11/18/1993 | 0.0 | Vanadium | 1.40E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO40 | 11/18/1993 | 0.0 | Zinc | 2.59E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Aluminum | 3.97E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Arsenic | 4.12E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Barium | 1.99E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Beryllium | 7.30E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Calcium | 4.33E+03 | | NS | NS | No Standard | No Standard | |
| DBASO41 | 11/17/1993 | 0.0 | Chromium | 1.24E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO41 | 11/17/1993 | 0.0 | Cobalt | 3.64E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Copper | 2.72E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Iron | 2.64E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Lead | 4.88E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Magnesium | 3.00E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO41 | 11/17/1993 | 0.0 | Manganese | 2.59E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Nickel | 9.08E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Potassium | 1.30E+03 | | NS | NS | No Standard | No Standard | |
| DBASO41 | 11/17/1993 | 0.0 | Sodium | 2.13E+02 | | NS | NS | No Standard | No Standard | |
| DBASO41 | 11/17/1993 | 0.0 | Vanadium | 1.28E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO41 | 11/17/1993 | 0.0 | Zinc | 1.72E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Aluminum | 3.87E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Arsenic | 6.94E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Barium | 4.00E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Beryllium | 1.07E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Cadmium | 1.28E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Calcium | 4.84E+03 | | NS | NS | No Standard | No Standard | |
| DBASO42 | 11/17/1993 | 0.0 | Chromium | 1.17E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO42 | 11/17/1993 | 0.0 | Cobalt | 4.05E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Copper | 1.59E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Iron | 3.15E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Magnesium | 4.19E+03 | | NS | NS | No Standard | No Standard | |
| DBASO42 | 11/17/1993 | 0.0 | Manganese | 6.04E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Nickel | 8.30E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Potassium | 1.44E+03 | | NS | NS | No Standard | No Standard | |
| DBASO42 | 11/17/1993 | 0.0 | Silver | 7.38E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Sodium | 5.68E+02 | | NS | NS | No Standard | No Standard | |
| DBASO42 | 11/17/1993 | 0.0 | Vanadium | 1.41E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO42 | 11/17/1993 | 0.0 | Zinc | 2.27E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | 2,4,6-Trinitrotoluene | 1.54E+00 | D | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.54E-01 | | NS | NS | No Standard | No Standard | |
| DBASO43 | 11/17/1993 | 0.0 | Aluminum | 3.10E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Aluminum | 3.69E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Arsenic | 9.73E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Arsenic | 1.13E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Barium | 2.03E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Barium | 2.12E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Cadmium | 1.91E+00 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Cadmium | 2.22E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Calcium | 4.62E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO43 | 11/17/1993 | 0.0 | Calcium | 5.22E+03 | | NS | NS | No Standard | No Standard | |
| DBASO43 | 11/17/1993 | 0.0 | Chromium | 8.31E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO43 | 11/17/1993 | 0.0 | Chromium | 1.17E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO43 | 11/17/1993 | 0.0 | Cobalt | 3.73E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Cobalt | 3.92E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Copper | 1.32E+02 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Copper | 2.10E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Iron | 4.76E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO43 | 11/17/1993 | 0.0 | Lead | 4.21E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Lead | 6.19E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Magnesium | 2.49E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO43 | 11/17/1993 | 0.0 | Magnesium | 2.81E+03 | | NS | NS | No Standard | No Standard | |
| DBASO43 | 11/17/1993 | 0.0 | Manganese | 3.53E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Manganese | 3.00E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Nickel | 7.12E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Nickel | 9.70E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Potassium | 1.40E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO43 | 11/17/1993 | 0.0 | Potassium | 1.57E+03 | | NS | NS | No Standard | No Standard | |
| DBASO43 | 11/17/1993 | 0.0 | Silver | 7.87E-01 | D | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Silver | 1.06E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Sodium | 2.32E+02 | D | NS | NS | No Standard | No Standard | |
| DBASO43 | 11/17/1993 | 0.0 | Sodium | 2.35E+02 | | NS | NS | No Standard | No Standard | |
| DBASO43 | 11/17/1993 | 0.0 | Vanadium | 1.60E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Vanadium | 1.72E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Zinc | 2.29E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO43 | 11/17/1993 | 0.0 | Zinc | 2.60E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 3.70E-01 | | NS | NS | No Standard | No Standard | |
| DBASO44 | 11/17/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.13E-01 | | NS | NS | No Standard | No Standard | |
| DBASO44 | 11/17/1993 | 0.0 | Aluminum | 2.38E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Arsenic | 1.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Barium | 1.79E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Beryllium | 7.06E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Cadmium | 1.11E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Calcium | 4.94E+03 | | NS | NS | No Standard | No Standard | |
| DBASO44 | 11/17/1993 | 0.0 | Chromium | 1.38E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO44 | 11/17/1993 | 0.0 | Cobalt | 4.84E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Copper | 1.12E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | HMX | 1.57E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Iron | 2.32E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Magnesium | 3.59E+03 | | NS | NS | No Standard | No Standard | |
| DBASO44 | 11/17/1993 | 0.0 | Manganese | 2.77E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Nickel | 9.43E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Potassium | 2.39E+03 | | NS | NS | No Standard | No Standard | |
| DBASO44 | 11/17/1993 | 0.0 | RDX | 4.14E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Sodium | 3.10E+02 | | NS | NS | No Standard | No Standard | |
| DBASO44 | 11/17/1993 | 0.0 | Vanadium | 2.33E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO44 | 11/17/1993 | 0.0 | Zinc | 3.36E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Aluminum | 3.80E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Arsenic | 6.70E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Barium | 8.31E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Cadmium | 7.07E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Calcium | 5.55E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO45 | 11/18/1993 | 0.0 | Chromium | 8.64E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO45 | 11/18/1993 | 0.0 | Cobalt | 2.08E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Copper | 1.44E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Iron | 4.65E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Lead | 2.89E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Magnesium | 1.39E+03 | | NS | NS | No Standard | No Standard | |
| DBASO45 | 11/18/1993 | 0.0 | Manganese | 1.84E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Nickel | 5.12E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Potassium | 1.00E+03 | | NS | NS | No Standard | No Standard | |
| DBASO45 | 11/18/1993 | 0.0 | Sodium | 1.80E+02 | | NS | NS | No Standard | No Standard | |
| DBASO45 | 11/18/1993 | 0.0 | Vanadium | 1.44E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO45 | 11/18/1993 | 0.0 | Zinc | 1.70E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Aluminum | 3.09E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Aluminum | 4.73E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Arsenic | 9.85E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Arsenic | 7.86E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Barium | 5.65E+01 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Barium | 5.74E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Calcium | 5.23E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO46 | 11/18/1993 | 0.0 | Calcium | 4.73E+03 | | NS | NS | No Standard | No Standard | |
| DBASO46 | 11/18/1993 | 0.0 | Chromium | 1.10E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO46 | 11/18/1993 | 0.0 | Chromium | 1.04E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO46 | 11/18/1993 | 0.0 | Cobalt | 3.35E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Cobalt | 3.04E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Copper | 9.22E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Copper | 1.32E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | DJ | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Iron | 3.93E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Lead | 4.67E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Lead | 3.38E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Magnesium | 4.54E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO46 | 11/18/1993 | 0.0 | Magnesium | 3.50E+03 | | NS | NS | No Standard | No Standard | |
| DBASO46 | 11/18/1993 | 0.0 | Manganese | 3.78E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Manganese | 3.34E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Nickel | 8.18E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Nickel | 8.74E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Potassium | 1.31E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO46 | 11/18/1993 | 0.0 | Potassium | 9.54E+02 | | NS | NS | No Standard | No Standard | |
| DBASO46 | 11/18/1993 | 0.0 | Sodium | 2.70E+02 | D | NS | NS | No Standard | No Standard | |
| DBASO46 | 11/18/1993 | 0.0 | Sodium | 2.65E+02 | | NS | NS | No Standard | No Standard | |
| DBASO46 | 11/18/1993 | 0.0 | Vanadium | 1.07E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Vanadium | 8.57E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Zinc | 1.83E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO46 | 11/18/1993 | 0.0 | Zinc | 1.66E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO47 | 11/17/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO47 | 11/17/1993 | 0.0 | Arsenic | 2.94E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO47 | 11/17/1993 | 0.0 | Barium | 7.90E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO47 | 11/17/1993 | 0.0 | Cadmium | 7.35E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO47 | 11/17/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO47 | 11/17/1993 | 0.0 | Chromium | 1.72E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO47 | 11/17/1993 | 0.0 | Cobalt | 2.27E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO47 | 11/17/1993 | 0.0 | Copper | 3.00E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO47 | 11/17/1993 | 0.0 | Iron | 4.53E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO47 | 11/17/1993 | 0.0 | Lead | 4.65E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO47 | 11/17/1993 | 0.0 | Magnesium | 1.54E+03 | | NS | NS | No Standard | No Standard | |
| DBASO47 | 11/17/1993 | 0.0 | Manganese | 1.34E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO47 | 11/17/1993 | 0.0 | Nickel | 1.00E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO47 | 11/17/1993 | 0.0 | Potassium | 2.53E+02 | | NS | NS | No Standard | No Standard | |
| DBASO47 | 11/17/1993 | 0.0 | Sodium | 2.10E+02 | | NS | NS | No Standard | No Standard | |
| DBASO47 | 11/17/1993 | 0.0 | Vanadium | 5.33E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO47 | 11/17/1993 | 0.0 | Zinc | 1.23E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO48 | 11/18/1993 | 0.0 | Aluminum | 5.05E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO48 | 11/18/1993 | 0.0 | Barium | 2.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO48 | 11/18/1993 | 0.0 | Calcium | 4.45E+03 | | NS | NS | No Standard | No Standard | |
| DBASO48 | 11/18/1993 | 0.0 | Chromium | 7.09E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO48 | 11/18/1993 | 0.0 | Cobalt | 3.45E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO48 | 11/18/1993 | 0.0 | Copper | 4.34E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO48 | 11/18/1993 | 0.0 | Iron | 4.26E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO48 | 11/18/1993 | 0.0 | Lead | 6.30E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO48 | 11/18/1993 | 0.0 | Magnesium | 3.65E+03 | | NS | NS | No Standard | No Standard | |
| DBASO48 | 11/18/1993 | 0.0 | Manganese | 5.25E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO48 | 11/18/1993 | 0.0 | Nickel | 6.12E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO48 | 11/18/1993 | 0.0 | Potassium | 1.51E+03 | | NS | NS | No Standard | No Standard | |
| DBASO48 | 11/18/1993 | 0.0 | Sodium | 2.06E+02 | | NS | NS | No Standard | No Standard | |
| DBASO48 | 11/18/1993 | 0.0 | Vanadium | 1.07E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO48 | 11/18/1993 | 0.0 | Zinc | 1.37E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO49 | 11/18/1993 | 0.0 | Aluminum | 3.82E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO49 | 11/18/1993 | 0.0 | Arsenic | 8.59E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO49 | 11/18/1993 | 0.0 | Barium | 2.11E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO49 | 11/18/1993 | 0.0 | Calcium | 5.58E+03 | | NS | NS | No Standard | No Standard | |
| DBASO49 | 11/18/1993 | 0.0 | Chromium | 9.64E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO49 | 11/18/1993 | 0.0 | Cobalt | 3.71E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO49 | 11/18/1993 | 0.0 | Copper | 7.49E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO49 | 11/18/1993 | 0.0 | Iron | 4.31E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO49 | 11/18/1993 | 0.0 | Lead | 4.40E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO49 | 11/18/1993 | 0.0 | Magnesium | 3.01E+03 | | NS | NS | No Standard | No Standard | |
| DBASO49 | 11/18/1993 | 0.0 | Manganese | 3.19E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO49 | 11/18/1993 | 0.0 | Nickel | 8.21E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO49 | 11/18/1993 | 0.0 | Potassium | 1.61E+03 | | NS | NS | No Standard | No Standard | |
| DBASO49 | 11/18/1993 | 0.0 | Sodium | 2.63E+02 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO49 | 11/18/1993 | 0.0 | Vanadium | 2.07E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO49 | 11/18/1993 | 0.0 | Zinc | 1.91E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Aluminum | 3.72E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Aluminum | 1.81E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Arsenic | 1.08E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Arsenic | 1.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Barium | 3.66E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Barium | 3.52E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Beryllium | 7.39E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Beryllium | 6.93E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | DJ | NS | NS | No Standard | No Standard | |
| DBASO50 | 11/18/1993 | 0.0 | Calcium | 5.31E+03 | | NS | NS | No Standard | No Standard | |
| DBASO50 | 11/18/1993 | 0.0 | Chromium | 1.96E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO50 | 11/18/1993 | 0.0 | Chromium | 1.45E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO50 | 11/18/1993 | 0.0 | Cobalt | 7.38E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Cobalt | 6.87E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Copper | 5.81E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Copper | 4.86E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Iron | 3.02E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Iron | 1.54E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Lead | 6.17E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Lead | 6.22E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Magnesium | 1.79E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO50 | 11/18/1993 | 0.0 | Magnesium | 9.06E+02 | | NS | NS | No Standard | No Standard | |
| DBASO50 | 11/18/1993 | 0.0 | Manganese | 5.37E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Manganese | 5.63E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Nickel | 1.54E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Nickel | 1.34E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Potassium | 3.99E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO50 | 11/18/1993 | 0.0 | Potassium | 3.42E+03 | | NS | NS | No Standard | No Standard | |
| DBASO50 | 11/18/1993 | 0.0 | Sodium | 1.37E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO50 | 11/18/1993 | 0.0 | Sodium | 1.47E+03 | | NS | NS | No Standard | No Standard | |
| DBASO50 | 11/18/1993 | 0.0 | Vanadium | 3.08E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Vanadium | 3.32E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Zinc | 2.41E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO50 | 11/18/1993 | 0.0 | Zinc | 2.19E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO51 | 11/18/1993 | 0.0 | Aluminum | 3.93E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO51 | 11/18/1993 | 0.0 | Arsenic | 1.42E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO51 | 11/18/1993 | 0.0 | Barium | 1.60E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO51 | 11/18/1993 | 0.0 | Calcium | 3.32E+03 | | NS | NS | No Standard | No Standard | |
| DBASO51 | 11/18/1993 | 0.0 | Chromium | 1.39E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO51 | 11/18/1993 | 0.0 | Cobalt | 3.72E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO51 | 11/18/1993 | 0.0 | Copper | 1.20E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO51 | 11/18/1993 | 0.0 | Iron | 4.39E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO51 | 11/18/1993 | 0.0 | Lead | 9.35E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO51 | 11/18/1993 | 0.0 | Magnesium | 3.96E+03 | | NS | NS | No Standard | No Standard | |
| DBASO51 | 11/18/1993 | 0.0 | Manganese | 2.17E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO51 | 11/18/1993 | 0.0 | Nickel | 8.94E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO51 | 11/18/1993 | 0.0 | Potassium | 2.30E+03 | | NS | NS | No Standard | No Standard | |
| DBASO51 | 11/18/1993 | 0.0 | Sodium | 2.72E+02 | | NS | NS | No Standard | No Standard | |
| DBASO51 | 11/18/1993 | 0.0 | Vanadium | 1.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO51 | 11/18/1993 | 0.0 | Zinc | 1.80E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO52 | 11/18/1993 | 0.0 | Aluminum | 3.77E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO52 | 11/18/1993 | 0.0 | Arsenic | 1.35E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO52 | 11/18/1993 | 0.0 | Barium | 7.11E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO52 | 11/18/1993 | 0.0 | Calcium | 5.55E+03 | | NS | NS | No Standard | No Standard | |
| DBASO52 | 11/18/1993 | 0.0 | Chromium | 9.01E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO52 | 11/18/1993 | 0.0 | Cobalt | 2.44E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO52 | 11/18/1993 | 0.0 | Copper | 2.51E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO52 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO52 | 11/18/1993 | 0.0 | Lead | 4.47E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO52 | 11/18/1993 | 0.0 | Magnesium | 1.12E+03 | | NS | NS | No Standard | No Standard | |
| DBASO52 | 11/18/1993 | 0.0 | Manganese | 1.49E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO52 | 11/18/1993 | 0.0 | Nickel | 5.61E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO52 | 11/18/1993 | 0.0 | Potassium | 8.63E+02 | | NS | NS | No Standard | No Standard | |
| DBASO52 | 11/18/1993 | 0.0 | Sodium | 2.04E+02 | | NS | NS | No Standard | No Standard | |
| DBASO52 | 11/18/1993 | 0.0 | Vanadium | 1.39E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO52 | 11/18/1993 | 0.0 | Zinc | 1.64E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Aluminum | 3.91E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Arsenic | 6.16E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Barium | 1.63E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Beryllium | 7.02E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Cadmium | 8.64E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Calcium | 4.43E+03 | | NS | NS | No Standard | No Standard | |
| DBASO53 | 11/17/1993 | 0.0 | Chromium | 8.73E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO53 | 11/17/1993 | 0.0 | Cobalt | 3.82E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Copper | 4.26E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Iron | 5.05E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Magnesium | 2.55E+03 | | NS | NS | No Standard | No Standard | |
| DBASO53 | 11/17/1993 | 0.0 | Manganese | 2.72E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Nickel | 1.50E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Potassium | 1.16E+03 | | NS | NS | No Standard | No Standard | |
| DBASO53 | 11/17/1993 | 0.0 | Sodium | 2.10E+02 | | NS | NS | No Standard | No Standard | |
| DBASO53 | 11/17/1993 | 0.0 | Vanadium | 1.77E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO53 | 11/17/1993 | 0.0 | Zinc | 1.93E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO55 | 11/18/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO55 | 11/18/1993 | 0.0 | Arsenic | 8.24E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO55 | 11/18/1993 | 0.0 | Barium | 1.46E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO55 | 11/18/1993 | 0.0 | Calcium | 5.26E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO55 | 11/18/1993 | 0.0 | Chromium | 7.16E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO55 | 11/18/1993 | 0.0 | Cobalt | 3.74E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO55 | 11/18/1993 | 0.0 | Copper | 5.28E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO55 | 11/18/1993 | 0.0 | Iron | 3.52E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO55 | 11/18/1993 | 0.0 | Lead | 5.26E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO55 | 11/18/1993 | 0.0 | Magnesium | 2.43E+03 | | NS | NS | No Standard | No Standard | |
| DBASO55 | 11/18/1993 | 0.0 | Manganese | 4.15E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO55 | 11/18/1993 | 0.0 | Nickel | 6.12E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO55 | 11/18/1993 | 0.0 | Potassium | 1.12E+03 | | NS | NS | No Standard | No Standard | |
| DBASO55 | 11/18/1993 | 0.0 | Sodium | 1.76E+02 | | NS | NS | No Standard | No Standard | |
| DBASO55 | 11/18/1993 | 0.0 | Vanadium | 1.49E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO55 | 11/18/1993 | 0.0 | Zinc | 1.67E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO56 | 11/18/1993 | 0.0 | Aluminum | 3.09E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO56 | 11/18/1993 | 0.0 | Arsenic | 7.34E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO56 | 11/18/1993 | 0.0 | Barium | 9.17E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO56 | 11/18/1993 | 0.0 | Calcium | 4.24E+03 | | NS | NS | No Standard | No Standard | |
| DBASO56 | 11/18/1993 | 0.0 | Chromium | 3.89E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO56 | 11/18/1993 | 0.0 | Cobalt | 1.99E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO56 | 11/18/1993 | 0.0 | Copper | 1.38E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO56 | 11/18/1993 | 0.0 | Iron | 3.08E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO56 | 11/18/1993 | 0.0 | Lead | 2.83E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO56 | 11/18/1993 | 0.0 | Magnesium | 2.41E+03 | | NS | NS | No Standard | No Standard | |
| DBASO56 | 11/18/1993 | 0.0 | Manganese | 1.66E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO56 | 11/18/1993 | 0.0 | Nickel | 3.77E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO56 | 11/18/1993 | 0.0 | Potassium | 7.04E+02 | | NS | NS | No Standard | No Standard | |
| DBASO56 | 11/18/1993 | 0.0 | Sodium | 2.05E+02 | | NS | NS | No Standard | No Standard | |
| DBASO56 | 11/18/1993 | 0.0 | Vanadium | 1.24E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO56 | 11/18/1993 | 0.0 | Zinc | 8.10E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Aluminum | 1.41E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Arsenic | 1.01E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Barium | 2.60E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Calcium | 2.05E+03 | | NS | NS | No Standard | No Standard | |
| DBASO57 | 11/18/1993 | 0.0 | Chromium | 8.36E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO57 | 11/18/1993 | 0.0 | Cobalt | 4.30E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Copper | 7.25E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Iron | 2.29E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Lead | 5.25E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Magnesium | 3.76E+03 | | NS | NS | No Standard | No Standard | |
| DBASO57 | 11/18/1993 | 0.0 | Manganese | 4.31E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Nickel | 6.78E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Potassium | 2.44E+03 | | NS | NS | No Standard | No Standard | |
| DBASO57 | 11/18/1993 | 0.0 | Sodium | 1.16E+03 | | NS | NS | No Standard | No Standard | |
| DBASO57 | 11/18/1993 | 0.0 | Thallium | 5.32E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Vanadium | 6.36E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO57 | 11/18/1993 | 0.0 | Zinc | 1.33E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO58 | 11/18/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO58 | 11/18/1993 | 0.0 | Arsenic | 7.62E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO58 | 11/18/1993 | 0.0 | Barium | 9.66E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO58 | 11/18/1993 | 0.0 | Calcium | 3.30E+03 | | NS | NS | No Standard | No Standard | |
| DBASO58 | 11/18/1993 | 0.0 | Chromium | 9.27E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO58 | 11/18/1993 | 0.0 | Cobalt | 3.07E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO58 | 11/18/1993 | 0.0 | Copper | 1.11E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO58 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO58 | 11/18/1993 | 0.0 | Lead | 5.27E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO58 | 11/18/1993 | 0.0 | Magnesium | 2.16E+03 | | NS | NS | No Standard | No Standard | |
| DBASO58 | 11/18/1993 | 0.0 | Manganese | 2.46E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO58 | 11/18/1993 | 0.0 | Nickel | 5.22E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO58 | 11/18/1993 | 0.0 | Potassium | 1.14E+03 | | NS | NS | No Standard | No Standard | |
| DBASO58 | 11/18/1993 | 0.0 | Sodium | 2.25E+02 | | NS | NS | No Standard | No Standard | |
| DBASO58 | 11/18/1993 | 0.0 | Vanadium | 1.52E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO58 | 11/18/1993 | 0.0 | Zinc | 2.49E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Aluminum | 3.54E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Aluminum | 5.00E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Arsenic | 7.96E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Arsenic | 8.63E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Barium | 2.74E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Barium | 2.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Beryllium | 7.55E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | DJ | NS | NS | No Standard | No Standard | |
| DBASO59 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO59 | 11/18/1993 | 0.0 | Chromium | 7.57E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO59 | 11/18/1993 | 0.0 | Chromium | 1.02E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO59 | 11/18/1993 | 0.0 | Cobalt | 3.92E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Cobalt | 3.84E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Copper | 5.93E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Copper | 3.83E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | DJ | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Iron | 3.57E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Lead | 7.21E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Lead | 8.23E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Magnesium | 2.47E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO59 | 11/18/1993 | 0.0 | Magnesium | 3.42E+03 | | NS | NS | No Standard | No Standard | |
| DBASO59 | 11/18/1993 | 0.0 | Manganese | 1.34E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Manganese | 1.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Nickel | 6.19E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Nickel | 8.14E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Potassium | 1.09E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO59 | 11/18/1993 | 0.0 | Potassium | 1.12E+03 | | NS | NS | No Standard | No Standard | |
| DBASO59 | 11/18/1993 | 0.0 | Sodium | 1.86E+02 | D | NS | NS | No Standard | No Standard | |
| DBASO59 | 11/18/1993 | 0.0 | Sodium | 2.54E+02 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO59 | 11/18/1993 | 0.0 | Vanadium | 1.35E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Vanadium | 2.41E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Zinc | 1.65E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO59 | 11/18/1993 | 0.0 | Zinc | 1.77E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Arsenic | 5.41E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Barium | 2.46E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Beryllium | 7.91E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Calcium | 3.21E+03 | | NS | NS | No Standard | No Standard | |
| DBASO60 | 11/18/1993 | 0.0 | Chromium | 1.10E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO60 | 11/18/1993 | 0.0 | Cobalt | 4.91E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Copper | 1.05E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Lead | 4.62E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Magnesium | 3.60E+03 | | NS | NS | No Standard | No Standard | |
| DBASO60 | 11/18/1993 | 0.0 | Manganese | 3.69E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Nickel | 8.48E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Potassium | 1.93E+03 | | NS | NS | No Standard | No Standard | |
| DBASO60 | 11/18/1993 | 0.0 | Sodium | 2.54E+02 | | NS | NS | No Standard | No Standard | |
| DBASO60 | 11/18/1993 | 0.0 | Vanadium | 2.10E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO60 | 11/18/1993 | 0.0 | Zinc | 2.06E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO61 | 11/18/1993 | 0.0 | Aluminum | 3.64E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO61 | 11/18/1993 | 0.0 | Arsenic | 8.16E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO61 | 11/18/1993 | 0.0 | Barium | 1.02E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO61 | 11/18/1993 | 0.0 | Calcium | 5.54E+03 | | NS | NS | No Standard | No Standard | |
| DBASO61 | 11/18/1993 | 0.0 | Chromium | 5.25E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO61 | 11/18/1993 | 0.0 | Cobalt | 2.40E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO61 | 11/18/1993 | 0.0 | Copper | 2.98E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO61 | 11/18/1993 | 0.0 | Iron | 3.27E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO61 | 11/18/1993 | 0.0 | Lead | 3.82E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO61 | 11/18/1993 | 0.0 | Magnesium | 2.32E+03 | | NS | NS | No Standard | No Standard | |
| DBASO61 | 11/18/1993 | 0.0 | Manganese | 2.05E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO61 | 11/18/1993 | 0.0 | Nickel | 4.45E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO61 | 11/18/1993 | 0.0 | Potassium | 1.08E+03 | | NS | NS | No Standard | No Standard | |
| DBASO61 | 11/18/1993 | 0.0 | Sodium | 1.52E+02 | | NS | NS | No Standard | No Standard | |
| DBASO61 | 11/18/1993 | 0.0 | Vanadium | 1.02E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO61 | 11/18/1993 | 0.0 | Zinc | 1.26E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO62 | 11/18/1993 | 0.0 | Aluminum | 3.70E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO62 | 11/18/1993 | 0.0 | Arsenic | 7.78E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO62 | 11/18/1993 | 0.0 | Barium | 3.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO62 | 11/18/1993 | 0.0 | Calcium | 3.03E+03 | | NS | NS | No Standard | No Standard | |
| DBASO62 | 11/18/1993 | 0.0 | Chromium | 1.36E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO62 | 11/18/1993 | 0.0 | Cobalt | 3.90E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO62 | 11/18/1993 | 0.0 | Copper | 2.73E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO62 | 11/18/1993 | 0.0 | Iron | 4.59E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO62 | 11/18/1993 | 0.0 | Lead | 6.87E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO62 | 11/18/1993 | 0.0 | Magnesium | 4.38E+03 | | NS | NS | No Standard | No Standard | |
| DBASO62 | 11/18/1993 | 0.0 | Manganese | 2.81E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO62 | 11/18/1993 | 0.0 | Nickel | 1.05E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO62 | 11/18/1993 | 0.0 | Potassium | 2.03E+03 | | NS | NS | No Standard | No Standard | |
| DBASO62 | 11/18/1993 | 0.0 | Sodium | 2.85E+02 | | NS | NS | No Standard | No Standard | |
| DBASO62 | 11/18/1993 | 0.0 | Vanadium | 2.03E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO62 | 11/18/1993 | 0.0 | Zinc | 2.31E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Aluminum | 3.57E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Arsenic | 1.17E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Barium | 1.24E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Beryllium | 6.87E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO63 | 11/18/1993 | 0.0 | Chromium | 1.23E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO63 | 11/18/1993 | 0.0 | Cobalt | 6.80E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Copper | 3.38E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Iron | 4.67E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Lead | 4.48E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Magnesium | 3.24E+03 | | NS | NS | No Standard | No Standard | |
| DBASO63 | 11/18/1993 | 0.0 | Manganese | 3.45E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Nickel | 1.52E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Potassium | 2.85E+03 | | NS | NS | No Standard | No Standard | |
| DBASO63 | 11/18/1993 | 0.0 | Sodium | 4.25E+02 | | NS | NS | No Standard | No Standard | |
| DBASO63 | 11/18/1993 | 0.0 | Vanadium | 1.50E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO63 | 11/18/1993 | 0.0 | Zinc | 2.53E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO64 | 11/18/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO64 | 11/18/1993 | 0.0 | Arsenic | 1.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO64 | 11/18/1993 | 0.0 | Barium | 2.60E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO64 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO64 | 11/18/1993 | 0.0 | Chromium | 1.02E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO64 | 11/18/1993 | 0.0 | Cobalt | 4.49E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO64 | 11/18/1993 | 0.0 | Copper | 3.19E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO64 | 11/18/1993 | 0.0 | Iron | 4.66E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO64 | 11/18/1993 | 0.0 | Lead | 6.80E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO64 | 11/18/1993 | 0.0 | Magnesium | 3.68E+03 | | NS | NS | No Standard | No Standard | |
| DBASO64 | 11/18/1993 | 0.0 | Manganese | 3.64E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO64 | 11/18/1993 | 0.0 | Nickel | 7.79E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO64 | 11/18/1993 | 0.0 | Potassium | 1.99E+03 | | NS | NS | No Standard | No Standard | |
| DBASO64 | 11/18/1993 | 0.0 | Sodium | 2.39E+02 | | NS | NS | No Standard | No Standard | |
| DBASO64 | 11/18/1993 | 0.0 | Vanadium | 2.03E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO64 | 11/18/1993 | 0.0 | Zinc | 1.93E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO65 | 11/18/1993 | 0.0 | Aluminum | 3.67E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO65 | 11/18/1993 | 0.0 | Arsenic | 6.00E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO65 | 11/18/1993 | 0.0 | Barium | 2.26E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO65 | 11/18/1993 | 0.0 | Calcium | 3.54E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO65 | 11/18/1993 | 0.0 | Chromium | 7.38E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO65 | 11/18/1993 | 0.0 | Cobalt | 3.01E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO65 | 11/18/1993 | 0.0 | Copper | 5.68E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO65 | 11/18/1993 | 0.0 | Iron | 4.00E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO65 | 11/18/1993 | 0.0 | Lead | 8.35E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO65 | 11/18/1993 | 0.0 | Magnesium | 2.07E+03 | | NS | NS | No Standard | No Standard | |
| DBASO65 | 11/18/1993 | 0.0 | Manganese | 4.33E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO65 | 11/18/1993 | 0.0 | Nickel | 5.72E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO65 | 11/18/1993 | 0.0 | Potassium | 2.10E+03 | | NS | NS | No Standard | No Standard | |
| DBASO65 | 11/18/1993 | 0.0 | Sodium | 1.49E+02 | | NS | NS | No Standard | No Standard | |
| DBASO65 | 11/18/1993 | 0.0 | Vanadium | 1.07E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO65 | 11/18/1993 | 0.0 | Zinc | 1.67E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO66 | 11/18/1993 | 0.0 | Aluminum | 3.96E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO66 | 11/18/1993 | 0.0 | Arsenic | 3.14E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO66 | 11/18/1993 | 0.0 | Barium | 1.33E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO66 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO66 | 11/18/1993 | 0.0 | Chromium | 8.11E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO66 | 11/18/1993 | 0.0 | Cobalt | 4.05E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO66 | 11/18/1993 | 0.0 | Copper | 4.55E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO66 | 11/18/1993 | 0.0 | Iron | 4.16E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO66 | 11/18/1993 | 0.0 | Lead | 3.78E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO66 | 11/18/1993 | 0.0 | Magnesium | 2.76E+03 | | NS | NS | No Standard | No Standard | |
| DBASO66 | 11/18/1993 | 0.0 | Manganese | 2.78E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO66 | 11/18/1993 | 0.0 | Nickel | 6.99E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO66 | 11/18/1993 | 0.0 | Potassium | 1.66E+03 | | NS | NS | No Standard | No Standard | |
| DBASO66 | 11/18/1993 | 0.0 | Sodium | 2.11E+02 | | NS | NS | No Standard | No Standard | |
| DBASO66 | 11/18/1993 | 0.0 | Vanadium | 1.63E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO66 | 11/18/1993 | 0.0 | Zinc | 1.68E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Aluminum | 4.11E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Arsenic | 5.30E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Arsenic | 5.85E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Barium | 3.56E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Barium | 2.94E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Calcium | 1.18E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO67 | 11/18/1993 | 0.0 | Calcium | 1.35E+03 | | NS | NS | No Standard | No Standard | |
| DBASO67 | 11/18/1993 | 0.0 | Chromium | 7.97E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO67 | 11/18/1993 | 0.0 | Chromium | 8.45E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO67 | 11/18/1993 | 0.0 | Cobalt | 4.51E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Cobalt | 5.45E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Copper | 9.38E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Copper | 9.46E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Iron | 4.18E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Iron | 4.27E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Lead | 4.91E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASO67 | 11/18/1993 | 0.0 | Lead | 5.41E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Magnesium | 4.61E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO67 | 11/18/1993 | 0.0 | Magnesium | 5.17E+03 | J | NS | NS | No Standard | No Standard | |
| DBASO67 | 11/18/1993 | 0.0 | Manganese | 4.88E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Manganese | 4.74E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Nickel | 8.34E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Nickel | 9.76E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Potassium | 2.15E+03 | D | NS | NS | No Standard | No Standard | |
| DBASO67 | 11/18/1993 | 0.0 | Potassium | 3.52E+03 | | NS | NS | No Standard | No Standard | |
| DBASO67 | 11/18/1993 | 0.0 | Sodium | 6.95E+02 | D | NS | NS | No Standard | No Standard | |
| DBASO67 | 11/18/1993 | 0.0 | Sodium | 1.22E+03 | | NS | NS | No Standard | No Standard | |
| DBASO67 | 11/18/1993 | 0.0 | Thallium | 3.43E-01 | D | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Thallium | 3.66E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Vanadium | 2.22E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Vanadium | 2.57E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Zinc | 1.07E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO67 | 11/18/1993 | 0.0 | Zinc | 1.31E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASO68 | 11/18/1993 | 0.0 | Aluminum | 3.11E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASO68 | 11/18/1993 | 0.0 | Arsenic | 9.44E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DBASO68 | 11/18/1993 | 0.0 | Barium | 6.82E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASO68 | 11/18/1993 | 0.0 | Calcium | 4.50E+03 | | NS | NS | No Standard | No Standard | |
| DBASO68 | 11/18/1993 | 0.0 | Chromium | 4.98E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASO68 | 11/18/1993 | 0.0 | Cobalt | 2.69E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASO68 | 11/18/1993 | 0.0 | Copper | 5.38E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASO68 | 11/18/1993 | 0.0 | Iron | 4.12E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASO68 | 11/18/1993 | 0.0 | Lead | 3.46E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASO68 | 11/18/1993 | 0.0 | Magnesium | 1.49E+03 | | NS | NS | No Standard | No Standard | |
| DBASO68 | 11/18/1993 | 0.0 | Manganese | 2.30E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASO68 | 11/18/1993 | 0.0 | Nickel | 4.53E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASO68 | 11/18/1993 | 0.0 | Potassium | 7.41E+02 | | NS | NS | No Standard | No Standard | |
| DBASO68 | 11/18/1993 | 0.0 | Sodium | 1.71E+02 | | NS | NS | No Standard | No Standard | |
| DBASO68 | 11/18/1993 | 0.0 | Vanadium | 1.12E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASO68 | 11/18/1993 | 0.0 | Zinc | 1.40E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC10SO01 | 11/18/1993 | 0.0 | Aluminum | 3.20E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC10SO01 | 11/18/1993 | 0.0 | Arsenic | 6.91E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC10SO01 | 11/18/1993 | 0.0 | Barium | 1.84E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC10SO01 | 11/18/1993 | 0.0 | Cadmium | 2.54E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC10SO01 | 11/18/1993 | 0.0 | Calcium | 2.65E+03 | | NS | NS | No Standard | No Standard | |
| DC10SO01 | 11/18/1993 | 0.0 | Chromium | 7.59E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC10SO01 | 11/18/1993 | 0.0 | Cobalt | 3.38E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC10SO01 | 11/18/1993 | 0.0 | Copper | 3.42E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC10SO01 | 11/18/1993 | 0.0 | Iron | 5.11E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC10SO01 | 11/18/1993 | 0.0 | Lead | 6.92E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC10SO01 | 11/18/1993 | 0.0 | Magnesium | 2.52E+03 | | NS | NS | No Standard | No Standard | |
| DC10SO01 | 11/18/1993 | 0.0 | Manganese | 2.81E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DC10SO01 | 11/18/1993 | 0.0 | Nickel | 1.16E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC10SO01 | 11/18/1993 | 0.0 | Potassium | 1.37E+03 | | NS | NS | No Standard | No Standard | |
| DC10SO01 | 11/18/1993 | 0.0 | Sodium | 2.16E+02 | | NS | NS | No Standard | No Standard | |
| DC10SO01 | 11/18/1993 | 0.0 | Vanadium | 1.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC10SO01 | 11/18/1993 | 0.0 | Zinc | 5.92E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Aluminum | 3.51E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Arsenic | 6.01E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Barium | 1.06E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Calcium | 4.76E+03 | | NS | NS | No Standard | No Standard | |
| DC10SO02 | 11/18/1993 | 0.0 | Chromium | 8.81E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC10SO02 | 11/18/1993 | 0.0 | Cobalt | 2.24E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Copper | 1.63E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Iron | 3.50E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Lead | 7.03E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Magnesium | 1.41E+03 | | NS | NS | No Standard | No Standard | |
| DC10SO02 | 11/18/1993 | 0.0 | Manganese | 2.02E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Mercury | 4.30E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Nickel | 6.00E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Potassium | 1.17E+03 | | NS | NS | No Standard | No Standard | |
| DC10SO02 | 11/18/1993 | 0.0 | Sodium | 1.47E+02 | | NS | NS | No Standard | No Standard | |
| DC10SO02 | 11/18/1993 | 0.0 | Vanadium | 8.44E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC10SO02 | 11/18/1993 | 0.0 | Zinc | 2.51E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Aluminum | 3.98E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Arsenic | 3.89E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Barium | 3.68E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Cadmium | 8.40E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Calcium | 2.70E+03 | | NS | NS | No Standard | No Standard | |
| DC11SO01 | 11/18/1993 | 0.0 | Chromium | 1.57E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC11SO01 | 11/18/1993 | 0.0 | Cobalt | 3.70E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Copper | 4.34E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Iron | 3.78E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Lead | 5.97E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Magnesium | 3.45E+03 | | NS | NS | No Standard | No Standard | |
| DC11SO01 | 11/18/1993 | 0.0 | Manganese | 1.85E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Nickel | 1.31E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Potassium | 1.52E+03 | | NS | NS | No Standard | No Standard | |
| DC11SO01 | 11/18/1993 | 0.0 | Sodium | 4.47E+02 | | NS | NS | No Standard | No Standard | |
| DC11SO01 | 11/18/1993 | 0.0 | Thallium | 2.04E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Vanadium | 2.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC11SO01 | 11/18/1993 | 0.0 | Zinc | 2.24E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC11SO02 | 11/18/1993 | 0.0 | Aluminum | 4.14E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC11SO02 | 11/18/1993 | 0.0 | Arsenic | 6.48E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC11SO02 | 11/18/1993 | 0.0 | Barium | 1.60E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC11SO02 | 11/18/1993 | 0.0 | Calcium | 5.12E+03 | | NS | NS | No Standard | No Standard | |
| DC11SO02 | 11/18/1993 | 0.0 | Chromium | 1.44E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DC11SO02 | 11/18/1993 | 0.0 | Cobalt | 3.72E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC11SO02 | 11/18/1993 | 0.0 | Copper | 2.30E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC11SO02 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC11SO02 | 11/18/1993 | 0.0 | Lead | 6.96E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC11SO02 | 11/18/1993 | 0.0 | Magnesium | 3.53E+03 | | NS | NS | No Standard | No Standard | |
| DC11SO02 | 11/18/1993 | 0.0 | Manganese | 2.39E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC11SO02 | 11/18/1993 | 0.0 | Nickel | 1.02E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC11SO02 | 11/18/1993 | 0.0 | Potassium | 2.34E+03 | | NS | NS | No Standard | No Standard | |
| DC11SO02 | 11/18/1993 | 0.0 | Sodium | 1.99E+02 | | NS | NS | No Standard | No Standard | |
| DC11SO02 | 11/18/1993 | 0.0 | Vanadium | 1.60E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC11SO02 | 11/18/1993 | 0.0 | Zinc | 2.43E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Aluminum | 2.13E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Arsenic | 6.38E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Barium | 5.57E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Beryllium | 1.35E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Cadmium | 4.17E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DC1SO01 | 11/18/1993 | 0.0 | Chromium | 2.23E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC1SO01 | 11/18/1993 | 0.0 | Cobalt | 7.72E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Copper | 3.39E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Iron | 2.00E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Magnesium | 3.75E+03 | | NS | NS | No Standard | No Standard | |
| DC1SO01 | 11/18/1993 | 0.0 | Manganese | 9.41E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Nickel | 1.66E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Potassium | 2.45E+03 | | NS | NS | No Standard | No Standard | |
| DC1SO01 | 11/18/1993 | 0.0 | RDX | 6.18E-01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Sodium | 5.10E+02 | | NS | NS | No Standard | No Standard | |
| DC1SO01 | 11/18/1993 | 0.0 | Vanadium | 2.39E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC1SO01 | 11/18/1993 | 0.0 | Zinc | 2.28E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Aluminum | 2.02E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Arsenic | 9.27E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Barium | 3.89E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Beryllium | 1.01E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Cadmium | 2.36E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DC1SO02 | 11/18/1993 | 0.0 | Chromium | 1.80E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC1SO02 | 11/18/1993 | 0.0 | Cobalt | 6.36E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Copper | 2.22E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Iron | 1.67E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Lead | 5.30E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Magnesium | 3.51E+03 | | NS | NS | No Standard | No Standard | |
| DC1SO02 | 11/18/1993 | 0.0 | Manganese | 8.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Mercury | 1.02E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Nickel | 1.19E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DC1SO02 | 11/18/1993 | 0.0 | Potassium | 2.37E+03 | | NS | NS | No Standard | No Standard | |
| DC1SO02 | 11/18/1993 | 0.0 | Sodium | 4.37E+02 | | NS | NS | No Standard | No Standard | |
| DC1SO02 | 11/18/1993 | 0.0 | Thallium | 2.06E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Vanadium | 1.95E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC1SO02 | 11/18/1993 | 0.0 | Zinc | 4.87E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 4.40E-01 | | NS | NS | No Standard | No Standard | |
| DC2SO01 | 11/18/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.68E-01 | | NS | NS | No Standard | No Standard | |
| DC2SO01 | 11/18/1993 | 0.0 | Aluminum | 1.91E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Arsenic | 7.44E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Barium | 8.61E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Beryllium | 1.09E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Cadmium | 2.05E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Calcium | 5.26E+03 | | NS | NS | No Standard | No Standard | |
| DC2SO01 | 11/18/1993 | 0.0 | Chromium | 1.74E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC2SO01 | 11/18/1993 | 0.0 | Cobalt | 6.13E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Copper | 2.20E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Magnesium | 5.17E+03 | J | NS | NS | No Standard | No Standard | |
| DC2SO01 | 11/18/1993 | 0.0 | Manganese | 6.46E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Mercury | 2.36E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Nickel | 1.52E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Potassium | 2.17E+03 | | NS | NS | No Standard | No Standard | |
| DC2SO01 | 11/18/1993 | 0.0 | Sodium | 5.03E+02 | | NS | NS | No Standard | No Standard | |
| DC2SO01 | 11/18/1993 | 0.0 | Thallium | 2.27E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Vanadium | 2.05E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC2SO01 | 11/18/1993 | 0.0 | Zinc | 5.68E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Antimony | 1.40E+02 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| DC2SO02 | 11/18/1993 | 0.0 | Arsenic | 6.54E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Barium | 3.17E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Beryllium | 7.35E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Cadmium | 5.91E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Calcium | 3.84E+03 | | NS | NS | No Standard | No Standard | |
| DC2SO02 | 11/18/1993 | 0.0 | Chromium | 3.77E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC2SO02 | 11/18/1993 | 0.0 | Cobalt | 2.36E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Copper | 2.38E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Iron | 2.13E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Lead | 8.30E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Magnesium | 3.70E+03 | | NS | NS | No Standard | No Standard | |
| DC2SO02 | 11/18/1993 | 0.0 | Manganese | 1.37E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Mercury | 3.40E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Nickel | 3.32E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC2SO02 | 11/18/1993 | 0.0 | Potassium | 9.75E+02 | | NS | NS | No Standard | No Standard | |
| DC2SO02 | 11/18/1993 | 0.0 | Sodium | 1.53E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DC2SO02 | 11/18/1993 | 0.0 | Zinc | 1.02E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC3SO01 | 11/18/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 6.22E-01 | | NS | NS | No Standard | No Standard | |
| DC3SO01 | 11/18/1993 | 0.0 | Aluminum | 1.82E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC3SO01 | 11/18/1993 | 0.0 | Antimony | 6.65E+02 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| DC3SO01 | 11/18/1993 | 0.0 | Arsenic | 4.90E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC3SO01 | 11/18/1993 | 0.0 | Barium | 2.32E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC3SO01 | 11/18/1993 | 0.0 | Calcium | 2.44E+03 | | NS | NS | No Standard | No Standard | |
| DC3SO01 | 11/18/1993 | 0.0 | Chromium | 6.93E+02 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC3SO01 | 11/18/1993 | 0.0 | Cobalt | 1.07E+02 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC3SO01 | 11/18/1993 | 0.0 | Copper | 4.95E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC3SO01 | 11/18/1993 | 0.0 | Iron | 5.00E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC3SO01 | 11/18/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC3SO01 | 11/18/1993 | 0.0 | Magnesium | 3.19E+03 | | NS | NS | No Standard | No Standard | |
| DC3SO01 | 11/18/1993 | 0.0 | Manganese | 5.25E+03 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | YES |
| DC3SO01 | 11/18/1993 | 0.0 | Mercury | 1.01E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| DC3SO01 | 11/18/1993 | 0.0 | Nickel | 4.66E+02 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC3SO01 | 11/18/1993 | 0.0 | Potassium | 6.03E+02 | | NS | NS | No Standard | No Standard | |
| DC3SO01 | 11/18/1993 | 0.0 | Sodium | 1.45E+03 | | NS | NS | No Standard | No Standard | |
| DC3SO01 | 11/18/1993 | 0.0 | Zinc | 2.12E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Arsenic | 7.57E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Barium | 5.01E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Beryllium | 1.02E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Cadmium | 2.13E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Calcium | 5.40E+03 | | NS | NS | No Standard | No Standard | |
| DC3SO02 | 11/18/1993 | 0.0 | Chromium | 1.18E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC3SO02 | 11/18/1993 | 0.0 | Cobalt | 4.44E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Copper | 1.49E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Iron | 4.86E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Magnesium | 3.98E+03 | | NS | NS | No Standard | No Standard | |
| DC3SO02 | 11/18/1993 | 0.0 | Manganese | 4.22E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Nickel | 1.32E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Potassium | 1.32E+03 | | NS | NS | No Standard | No Standard | |
| DC3SO02 | 11/18/1993 | 0.0 | Sodium | 3.05E+02 | | NS | NS | No Standard | No Standard | |
| DC3SO02 | 11/18/1993 | 0.0 | Vanadium | 1.13E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC3SO02 | 11/18/1993 | 0.0 | Zinc | 3.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Aluminum | 4.88E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Arsenic | 2.58E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Barium | 4.15E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Beryllium | 8.51E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Cadmium | 2.30E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Calcium | 4.77E+03 | | NS | NS | No Standard | No Standard | |
| DC4SO01 | 11/18/1993 | 0.0 | Chromium | 1.07E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC4SO01 | 11/18/1993 | 0.0 | Cobalt | 4.26E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DC4SO01 | 11/18/1993 | 0.0 | Copper | 2.31E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Lead | 4.38E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Magnesium | 3.78E+03 | | NS | NS | No Standard | No Standard | |
| DC4SO01 | 11/18/1993 | 0.0 | Manganese | 6.42E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Nickel | 9.22E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Potassium | 1.35E+03 | | NS | NS | No Standard | No Standard | |
| DC4SO01 | 11/18/1993 | 0.0 | Silver | 1.14E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Sodium | 5.60E+02 | | NS | NS | No Standard | No Standard | |
| DC4SO01 | 11/18/1993 | 0.0 | Thallium | 2.57E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Vanadium | 1.37E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC4SO01 | 11/18/1993 | 0.0 | Zinc | 2.77E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Aluminum | 4.12E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Arsenic | 2.37E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Arsenic | 2.61E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Barium | 3.22E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Barium | 3.46E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Beryllium | 7.82E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Beryllium | 8.96E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Cadmium | 1.08E+00 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Cadmium | 7.36E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Calcium | 3.69E+03 | D | NS | NS | No Standard | No Standard | |
| DC4SO02 | 11/18/1993 | 0.0 | Calcium | 4.57E+03 | | NS | NS | No Standard | No Standard | |
| DC4SO02 | 11/18/1993 | 0.0 | Chromium | 5.88E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC4SO02 | 11/18/1993 | 0.0 | Chromium | 1.04E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC4SO02 | 11/18/1993 | 0.0 | Cobalt | 3.48E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Cobalt | 4.10E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Copper | 7.46E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Copper | 1.13E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Iron | 3.20E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Iron | 4.54E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Lead | 6.54E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Lead | 7.29E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Magnesium | 3.34E+03 | D | NS | NS | No Standard | No Standard | |
| DC4SO02 | 11/18/1993 | 0.0 | Magnesium | 3.92E+03 | | NS | NS | No Standard | No Standard | |
| DC4SO02 | 11/18/1993 | 0.0 | Manganese | 7.17E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Manganese | 5.91E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Nickel | 7.34E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Nickel | 8.69E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Potassium | 1.12E+03 | D | NS | NS | No Standard | No Standard | |
| DC4SO02 | 11/18/1993 | 0.0 | Potassium | 1.46E+03 | | NS | NS | No Standard | No Standard | |
| DC4SO02 | 11/18/1993 | 0.0 | Sodium | 3.29E+02 | D | NS | NS | No Standard | No Standard | |
| DC4SO02 | 11/18/1993 | 0.0 | Sodium | 3.43E+02 | | NS | NS | No Standard | No Standard | |
| DC4SO02 | 11/18/1993 | 0.0 | Thallium | 2.01E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DC4SO02 | 11/18/1993 | 0.0 | Vanadium | 9.03E+00 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Vanadium | 1.14E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Zinc | 1.38E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC4SO02 | 11/18/1993 | 0.0 | Zinc | 1.56E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC5SO01 | 11/18/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC5SO01 | 11/18/1993 | 0.0 | Arsenic | 3.63E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC5SO01 | 11/18/1993 | 0.0 | Barium | 1.06E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC5SO01 | 11/18/1993 | 0.0 | Calcium | 2.91E+03 | | NS | NS | No Standard | No Standard | |
| DC5SO01 | 11/18/1993 | 0.0 | Chromium | 7.71E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC5SO01 | 11/18/1993 | 0.0 | Cobalt | 2.77E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC5SO01 | 11/18/1993 | 0.0 | Copper | 4.26E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC5SO01 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC5SO01 | 11/18/1993 | 0.0 | Lead | 2.98E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC5SO01 | 11/18/1993 | 0.0 | Magnesium | 2.35E+03 | | NS | NS | No Standard | No Standard | |
| DC5SO01 | 11/18/1993 | 0.0 | Manganese | 2.50E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC5SO01 | 11/18/1993 | 0.0 | Nickel | 5.71E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC5SO01 | 11/18/1993 | 0.0 | Potassium | 1.38E+03 | | NS | NS | No Standard | No Standard | |
| DC5SO01 | 11/18/1993 | 0.0 | Sodium | 2.08E+02 | | NS | NS | No Standard | No Standard | |
| DC5SO01 | 11/18/1993 | 0.0 | Vanadium | 1.18E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC5SO01 | 11/18/1993 | 0.0 | Zinc | 1.26E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Aluminum | 3.70E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Arsenic | 7.05E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Barium | 3.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Beryllium | 8.05E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Cadmium | 1.59E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Calcium | 4.13E+03 | | NS | NS | No Standard | No Standard | |
| DC5SO02 | 11/18/1993 | 0.0 | Chromium | 9.62E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC5SO02 | 11/18/1993 | 0.0 | Cobalt | 3.48E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Copper | 1.16E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Iron | 3.09E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Magnesium | 3.45E+03 | | NS | NS | No Standard | No Standard | |
| DC5SO02 | 11/18/1993 | 0.0 | Manganese | 1.00E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Nickel | 6.99E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Potassium | 2.96E+03 | | NS | NS | No Standard | No Standard | |
| DC5SO02 | 11/18/1993 | 0.0 | Sodium | 3.21E+02 | | NS | NS | No Standard | No Standard | |
| DC5SO02 | 11/18/1993 | 0.0 | Thallium | 2.30E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Vanadium | 1.45E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC5SO02 | 11/18/1993 | 0.0 | Zinc | 1.32E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Aluminum | 3.45E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Arsenic | 9.16E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Barium | 2.21E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Cadmium | 1.49E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Calcium | 4.86E+03 | | NS | NS | No Standard | No Standard | |
| DC6SO01 | 11/18/1993 | 0.0 | Chromium | 1.08E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DC6SO01 | 11/18/1993 | 0.0 | Cobalt | 4.28E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Copper | 1.18E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Lead | 8.67E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Magnesium | 2.94E+03 | | NS | NS | No Standard | No Standard | |
| DC6SO01 | 11/18/1993 | 0.0 | Manganese | 3.01E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Nickel | 9.84E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Potassium | 1.50E+03 | | NS | NS | No Standard | No Standard | |
| DC6SO01 | 11/18/1993 | 0.0 | Sodium | 2.07E+02 | | NS | NS | No Standard | No Standard | |
| DC6SO01 | 11/18/1993 | 0.0 | Vanadium | 1.88E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC6SO01 | 11/18/1993 | 0.0 | Zinc | 2.25E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 8.40E-01 | | NS | NS | No Standard | No Standard | |
| DC6SO02 | 11/18/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 6.78E-01 | | NS | NS | No Standard | No Standard | |
| DC6SO02 | 11/18/1993 | 0.0 | Aluminum | 2.17E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | Arsenic | 9.99E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | Barium | 1.47E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | Cadmium | 1.36E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| DC6SO02 | 11/18/1993 | 0.0 | Chromium | 1.11E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC6SO02 | 11/18/1993 | 0.0 | Cobalt | 4.08E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | Copper | 1.30E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | Iron | 2.82E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | Lead | 6.90E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | Magnesium | 2.34E+03 | | NS | NS | No Standard | No Standard | |
| DC6SO02 | 11/18/1993 | 0.0 | Manganese | 2.46E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | Nickel | 7.97E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | Potassium | 1.44E+03 | | NS | NS | No Standard | No Standard | |
| DC6SO02 | 11/18/1993 | 0.0 | Sodium | 2.04E+02 | | NS | NS | No Standard | No Standard | |
| DC6SO02 | 11/18/1993 | 0.0 | Vanadium | 1.95E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC6SO02 | 11/18/1993 | 0.0 | Zinc | 2.68E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Aluminum | 3.82E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Arsenic | 5.56E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Barium | 1.62E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Cadmium | 1.17E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Calcium | 4.20E+03 | | NS | NS | No Standard | No Standard | |
| DC7SO01 | 11/18/1993 | 0.0 | Chromium | 9.04E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC7SO01 | 11/18/1993 | 0.0 | Cobalt | 2.93E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Copper | 1.86E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Iron | 3.31E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Lead | 7.30E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Magnesium | 1.78E+03 | | NS | NS | No Standard | No Standard | |
| DC7SO01 | 11/18/1993 | 0.0 | Manganese | 3.96E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Nickel | 5.61E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Potassium | 9.93E+02 | | NS | NS | No Standard | No Standard | |
| DC7SO01 | 11/18/1993 | 0.0 | Sodium | 1.73E+02 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DC7SO01 | 11/18/1993 | 0.0 | Vanadium | 1.50E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC7SO01 | 11/18/1993 | 0.0 | Zinc | 1.63E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Aluminum | 3.15E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Arsenic | 3.69E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Barium | 1.53E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Cadmium | 1.65E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Calcium | 3.40E+03 | | NS | NS | No Standard | No Standard | |
| DC7SO02 | 11/18/1993 | 0.0 | Chromium | 1.11E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC7SO02 | 11/18/1993 | 0.0 | Cobalt | 3.35E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Copper | 1.26E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Lead | 4.25E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Magnesium | 3.17E+03 | | NS | NS | No Standard | No Standard | |
| DC7SO02 | 11/18/1993 | 0.0 | Manganese | 2.69E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Nickel | 8.10E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Potassium | 2.16E+03 | | NS | NS | No Standard | No Standard | |
| DC7SO02 | 11/18/1993 | 0.0 | Sodium | 2.09E+02 | | NS | NS | No Standard | No Standard | |
| DC7SO02 | 11/18/1993 | 0.0 | Vanadium | 1.38E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC7SO02 | 11/18/1993 | 0.0 | Zinc | 2.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Aluminum | 3.59E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Arsenic | 8.46E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Barium | 2.31E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Cadmium | 1.69E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Calcium | 5.01E+03 | | NS | NS | No Standard | No Standard | |
| DC8SO01 | 11/18/1993 | 0.0 | Chromium | 1.11E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC8SO01 | 11/18/1993 | 0.0 | Cobalt | 4.59E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Copper | 1.28E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Magnesium | 4.16E+03 | | NS | NS | No Standard | No Standard | |
| DC8SO01 | 11/18/1993 | 0.0 | Manganese | 3.93E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Nickel | 9.84E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Potassium | 2.06E+03 | | NS | NS | No Standard | No Standard | |
| DC8SO01 | 11/18/1993 | 0.0 | Sodium | 5.20E+02 | | NS | NS | No Standard | No Standard | |
| DC8SO01 | 11/18/1993 | 0.0 | Vanadium | 1.93E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC8SO01 | 11/18/1993 | 0.0 | Zinc | 3.18E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC8SO02 | 11/18/1993 | 0.0 | Aluminum | 3.30E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC8SO02 | 11/18/1993 | 0.0 | Arsenic | 1.00E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC8SO02 | 11/18/1993 | 0.0 | Barium | 2.15E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC8SO02 | 11/18/1993 | 0.0 | Cadmium | 8.53E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC8SO02 | 11/18/1993 | 0.0 | Calcium | 4.08E+03 | | NS | NS | No Standard | No Standard | |
| DC8SO02 | 11/18/1993 | 0.0 | Chromium | 7.16E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC8SO02 | 11/18/1993 | 0.0 | Cobalt | 3.35E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC8SO02 | 11/18/1993 | 0.0 | Copper | 6.13E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC8SO02 | 11/18/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DC8SO02 | 11/18/1993 | 0.0 | Lead | 8.27E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC8SO02 | 11/18/1993 | 0.0 | Magnesium | 3.35E+03 | | NS | NS | No Standard | No Standard | |
| DC8SO02 | 11/18/1993 | 0.0 | Manganese | 3.61E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC8SO02 | 11/18/1993 | 0.0 | Nickel | 7.68E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC8SO02 | 11/18/1993 | 0.0 | Potassium | 1.43E+03 | | NS | NS | No Standard | No Standard | |
| DC8SO02 | 11/18/1993 | 0.0 | Sodium | 3.41E+02 | | NS | NS | No Standard | No Standard | |
| DC8SO02 | 11/18/1993 | 0.0 | Vanadium | 1.75E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC8SO02 | 11/18/1993 | 0.0 | Zinc | 1.87E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Aluminum | 4.41E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Aluminum | 4.10E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Arsenic | 5.70E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Arsenic | 8.74E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Barium | 2.57E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Barium | 2.52E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Cadmium | 1.21E+00 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Calcium | 4.02E+03 | D | NS | NS | No Standard | No Standard | |
| DC9SO01 | 11/18/1993 | 0.0 | Calcium | 3.76E+03 | | NS | NS | No Standard | No Standard | |
| DC9SO01 | 11/18/1993 | 0.0 | Chromium | 1.29E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC9SO01 | 11/18/1993 | 0.0 | Chromium | 1.30E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC9SO01 | 11/18/1993 | 0.0 | Cobalt | 4.07E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Cobalt | 3.79E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Copper | 1.71E+02 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Copper | 1.64E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Iron | 3.91E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Iron | 3.96E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Lead | 8.76E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Magnesium | 4.36E+03 | D | NS | NS | No Standard | No Standard | |
| DC9SO01 | 11/18/1993 | 0.0 | Magnesium | 3.97E+03 | | NS | NS | No Standard | No Standard | |
| DC9SO01 | 11/18/1993 | 0.0 | Manganese | 3.21E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Manganese | 3.18E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Nickel | 1.06E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Nickel | 9.94E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Potassium | 1.81E+03 | D | NS | NS | No Standard | No Standard | |
| DC9SO01 | 11/18/1993 | 0.0 | Potassium | 1.74E+03 | | NS | NS | No Standard | No Standard | |
| DC9SO01 | 11/18/1993 | 0.0 | Sodium | 4.21E+02 | D | NS | NS | No Standard | No Standard | |
| DC9SO01 | 11/18/1993 | 0.0 | Sodium | 4.09E+02 | | NS | NS | No Standard | No Standard | |
| DC9SO01 | 11/18/1993 | 0.0 | Vanadium | 2.15E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Vanadium | 1.95E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Zinc | 2.29E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC9SO01 | 11/18/1993 | 0.0 | Zinc | 2.18E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DC9SO02 | 11/18/1993 | 0.0 | Aluminum | 3.41E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DC9SO02 | 11/18/1993 | 0.0 | Arsenic | 6.51E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| DC9SO02 | 11/18/1993 | 0.0 | Barium | 2.66E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DC9SO02 | 11/18/1993 | 0.0 | Cadmium | 8.03E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DC9SO02 | 11/18/1993 | 0.0 | Calcium | 3.56E+03 | | NS | NS | No Standard | No Standard | |
| DC9SO02 | 11/18/1993 | 0.0 | Chromium | 8.96E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DC9SO02 | 11/18/1993 | 0.0 | Cobalt | 3.34E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DC9SO02 | 11/18/1993 | 0.0 | Copper | 8.89E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DC9SO02 | 11/18/1993 | 0.0 | Iron | 4.57E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DC9SO02 | 11/18/1993 | 0.0 | Lead | 7.90E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DC9SO02 | 11/18/1993 | 0.0 | Magnesium | 3.40E+03 | | NS | NS | No Standard | No Standard | |
| DC9SO02 | 11/18/1993 | 0.0 | Manganese | 2.97E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DC9SO02 | 11/18/1993 | 0.0 | Nickel | 7.91E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DC9SO02 | 11/18/1993 | 0.0 | Potassium | 1.62E+03 | | NS | NS | No Standard | No Standard | |
| DC9SO02 | 11/18/1993 | 0.0 | Sodium | 4.63E+02 | | NS | NS | No Standard | No Standard | |
| DC9SO02 | 11/18/1993 | 0.0 | Vanadium | 1.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DC9SO02 | 11/18/1993 | 0.0 | Zinc | 1.88E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 8.96E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | 2,4-Dinitrotoluene | 9.21E+00 | | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Aluminum | 1.35E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Arsenic | 1.15E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Barium | 2.67E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Cadmium | 2.57E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Calcium | 4.60E+03 | | NS | NS | No Standard | No Standard | |
| RFSO01 | 11/19/1993 | 0.0 | Chromium | 1.35E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO01 | 11/19/1993 | 0.0 | Cobalt | 2.75E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Copper | 4.65E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | HMX | 2.06E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Iron | 4.37E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Lead | 8.50E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Magnesium | 2.02E+03 | | NS | NS | No Standard | No Standard | |
| RFSO01 | 11/19/1993 | 0.0 | Manganese | 3.48E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Nickel | 1.08E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Potassium | 1.89E+03 | | NS | NS | No Standard | No Standard | |
| RFSO01 | 11/19/1993 | 0.0 | RDX | 1.07E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Sodium | 2.54E+02 | | NS | NS | No Standard | No Standard | |
| RFSO01 | 11/19/1993 | 0.0 | Vanadium | 1.15E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO01 | 11/19/1993 | 0.0 | Zinc | 3.75E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 1.12E+01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | 2,4-Dinitrotoluene | 1.03E+01 | | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | 2,6-Dinitrotoluene | 3.71E+00 | | NS | 6.11E+01 | 6.11E+01 | Proposed | |
| RFSO02 | 11/19/1993 | 0.0 | Aluminum | 3.02E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Arsenic | 9.63E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Barium | 2.99E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Cadmium | 7.35E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Calcium | 4.42E+03 | | NS | NS | No Standard | No Standard | |
| RFSO02 | 11/19/1993 | 0.0 | Chromium | 1.02E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO02 | 11/19/1993 | 0.0 | Cobalt | 3.76E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Copper | 1.41E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO02 | 11/19/1993 | 0.0 | HMX | 7.92E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Iron | 2.30E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Magnesium | 2.58E+03 | | NS | NS | No Standard | No Standard | |
| RFSO02 | 11/19/1993 | 0.0 | Manganese | 3.71E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Nickel | 8.40E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Potassium | 1.24E+03 | | NS | NS | No Standard | No Standard | |
| RFSO02 | 11/19/1993 | 0.0 | RDX | 1.09E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Silver | 1.15E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Sodium | 2.56E+02 | | NS | NS | No Standard | No Standard | |
| RFSO02 | 11/19/1993 | 0.0 | Vanadium | 1.46E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO02 | 11/19/1993 | 0.0 | Zinc | 1.23E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Antimony | 8.99E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| RFSO03 | 11/19/1993 | 0.0 | Arsenic | 3.96E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Barium | 3.68E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Cadmium | 2.37E+02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| RFSO03 | 11/19/1993 | 0.0 | Calcium | 1.46E+03 | | NS | NS | No Standard | No Standard | |
| RFSO03 | 11/19/1993 | 0.0 | Chromium | 4.48E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO03 | 11/19/1993 | 0.0 | Cobalt | 1.55E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Copper | 2.19E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Lead | 6.45E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Magnesium | 1.74E+03 | | NS | NS | No Standard | No Standard | |
| RFSO03 | 11/19/1993 | 0.0 | Manganese | 1.31E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Nickel | 9.40E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Potassium | 1.62E+03 | | NS | NS | No Standard | No Standard | |
| RFSO03 | 11/19/1993 | 0.0 | RDX | 2.13E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Selenium | 2.46E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Silver | 1.08E+02 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Sodium | 4.35E+02 | | NS | NS | No Standard | No Standard | |
| RFSO03 | 11/19/1993 | 0.0 | Vanadium | 1.67E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO03 | 11/19/1993 | 0.0 | Zinc | 1.39E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO04 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 7.30E-01 | | NS | NS | No Standard | No Standard | |
| RFSO04 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 6.86E-01 | | NS | NS | No Standard | No Standard | |
| RFSO04 | 11/19/1993 | 0.0 | Aluminum | 3.09E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO04 | 11/19/1993 | 0.0 | Antimony | 5.78E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| RFSO04 | 11/19/1993 | 0.0 | Arsenic | 1.70E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO04 | 11/19/1993 | 0.0 | Barium | 2.55E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO04 | 11/19/1993 | 0.0 | Cadmium | 9.73E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| RFSO04 | 11/19/1993 | 0.0 | Calcium | 2.99E+03 | | NS | NS | No Standard | No Standard | |
| RFSO04 | 11/19/1993 | 0.0 | Chromium | 5.69E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO04 | 11/19/1993 | 0.0 | Cobalt | 1.10E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO04 | 11/19/1993 | 0.0 | Copper | 3.95E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | YES |
| RFSO04 | 11/19/1993 | 0.0 | Iron | 3.58E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO04 | 11/19/1993 | 0.0 | Lead | 5.73E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO04 | 11/19/1993 | 0.0 | Magnesium | 2.86E+03 | | NS | NS | No Standard | No Standard | |
| RFSO04 | 11/19/1993 | 0.0 | Manganese | 7.01E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO04 | 11/19/1993 | 0.0 | Nickel | 4.63E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO04 | 11/19/1993 | 0.0 | Nitrobenzene | 4.28E-01 | | 2.28E+01 | 1.97E+01 | 2.28E+01 | NMED Residential | |
| RFSO04 | 11/19/1993 | 0.0 | Potassium | 1.80E+03 | | NS | NS | No Standard | No Standard | |
| RFSO04 | 11/19/1993 | 0.0 | Silver | 1.00E+02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| RFSO04 | 11/19/1993 | 0.0 | Sodium | 4.12E+02 | | NS | NS | No Standard | No Standard | |
| RFSO04 | 11/19/1993 | 0.0 | Vanadium | 1.31E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO04 | 11/19/1993 | 0.0 | Zinc | 7.68E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO05 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 4.70E-01 | | NS | NS | No Standard | No Standard | |
| RFSO05 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.55E-01 | | NS | NS | No Standard | No Standard | |
| RFSO05 | 11/19/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO05 | 11/19/1993 | 0.0 | Arsenic | 8.75E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO05 | 11/19/1993 | 0.0 | Barium | 2.22E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO05 | 11/19/1993 | 0.0 | Calcium | 3.96E+03 | | NS | NS | No Standard | No Standard | |
| RFSO05 | 11/19/1993 | 0.0 | Chromium | 6.51E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO05 | 11/19/1993 | 0.0 | Cobalt | 2.83E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO05 | 11/19/1993 | 0.0 | Copper | 8.16E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO05 | 11/19/1993 | 0.0 | Iron | 4.66E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO05 | 11/19/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO05 | 11/19/1993 | 0.0 | Magnesium | 2.21E+03 | | NS | NS | No Standard | No Standard | |
| RFSO05 | 11/19/1993 | 0.0 | Manganese | 1.73E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO05 | 11/19/1993 | 0.0 | Nickel | 5.58E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO05 | 11/19/1993 | 0.0 | Potassium | 9.60E+02 | | NS | NS | No Standard | No Standard | |
| RFSO05 | 11/19/1993 | 0.0 | Sodium | 1.95E+02 | | NS | NS | No Standard | No Standard | |
| RFSO05 | 11/19/1993 | 0.0 | Vanadium | 1.19E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO05 | 11/19/1993 | 0.0 | Zinc | 5.99E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 7.18E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO06 | 11/19/1993 | 0.0 | 1,3-Dinitrobenzene | 1.08E+00 | | NS | 6.11E+00 | 6.11E+00 | Proposed | |
| RFSO06 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 6.83E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | 2,4-Dinitrotoluene | 1.10E+01 | J | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | 2,6-Dinitrotoluene | 8.88E+00 | | NS | 6.11E+01 | 6.11E+01 | Proposed | |
| RFSO06 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.00E+01 | J | NS | NS | No Standard | No Standard | |
| RFSO06 | 11/19/1993 | 0.0 | Aluminum | 3.21E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | Barium | 1.11E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | Cadmium | 1.73E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | Calcium | 1.00E+03 | | NS | NS | No Standard | No Standard | |
| RFSO06 | 11/19/1993 | 0.0 | Chromium | 3.79E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO06 | 11/19/1993 | 0.0 | Cobalt | 4.29E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | Copper | 9.15E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | HMX | 9.97E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | Lead | 7.40E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | Magnesium | 3.56E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO06 | 11/19/1993 | 0.0 | Manganese | 2.56E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | Nickel | 2.12E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | Potassium | 9.67E+02 | | NS | NS | No Standard | No Standard | |
| RFSO06 | 11/19/1993 | 0.0 | RDX | 9.16E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | Sodium | 4.06E+02 | | NS | NS | No Standard | No Standard | |
| RFSO06 | 11/19/1993 | 0.0 | Vanadium | 1.72E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO06 | 11/19/1993 | 0.0 | Zinc | 1.19E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 5.59E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO07 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 8.10E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.11E+00 | | NS | NS | No Standard | No Standard | |
| RFSO07 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.18E+00 | | NS | NS | No Standard | No Standard | |
| RFSO07 | 11/19/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | Barium | 9.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | Cadmium | 1.82E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | Calcium | 3.65E+03 | | NS | NS | No Standard | No Standard | |
| RFSO07 | 11/19/1993 | 0.0 | Chromium | 8.43E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO07 | 11/19/1993 | 0.0 | Cobalt | 3.50E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | Copper | 1.80E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | HMX | 1.10E+01 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | Iron | 4.49E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | Lead | 6.98E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | Magnesium | 8.73E+02 | | NS | NS | No Standard | No Standard | |
| RFSO07 | 11/19/1993 | 0.0 | Manganese | 3.56E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | Nickel | 8.00E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | Potassium | 9.38E+02 | | NS | NS | No Standard | No Standard | |
| RFSO07 | 11/19/1993 | 0.0 | RDX | 1.10E+01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | Sodium | 3.83E+02 | | NS | NS | No Standard | No Standard | |
| RFSO07 | 11/19/1993 | 0.0 | Vanadium | 1.83E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO07 | 11/19/1993 | 0.0 | Zinc | 1.16E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.17E+00 | | NS | NS | No Standard | No Standard | |
| RFSO08 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 6.79E-01 | | NS | NS | No Standard | No Standard | |
| RFSO08 | 11/19/1993 | 0.0 | Aluminum | 3.83E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Arsenic | 8.76E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Barium | 2.14E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Beryllium | 7.08E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Cadmium | 2.39E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Calcium | 4.21E+03 | | NS | NS | No Standard | No Standard | |
| RFSO08 | 11/19/1993 | 0.0 | Chromium | 1.54E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO08 | 11/19/1993 | 0.0 | Cobalt | 5.72E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Copper | 3.21E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | HMX | 1.16E+01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Iron | 3.77E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Lead | 5.20E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Magnesium | 2.29E+03 | | NS | NS | No Standard | No Standard | |
| RFSO08 | 11/19/1993 | 0.0 | Manganese | 5.06E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO08 | 11/19/1993 | 0.0 | Mercury | 3.40E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Nickel | 1.00E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Potassium | 1.96E+03 | | NS | NS | No Standard | No Standard | |
| RFSO08 | 11/19/1993 | 0.0 | RDX | 1.10E+01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Silver | 1.13E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Sodium | 2.94E+02 | | NS | NS | No Standard | No Standard | |
| RFSO08 | 11/19/1993 | 0.0 | Vanadium | 1.56E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO08 | 11/19/1993 | 0.0 | Zinc | 9.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Aluminum | 1.31E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Antimony | 8.47E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| RFSO09 | 11/19/1993 | 0.0 | Arsenic | 3.02E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Barium | 8.58E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Cadmium | 1.66E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| RFSO09 | 11/19/1993 | 0.0 | Chromium | 5.53E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO09 | 11/19/1993 | 0.0 | Cobalt | 3.13E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Copper | 1.18E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | HMX | 1.59E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Magnesium | 3.72E+03 | | NS | NS | No Standard | No Standard | |
| RFSO09 | 11/19/1993 | 0.0 | Manganese | 1.79E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Nickel | 2.16E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Sodium | 8.63E+02 | | NS | NS | No Standard | No Standard | |
| RFSO09 | 11/19/1993 | 0.0 | Thallium | 4.71E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Vanadium | 4.34E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO09 | 11/19/1993 | 0.0 | Zinc | 2.11E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 4.29E+00 | D | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 2.97E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 7.89E+00 | D | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 7.61E+00 | | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 5.03E+00 | D | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.97E+00 | | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | Aluminum | 1.77E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Aluminum | 4.03E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Arsenic | 9.26E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Arsenic | 1.45E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Barium | 2.48E+03 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Barium | 5.25E+03 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Cadmium | 3.21E+00 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Cadmium | 3.08E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Calcium | 5.57E+03 | D | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | Calcium | 3.14E+03 | | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | Chromium | 1.12E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO10 | 11/19/1993 | 0.0 | Chromium | 1.09E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO10 | 11/19/1993 | 0.0 | Cobalt | 4.20E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO10 | 11/19/1993 | 0.0 | Cobalt | 6.94E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Copper | 3.04E+02 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Copper | 2.67E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | HMX | 5.61E+00 | D | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | HMX | 4.96E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Iron | 4.98E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Iron | 2.27E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Lead | 7.40E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Lead | 5.58E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Magnesium | 1.83E+03 | D | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | Magnesium | 5.14E+03 | | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | Manganese | 3.80E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Manganese | 3.68E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Nickel | 7.32E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Nickel | 7.94E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Potassium | 8.52E+02 | D | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | Potassium | 9.50E+02 | | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | RDX | 2.09E+00 | D | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | RDX | 1.54E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Silver | 8.57E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Sodium | 6.49E+02 | D | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | Sodium | 5.55E+02 | | NS | NS | No Standard | No Standard | |
| RFSO10 | 11/19/1993 | 0.0 | Vanadium | 1.03E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Vanadium | 1.06E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Zinc | 2.74E+02 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO10 | 11/19/1993 | 0.0 | Zinc | 2.89E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Aluminum | 2.34E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Arsenic | 1.85E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Barium | 2.17E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Cadmium | 7.74E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| RFSO11 | 11/19/1993 | 0.0 | Chromium | 8.15E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO11 | 11/19/1993 | 0.0 | Cobalt | 3.51E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Copper | 9.63E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Iron | 2.64E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Lead | 4.43E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Magnesium | 2.55E+03 | | NS | NS | No Standard | No Standard | |
| RFSO11 | 11/19/1993 | 0.0 | Manganese | 2.52E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Nickel | 5.26E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Potassium | 1.75E+03 | | NS | NS | No Standard | No Standard | |
| RFSO11 | 11/19/1993 | 0.0 | RDX | 1.00E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Sodium | 2.08E+02 | | NS | NS | No Standard | No Standard | |
| RFSO11 | 11/19/1993 | 0.0 | Vanadium | 1.33E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO11 | 11/19/1993 | 0.0 | Zinc | 5.30E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 1.72E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO12 | 11/19/1993 | 0.0 | 1,3-Dinitrobenzene | 5.72E-01 | | NS | 6.11E+00 | 6.11E+00 | Proposed | |
| RFSO12 | 11/19/1993 | 0.0 | 2,4-Dinitrotoluene | 2.13E+00 | | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.00E+01 | J | NS | NS | No Standard | No Standard | |
| RFSO12 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 8.05E+00 | | NS | NS | No Standard | No Standard | |
| RFSO12 | 11/19/1993 | 0.0 | Aluminum | 4.28E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Arsenic | 5.77E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| RFSO12 | 11/19/1993 | 0.0 | Barium | 7.70E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Beryllium | 6.97E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Cadmium | 2.69E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Calcium | 2.45E+03 | | NS | NS | No Standard | No Standard | |
| RFSO12 | 11/19/1993 | 0.0 | Chromium | 1.86E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO12 | 11/19/1993 | 0.0 | Cobalt | 8.52E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Copper | 2.70E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | HMX | 6.80E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Iron | 4.12E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Lead | 3.83E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Magnesium | 3.30E+03 | | NS | NS | No Standard | No Standard | |
| RFSO12 | 11/19/1993 | 0.0 | Manganese | 4.34E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Mercury | 1.59E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Nickel | 1.92E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Potassium | 1.76E+03 | | NS | NS | No Standard | No Standard | |
| RFSO12 | 11/19/1993 | 0.0 | RDX | 1.08E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Sodium | 2.83E+02 | | NS | NS | No Standard | No Standard | |
| RFSO12 | 11/19/1993 | 0.0 | Thallium | 1.84E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Vanadium | 1.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO12 | 11/19/1993 | 0.0 | Zinc | 1.90E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 9.02E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO13 | 11/19/1993 | 0.0 | 1,3-Dinitrobenzene | 1.53E+00 | | NS | 6.11E+00 | 6.11E+00 | Proposed | |
| RFSO13 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 2.26E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.34E+00 | | NS | NS | No Standard | No Standard | |
| RFSO13 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.04E+00 | | NS | NS | No Standard | No Standard | |
| RFSO13 | 11/19/1993 | 0.0 | Aluminum | 4.56E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | Arsenic | 4.62E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| RFSO13 | 11/19/1993 | 0.0 | Barium | 3.35E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | Cadmium | 3.44E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | Calcium | 2.08E+03 | | NS | NS | No Standard | No Standard | |
| RFSO13 | 11/19/1993 | 0.0 | Chromium | 2.79E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO13 | 11/19/1993 | 0.0 | Cobalt | 1.06E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | Copper | 2.03E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | HMX | 3.81E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | Lead | 4.08E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | Magnesium | 3.20E+03 | | NS | NS | No Standard | No Standard | |
| RFSO13 | 11/19/1993 | 0.0 | Manganese | 6.30E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | Mercury | 2.32E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO13 | 11/19/1993 | 0.0 | Nickel | 3.24E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | Potassium | 2.56E+03 | | NS | NS | No Standard | No Standard | |
| RFSO13 | 11/19/1993 | 0.0 | RDX | 5.03E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | Sodium | 4.01E+02 | | NS | NS | No Standard | No Standard | |
| RFSO13 | 11/19/1993 | 0.0 | Vanadium | 1.52E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO13 | 11/19/1993 | 0.0 | Zinc | 4.52E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 1.06E+01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO14 | 11/19/1993 | 0.0 | 1,3-Dinitrobenzene | 1.12E+01 | J | NS | 6.11E+00 | 6.11E+00 | Proposed | YES |
| RFSO14 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 1.12E+01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | 2,4-Dinitrotoluene | 1.10E+01 | J | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.22E+00 | | NS | NS | No Standard | No Standard | |
| RFSO14 | 11/19/1993 | 0.0 | Aluminum | 1.91E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Arsenic | 8.85E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Barium | 3.12E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Beryllium | 8.35E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Calcium | 5.18E+03 | | NS | NS | No Standard | No Standard | |
| RFSO14 | 11/19/1993 | 0.0 | Chromium | 9.15E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO14 | 11/19/1993 | 0.0 | Cobalt | 5.47E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Copper | 8.23E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | HMX | 2.69E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Iron | 2.17E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Lead | 6.03E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Magnesium | 4.03E+03 | | NS | NS | No Standard | No Standard | |
| RFSO14 | 11/19/1993 | 0.0 | Manganese | 2.97E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Nickel | 7.38E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Potassium | 1.61E+03 | | NS | NS | No Standard | No Standard | |
| RFSO14 | 11/19/1993 | 0.0 | RDX | 9.18E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Sodium | 3.09E+02 | | NS | NS | No Standard | No Standard | |
| RFSO14 | 11/19/1993 | 0.0 | Thallium | 2.01E-01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Vanadium | 2.14E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO14 | 11/19/1993 | 0.0 | Zinc | 3.68E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 5.39E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO15 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 7.84E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 5.27E+00 | | NS | NS | No Standard | No Standard | |
| RFSO15 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.94E+00 | | NS | NS | No Standard | No Standard | |
| RFSO15 | 11/19/1993 | 0.0 | Aluminum | 1.77E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Arsenic | 1.39E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Barium | 4.18E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Beryllium | 6.99E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Cadmium | 1.51E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Calcium | 5.43E+03 | | NS | NS | No Standard | No Standard | |
| RFSO15 | 11/19/1993 | 0.0 | Chromium | 1.32E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO15 | 11/19/1993 | 0.0 | Cobalt | 7.36E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Copper | 9.73E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | HMX | 7.60E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO15 | 11/19/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Lead | 7.92E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Magnesium | 4.09E+03 | | NS | NS | No Standard | No Standard | |
| RFSO15 | 11/19/1993 | 0.0 | Manganese | 4.06E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Mercury | 4.30E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Nickel | 1.95E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Potassium | 1.48E+03 | | NS | NS | No Standard | No Standard | |
| RFSO15 | 11/19/1993 | 0.0 | RDX | 1.10E+01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Sodium | 3.26E+02 | | NS | NS | No Standard | No Standard | |
| RFSO15 | 11/19/1993 | 0.0 | Vanadium | 2.34E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO15 | 11/19/1993 | 0.0 | Zinc | 9.41E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 1.06E+01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO16 | 11/19/1993 | 0.0 | 1,3-Dinitrobenzene | 5.94E+00 | | NS | 6.11E+00 | 6.11E+00 | Proposed | |
| RFSO16 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 2.20E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | 2,4-Dinitrotoluene | 1.48E+00 | | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | 2,6-Dinitrotoluene | 2.37E+00 | | NS | 6.11E+01 | 6.11E+01 | Proposed | |
| RFSO16 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 8.31E-01 | | NS | NS | No Standard | No Standard | |
| RFSO16 | 11/19/1993 | 0.0 | Aluminum | 1.73E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Arsenic | 1.30E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Barium | 2.50E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Beryllium | 6.62E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Cadmium | 2.98E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Calcium | 5.30E+03 | | NS | NS | No Standard | No Standard | |
| RFSO16 | 11/19/1993 | 0.0 | Chromium | 8.44E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO16 | 11/19/1993 | 0.0 | Cobalt | 4.89E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Copper | 8.63E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | HMX | 1.33E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Iron | 1.97E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Lead | 6.07E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Magnesium | 3.68E+03 | | NS | NS | No Standard | No Standard | |
| RFSO16 | 11/19/1993 | 0.0 | Manganese | 2.67E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Nickel | 6.12E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Potassium | 1.69E+03 | | NS | NS | No Standard | No Standard | |
| RFSO16 | 11/19/1993 | 0.0 | RDX | 9.92E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Sodium | 3.73E+02 | | NS | NS | No Standard | No Standard | |
| RFSO16 | 11/19/1993 | 0.0 | Vanadium | 2.00E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO16 | 11/19/1993 | 0.0 | Zinc | 3.52E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 4.10E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO17 | 11/19/1993 | 0.0 | 1,3-Dinitrobenzene | 1.32E+00 | | NS | 6.11E+00 | 6.11E+00 | Proposed | |
| RFSO17 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 6.48E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 9.85E+00 | | NS | NS | No Standard | No Standard | |
| RFSO17 | 11/19/1993 | 0.0 | Aluminum | 4.01E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Arsenic | 1.15E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Barium | 6.46E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Beryllium | 7.81E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO17 | 11/19/1993 | 0.0 | Cadmium | 2.62E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Calcium | 2.35E+03 | | NS | NS | No Standard | No Standard | |
| RFSO17 | 11/19/1993 | 0.0 | Chromium | 3.61E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO17 | 11/19/1993 | 0.0 | Cobalt | 7.71E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Copper | 2.16E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | HMX | 6.92E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Iron | 1.69E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Lead | 4.92E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Magnesium | 4.24E+03 | | NS | NS | No Standard | No Standard | |
| RFSO17 | 11/19/1993 | 0.0 | Manganese | 5.09E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Mercury | 1.26E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Nickel | 3.67E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Potassium | 2.09E+03 | | NS | NS | No Standard | No Standard | |
| RFSO17 | 11/19/1993 | 0.0 | RDX | 1.04E+01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Sodium | 4.75E+02 | | NS | NS | No Standard | No Standard | |
| RFSO17 | 11/19/1993 | 0.0 | Vanadium | 2.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO17 | 11/19/1993 | 0.0 | Zinc | 1.34E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Aluminum | 3.11E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Arsenic | 5.42E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Barium | 4.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Cadmium | 2.01E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| RFSO18 | 11/19/1993 | 0.0 | Chromium | 6.08E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO18 | 11/19/1993 | 0.0 | Cobalt | 3.14E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Copper | 3.92E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Iron | 2.52E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Lead | 5.80E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Magnesium | 2.41E+03 | | NS | NS | No Standard | No Standard | |
| RFSO18 | 11/19/1993 | 0.0 | Manganese | 2.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Mercury | 1.12E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Nickel | 5.29E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Potassium | 1.22E+03 | | NS | NS | No Standard | No Standard | |
| RFSO18 | 11/19/1993 | 0.0 | Sodium | 2.05E+02 | | NS | NS | No Standard | No Standard | |
| RFSO18 | 11/19/1993 | 0.0 | Vanadium | 1.31E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO18 | 11/19/1993 | 0.0 | Zinc | 5.93E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 5.31E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO19 | 11/19/1993 | 0.0 | 1,3-Dinitrobenzene | 3.48E-01 | | NS | 6.11E+00 | 6.11E+00 | Proposed | |
| RFSO19 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 1.12E+01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 8.29E+00 | | NS | NS | No Standard | No Standard | |
| RFSO19 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 5.63E+00 | | NS | NS | No Standard | No Standard | |
| RFSO19 | 11/19/1993 | 0.0 | Aluminum | 1.45E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Arsenic | 9.88E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Barium | 5.96E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Cadmium | 1.73E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Calcium | 4.12E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO19 | 11/19/1993 | 0.0 | Chromium | 4.97E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO19 | 11/19/1993 | 0.0 | Cobalt | 4.18E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Copper | 3.49E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | HMX | 7.85E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Iron | 2.20E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Lead | 6.23E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Magnesium | 2.59E+03 | | NS | NS | No Standard | No Standard | |
| RFSO19 | 11/19/1993 | 0.0 | Manganese | 2.89E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Mercury | 1.12E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Nickel | 5.86E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Potassium | 1.04E+03 | | NS | NS | No Standard | No Standard | |
| RFSO19 | 11/19/1993 | 0.0 | RDX | 9.71E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Sodium | 1.97E+02 | | NS | NS | No Standard | No Standard | |
| RFSO19 | 11/19/1993 | 0.0 | Vanadium | 1.08E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO19 | 11/19/1993 | 0.0 | Zinc | 1.10E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO2 | 11/19/1993 | 0.0 | Zinc | 2.20E+02 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 1.39E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO20 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 4.43E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 7.15E-01 | | NS | NS | No Standard | No Standard | |
| RFSO20 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 1.14E+01 | | NS | NS | No Standard | No Standard | |
| RFSO20 | 11/19/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Arsenic | 7.29E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Barium | 3.63E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Cadmium | 2.45E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Calcium | 4.42E+03 | | NS | NS | No Standard | No Standard | |
| RFSO20 | 11/19/1993 | 0.0 | Chromium | 7.38E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO20 | 11/19/1993 | 0.0 | Cobalt | 3.27E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Copper | 1.25E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | HMX | 1.16E+01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Iron | 1.43E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Lead | 6.55E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Magnesium | 2.90E+03 | | NS | NS | No Standard | No Standard | |
| RFSO20 | 11/19/1993 | 0.0 | Manganese | 3.14E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Mercury | 9.88E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Nickel | 6.02E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Potassium | 1.96E+03 | | NS | NS | No Standard | No Standard | |
| RFSO20 | 11/19/1993 | 0.0 | RDX | 1.10E+01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Sodium | 2.06E+02 | | NS | NS | No Standard | No Standard | |
| RFSO20 | 11/19/1993 | 0.0 | Vanadium | 1.36E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO20 | 11/19/1993 | 0.0 | Zinc | 9.22E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 1.06E+01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO21 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 4.76E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 4.89E+00 | | NS | NS | No Standard | No Standard | |
| RFSO21 | 11/19/1993 | 0.0 | Aluminum | 1.86E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Arsenic | 1.40E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |

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***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO21 | 11/19/1993 | 0.0 | Barium | 6.85E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Cadmium | 1.50E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Calcium | 4.68E+03 | | NS | NS | No Standard | No Standard | |
| RFSO21 | 11/19/1993 | 0.0 | Chromium | 1.15E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO21 | 11/19/1993 | 0.0 | Cobalt | 5.73E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Copper | 2.71E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | HMX | 2.82E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Iron | 3.10E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Lead | 4.20E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Magnesium | 4.76E+03 | | NS | NS | No Standard | No Standard | |
| RFSO21 | 11/19/1993 | 0.0 | Manganese | 3.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Mercury | 1.08E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Nickel | 8.28E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Potassium | 1.50E+03 | | NS | NS | No Standard | No Standard | |
| RFSO21 | 11/19/1993 | 0.0 | RDX | 1.10E+01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Sodium | 2.48E+02 | | NS | NS | No Standard | No Standard | |
| RFSO21 | 11/19/1993 | 0.0 | Vanadium | 1.45E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO21 | 11/19/1993 | 0.0 | Zinc | 8.99E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 1.29E+00 | D | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO22 | 11/19/1993 | 0.0 | 1,3,5-Trinitrobenzene | 1.86E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| RFSO22 | 11/19/1993 | 0.0 | 1,3-Dinitrobenzene | 3.31E-01 | | NS | 6.11E+00 | 6.11E+00 | Proposed | |
| RFSO22 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 4.90E-01 | D | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 3.50E-01 | | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 7.73E-01 | D | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 5.51E-01 | | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | Aluminum | 3.82E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Aluminum | 3.54E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Arsenic | 9.43E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Arsenic | 4.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| RFSO22 | 11/19/1993 | 0.0 | Barium | 4.13E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Barium | 3.06E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Cadmium | 1.98E+01 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Cadmium | 2.01E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Calcium | 5.38E+03 | D | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | Calcium | 3.91E+03 | | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | Chromium | 2.88E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO22 | 11/19/1993 | 0.0 | Chromium | 2.49E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO22 | 11/19/1993 | 0.0 | Cobalt | 6.04E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Cobalt | 9.93E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Copper | 1.60E+02 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Copper | 1.82E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | HMX | 4.77E+00 | D | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | HMX | 4.40E+00 | | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Iron | 2.73E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Iron | 4.22E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO22 | 11/19/1993 | 0.0 | Lead | 7.40E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Lead | 6.48E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Magnesium | 4.53E+03 | D | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | Magnesium | 3.29E+03 | | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | Manganese | 4.94E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Manganese | 5.18E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Mercury | 1.82E-01 | D | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Mercury | 1.58E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Nickel | 1.45E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Nickel | 2.39E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Potassium | 2.24E+03 | D | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | Potassium | 1.77E+03 | | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | RDX | 9.90E+00 | D | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | RDX | 1.10E+01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Sodium | 4.40E+02 | D | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | Sodium | 4.81E+02 | | NS | NS | No Standard | No Standard | |
| RFSO22 | 11/19/1993 | 0.0 | Vanadium | 1.56E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Vanadium | 1.34E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO22 | 11/19/1993 | 0.0 | Zinc | 2.37E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.14E+00 | | NS | NS | No Standard | No Standard | |
| RFSO23 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 1.43E+00 | | NS | NS | No Standard | No Standard | |
| RFSO23 | 11/19/1993 | 0.0 | Aluminum | 1.38E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Arsenic | 1.22E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Barium | 5.18E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Cadmium | 2.28E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Calcium | 4.76E+03 | | NS | NS | No Standard | No Standard | |
| RFSO23 | 11/19/1993 | 0.0 | Chromium | 8.92E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO23 | 11/19/1993 | 0.0 | Cobalt | 3.50E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Copper | 7.01E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Iron | 1.87E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Lead | 4.73E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Magnesium | 3.16E+03 | | NS | NS | No Standard | No Standard | |
| RFSO23 | 11/19/1993 | 0.0 | Manganese | 3.54E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Mercury | 1.84E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Nickel | 6.41E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Potassium | 1.53E+03 | | NS | NS | No Standard | No Standard | |
| RFSO23 | 11/19/1993 | 0.0 | RDX | 9.36E-01 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Sodium | 1.95E+02 | | NS | NS | No Standard | No Standard | |
| RFSO23 | 11/19/1993 | 0.0 | Vanadium | 1.14E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO23 | 11/19/1993 | 0.0 | Zinc | 1.18E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 5.10E-01 | | NS | NS | No Standard | No Standard | |
| RFSO24 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 7.16E-01 | | NS | NS | No Standard | No Standard | |
| RFSO24 | 11/19/1993 | 0.0 | Aluminum | 3.83E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Arsenic | 1.35E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Barium | 5.51E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 4-4***
***Summary of Detected Constituents in Soil, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO24 | 11/19/1993 | 0.0 | Cadmium | 2.69E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Calcium | 4.34E+03 | | NS | NS | No Standard | No Standard | |
| RFSO24 | 11/19/1993 | 0.0 | Chromium | 8.75E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| RFSO24 | 11/19/1993 | 0.0 | Cobalt | 4.80E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Copper | 7.75E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Iron | 5.10E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Magnesium | 3.82E+03 | | NS | NS | No Standard | No Standard | |
| RFSO24 | 11/19/1993 | 0.0 | Manganese | 4.44E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Mercury | 1.56E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Nickel | 7.86E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Nitrobenzene | 8.42E-01 | | 2.28E+01 | 1.97E+01 | 2.28E+01 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Potassium | 2.00E+03 | | NS | NS | No Standard | No Standard | |
| RFSO24 | 11/19/1993 | 0.0 | Sodium | 3.02E+02 | | NS | NS | No Standard | No Standard | |
| RFSO24 | 11/19/1993 | 0.0 | Vanadium | 1.35E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| RFSO24 | 11/19/1993 | 0.0 | Zinc | 1.60E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

**Notes:**

mg/kg - milligrams per kilogram
NS - no standard
SSL - Soil Screening Level
MSSL - Medium Specific Screening Level
NMED - New Mexico Environment Department
USEPA - US Environmental Protection Agency
feet bgs - feet below ground surface
Proposed - Cleanup level proposed as described in Permit Attachment 7, Section 7.2.

**Flag Codes:**

D - Duplicate
J - Estimated Concentration

**Detonation Crater Nomenclature**

Soil samples collected from detonation craters in 1993 used a different numbering scheme than those collected in 1996:

| Current (1996) Name | Former (1993) Name |
|---|---|
| CDC01 | DC5 |
| CDC02 | DC4 |
| CDC03 | DC3 |
| CDC04 | DC2 |
| CDC05 | DC1 |
| CDC06 | DC11 |
| CDC07 | DC10 |
| CDC08 | (none) |
| CDC09 | DC9 |
| CDC10 | DC8 |
| CDC11 | DC6 |
| CDC12 | DC7 |

***Table 4-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CBK2001 | 7/26/2001 | 1.0 | Phosphorus | 1.61E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| CDC020419 | 8/26/1996 | 19.0 | Iron | 2.94E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC020520 | 8/27/1996 | 20.0 | Iron | 3.17E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC020915 | 8/27/1996 | 15.0 | Iron | 3.18E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC021215 | 8/27/1996 | 15.0 | Iron | 2.78E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC021915 | 8/28/1996 | 15.0 | Vanadium | 9.17E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CDC023315 | 8/28/1996 | 15.0 | Iron | 3.19E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC0410205 | 8/23/1996 | 5.0 | Arsenic | 5.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CDC0411415 | 8/23/1996 | 15.0 | Iron | 2.39E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC0411715 | 8/24/1996 | 15.0 | Iron | 2.97E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC0412415 | 8/26/1996 | 15.0 | Iron | 2.49E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC060210 | 8/17/1996 | 10.0 | Iron | 2.59E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC060815 | 8/19/1996 | 15.0 | Iron | 3.32E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC061015 | 8/19/1996 | 15.0 | 2,4,6-Trinitrotoluene | 9.04E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| CDC063015 | 8/20/1996 | 15.0 | Aluminum | 7.80E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CDC063015 | 8/20/1996 | 15.0 | Antimony | 5.48E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| CDC063015 | 8/20/1996 | 15.0 | Iron | 3.02E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC063015 | 8/20/1996 | 15.0 | Vanadium | 6.90E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CDC083715 | 8/20/1996 | 15.0 | Aluminum | 7.80E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CDC083715 | 8/20/1996 | 15.0 | Arsenic | 4.33E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CDC083715 | 8/20/1996 | 15.0 | Iron | 4.32E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC083715 | 8/20/1996 | 15.0 | Vanadium | 8.59E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CDC084015 | 8/20/1996 | 15.0 | Arsenic | 6.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CDC084015 | 8/20/1996 | 15.0 | Iron | 3.14E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC084015 | 8/20/1996 | 15.0 | Vanadium | 8.17E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CDC084205 | 8/20/1996 | 5.0 | Arsenic | 5.70E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CDC084205 | 8/20/1996 | 5.0 | Iron | 3.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC106815 | 8/21/1996 | 15.0 | Iron | 2.66E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CDC107915 | 8/22/1996 | 15.0 | Arsenic | 2.32E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW020310 | 8/1/1996 | 10.0 | Iron | 2.62E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW030101 | 8/9/1996 | 1.0 | Arsenic | 4.72E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW040520 | 8/2/1996 | 20.0 | Iron | 2.36E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW040520 | 8/2/1996 | 20.0 | Vanadium | 8.96E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW040625 | 8/2/1996 | 25.0 | Iron | 2.38E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW040940 | 8/2/1996 | 40.0 | Iron | 2.64E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041045 | 8/2/1996 | 45.0 | Iron | 2.55E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041150 | 8/2/1996 | 50.0 | Iron | 2.86E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041360 | 8/2/1996 | 60.0 | Vanadium | 1.52E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW041570 | 8/3/1996 | 70.0 | Iron | 3.20E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041675 | 8/3/1996 | 75.0 | Iron | 3.22E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041780 | 8/3/1996 | 80.0 | Iron | 3.16E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW041884 | 8/3/1996 | 84.0 | Iron | 3.10E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW060101 | 8/9/1996 | 1.0 | Iron | 2.47E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |

***Table 4-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW060415 | 8/9/1996 | 15.0 | Iron | 3.43E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW070835 | 8/10/1996 | 35.0 | Vanadium | 1.62E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW070940 | 8/10/1996 | 40.0 | Iron | 2.64E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW071045 | 8/10/1996 | 45.0 | Iron | 2.60E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW140520 | 8/5/1996 | 20.0 | Arsenic | 4.21E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW140625 | 8/5/1996 | 25.0 | Arsenic | 4.26E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW140625 | 8/5/1996 | 25.0 | Iron | 2.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW140730 | 8/5/1996 | 30.0 | Arsenic | 6.71E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW140730 | 8/5/1996 | 30.0 | Iron | 2.44E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW140835 | 8/5/1996 | 35.0 | Arsenic | 5.76E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW140835 | 8/5/1996 | 35.0 | Iron | 2.65E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW140940 | 8/5/1996 | 40.0 | Arsenic | 1.17E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW140940 | 8/5/1996 | 40.0 | Iron | 2.97E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW140940 | 8/5/1996 | 40.0 | Vanadium | 9.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW141045 | 8/5/1996 | 45.0 | Arsenic | 1.58E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW141045 | 8/5/1996 | 45.0 | Iron | 3.07E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW141045 | 8/5/1996 | 45.0 | Vanadium | 9.29E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW141150 | 8/5/1996 | 50.0 | Arsenic | 1.52E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW141150 | 8/5/1996 | 50.0 | Iron | 3.14E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW141150 | 8/5/1996 | 50.0 | Vanadium | 9.45E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW141255 | 8/5/1996 | 55.0 | Arsenic | 1.36E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW141255 | 8/5/1996 | 55.0 | Iron | 2.74E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW141360 | 8/6/1996 | 60.0 | Arsenic | 1.09E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW141360 | 8/6/1996 | 60.0 | Iron | 2.85E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW160101 | 8/29/1996 | 1.0 | Arsenic | 1.18E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW160101 | 8/29/1996 | 1.0 | Iron | 5.50E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW160205 | 8/29/1996 | 5.0 | Arsenic | 5.62E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW160205 | 8/29/1996 | 5.0 | Iron | 3.86E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW160310 | 8/29/1996 | 10.0 | Iron | 2.57E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170310 | 8/16/1996 | 10.0 | Arsenic | 3.99E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW170310 | 8/16/1996 | 10.0 | Iron | 2.69E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170310 | 8/16/1996 | 10.0 | Iron | 2.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170525 | 8/16/1996 | 25.0 | Iron | 2.45E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170630 | 8/16/1996 | 30.0 | Iron | 2.57E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170735 | 8/16/1996 | 35.0 | Arsenic | 5.04E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW170840 | 8/16/1996 | 40.0 | Arsenic | 6.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW170840 | 8/16/1996 | 40.0 | Iron | 3.08E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170945 | 8/16/1996 | 45.0 | Arsenic | 2.32E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW170945 | 8/16/1996 | 45.0 | Iron | 3.66E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW170945 | 8/16/1996 | 45.0 | Vanadium | 1.17E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW171052 | 8/17/1996 | 52.0 | Arsenic | 7.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW171052 | 8/17/1996 | 52.0 | Iron | 2.37E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW190415 | 8/27/1996 | 15.0 | Iron | 3.63E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |

***Table 4-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW190520 | 8/27/1996 | 20.0 | Iron | 3.81E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW190520 | 8/27/1996 | 20.0 | Vanadium | 8.72E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CMW190625 | 8/27/1996 | 25.0 | Iron | 3.64E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW190730 | 8/27/1996 | 30.0 | Iron | 3.49E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW190835 | 8/28/1996 | 35.0 | Iron | 3.29E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW190940 | 8/28/1996 | 40.0 | Iron | 3.69E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CMW210110 | 7/14/1998 | 10.0 | Arsenic | 4.10E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CMW210223 | 7/14/1998 | 23.0 | Iron | 3.48E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP1002102 | 9/16/1996 | 2.0 | Iron | 3.32E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP1002508 | 7/31/1996 | 8.0 | Arsenic | 4.96E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP1002508 | 7/31/1996 | 8.0 | Iron | 3.98E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP1002508 | 7/31/1996 | 8.0 | Vanadium | 1.44E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CRP1003310 | 9/18/1996 | 10.0 | Iron | 2.53E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP2010815 | 8/5/1996 | 15.0 | Iron | 2.43E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP3010211 | 8/2/1996 | 11.0 | Iron | 2.52E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP3010302 | 8/2/1996 | 2.0 | Iron | 2.49E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP7010612 | 9/12/1996 | 12.0 | Antimony | 6.77E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| CRP7010612 | 9/12/1996 | 12.0 | Arsenic | 4.70E+02 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP7010612 | 9/12/1996 | 12.0 | Iron | 2.58E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP7010612 | 9/12/1996 | 12.0 | Selenium | 4.70E+02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | YES |
| CRP7010612 | 9/12/1996 | 12.0 | Thallium | 4.80E+02 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | YES |
| CRP7010612 | 9/12/1996 | 12.0 | Vanadium | 1.38E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CRP7020416 | 9/14/1996 | 16.0 | Vanadium | 8.99E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| CRP7041219 | 9/16/1996 | 19.0 | Arsenic | 4.84E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP8070210 | 9/13/1996 | 10.0 | Iron | 3.65E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP8100315 | 9/13/1996 | 15.0 | Aluminum | 8.20E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| CRP8100315 | 9/13/1996 | 15.0 | Iron | 4.07E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP8110101 | 9/17/1996 | 1.0 | Arsenic | 4.27E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP8120205 | 9/17/1996 | 5.0 | Arsenic | 6.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| CRP8140205 | 9/19/1996 | 5.0 | Iron | 2.75E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CRP8150205 | 9/19/1996 | 5.0 | Iron | 2.39E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| DBASO18 | 11/17/1993 | 0.0 | Antimony | 9.30E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| DBASO26 | 11/17/1993 | 0.0 | Antimony | 1.12E+02 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| DC2SO02 | 11/18/1993 | 0.0 | Antimony | 1.40E+02 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| DC3SO01 | 11/18/1993 | 0.0 | Antimony | 6.65E+02 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| DC3SO01 | 11/18/1993 | 0.0 | Manganese | 5.25E+03 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | YES |
| RFSO03 | 11/19/1993 | 0.0 | Antimony | 8.99E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| RFSO03 | 11/19/1993 | 0.0 | Cadmium | 2.37E+02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| RFSO04 | 11/19/1993 | 0.0 | Antimony | 5.78E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| RFSO04 | 11/19/1993 | 0.0 | Cadmium | 9.73E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| RFSO04 | 11/19/1993 | 0.0 | Copper | 3.95E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | YES |
| RFSO09 | 11/19/1993 | 0.0 | Antimony | 8.47E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| RFSO12 | 11/19/1993 | 0.0 | Arsenic | 5.77E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 4-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| RFSO13 | 11/19/1993 | 0.0 | Arsenic | 4.62E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| RFSO14 | 11/19/1993 | 0.0 | 1,3-Dinitrobenzene | 1.12E+01 | J | NS | 6.11E+00 | 6.11E+00 | Proposed | YES |
| RFSO22 | 11/19/1993 | 0.0 | Arsenic | 4.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

**Notes:**

mg/kg - milligrams per kilogram
NS - no standard
SSL - Soil Screening Level
MSSL - Medium Specific Screening Level
NMED - New Mexico Environment Department
USEPA - US Environmental Protection Agency
feet bgs - feet below ground surface
Proposed - Cleanup level proposed as described in Permit Attachment 7, Section 7.2.

**Flag Codes:**

D - Duplicate
J - Estimated Concentration

**Detonation Crater Nomenclature**

Soil samples collected from detonation craters in 1993 used a different numbering scheme than those collected in 1996:

| Current (1996) Name | Former (1993) Name |
|---|---|
| CDC01 | DC5 |
| CDC02 | DC4 |
| CDC03 | DC3 |
| CDC04 | DC2 |
| CDC05 | DC1 |
| CDC06 | DC11 |
| CDC07 | DC10 |
| CDC08 | (none) |
| CDC09 | DC9 |
| CDC10 | DC8 |
| CDC11 | DC6 |
| CDC12 | DC7 |

***Table 4-6***
***Summary of Detected Constituents in Surface Water Samples, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | SPRG | BTSW02 | 5/27/1993 | 0.0 | 2,4,6-Trinitrotoluene | 1.42E+00 | UGL | J |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Aluminum | 7.00E+04 | UGL | |
| CSW | SPRG | BTSW02 | 5/27/1993 | 0.0 | Aluminum | 2.56E+02 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Arsenic | 8.60E+00 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Barium | 1.20E+03 | UGL | |
| CSW | SPRG | BTSW02 | 5/5/1993 | 0.0 | Barium | 1.28E+02 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Beryllium | 4.11E+00 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Cadmium | 1.31E+01 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Calcium | 1.80E+05 | UGL | |
| CSW | SPRG | BTSW02 | 5/5/1993 | 0.0 | Calcium | 1.30E+05 | UGL | |
| CSW | SPRG | BTSW02 | 5/27/1993 | 0.0 | Calcium | 1.20E+05 | UGL | |
| CSW | SPRG | BTSW02 | 5/5/1993 | 0.0 | Chloromethane | 1.50E+00 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Chromium | 4.01E+01 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Copper | 8.13E+01 | UGL | |
| CSW | SPRG | BTSW02 | 5/27/1993 | 0.0 | Copper | 2.79E+01 | UGL | |
| CSW | SPRG | BTSW02 | 5/5/1993 | 0.0 | HMX | 2.28E+00 | UGL | J |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Iron | 6.30E+04 | UGL | |
| CSW | SPRG | BTSW02 | 5/5/1993 | 0.0 | Iron | 7.21E+02 | UGL | |
| CSW | SPRG | BTSW02 | 5/27/1993 | 0.0 | Iron | 5.72E+02 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Lead | 6.17E+01 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Magnesium | 3.90E+04 | UGL | |
| CSW | SPRG | BTSW02 | 5/5/1993 | 0.0 | Magnesium | 2.43E+04 | UGL | |
| CSW | SPRG | BTSW02 | 5/27/1993 | 0.0 | Magnesium | 2.04E+04 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Manganese | 1.20E+03 | UGL | |
| CSW | SPRG | BTSW02 | 5/5/1993 | 0.0 | Manganese | 1.94E+02 | UGL | |
| CSW | SPRG | BTSW02 | 5/27/1993 | 0.0 | Manganese | 6.46E+02 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Nickel | 5.88E+01 | UGL | |
| CSW | SPRG | BTSW02 | 5/27/1993 | 0.0 | Nickel | 2.27E+01 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Nitrite, nitrate - nonspecific | 3.53E+01 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Phosphorus | 3.35E+02 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Potassium | 1.10E+04 | UGL | |
| CSW | SPRG | BTSW02 | 5/5/1993 | 0.0 | RDX | 1.80E+01 | UGL | |
| CSW | SPRG | BTSW02 | 5/27/1993 | 0.0 | RDX | 2.60E+00 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Selenium | 2.00E+00 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Sodium | 1.30E+05 | UGL | |
| CSW | SPRG | BTSW02 | 5/5/1993 | 0.0 | Sodium | 1.30E+05 | UGL | |

***Table 4-6***
***Summary of Detected Constituents in Surface Water Samples, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Vanadium | 1.62E+02 | UGL | |
| CSW | SPRG | BTSW02 | 12/7/1992 | 0.0 | Zinc | 2.80E+03 | UGL | |
| CSW | SPRG | BTSW02 | 5/5/1993 | 0.0 | Zinc | 4.71E+02 | UGL | |
| CSW | SPRG | BTSW02 | 5/27/1993 | 0.0 | Zinc | 1.30E+02 | UGL | |
| CSW | SPRG | BTSW03 | 5/5/1993 | 0.0 | Aluminum | 3.26E+02 | UGL | |
| CSW | SPRG | BTSW03 | 5/5/1993 | 0.0 | Barium | 3.69E+02 | UGL | |
| CSW | SPRG | BTSW03 | 5/5/1993 | 0.0 | Beryllium | 1.16E+00 | UGL | |
| CSW | SPRG | BTSW03 | 5/5/1993 | 0.0 | Calcium | 1.19E+05 | UGL | |
| CSW | SPRG | BTSW03 | 5/5/1993 | 0.0 | Iron | 1.30E+02 | UGL | |
| CSW | SPRG | BTSW03 | 5/5/1993 | 0.0 | Magnesium | 1.93E+04 | UGL | |
| CSW | SPRG | BTSW03 | 5/5/1993 | 0.0 | Manganese | 2.37E+01 | UGL | |
| CSW | SPRG | BTSW03 | 5/5/1993 | 0.0 | Phosphorus | 9.20E+01 | UGL | |
| CSW | SPRG | BTSW03 | 5/5/1993 | 0.0 | Potassium | 5.84E+03 | UGL | |
| CSW | SPRG | BTSW03 | 5/5/1993 | 0.0 | Sodium | 4.16E+04 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | 1,3-Dinitrobenzene | 1.37E-01 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Aluminum | 2.16E+04 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Arsenic | 1.22E+00 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Barium | 2.20E+02 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Beryllium | 8.16E-01 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Cadmium | 3.09E-01 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Calcium | 1.00E+04 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Chromium | 1.38E+01 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Cobalt | 5.27E+00 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Copper | 8.99E+00 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Hardness | 1.25E+05 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Iron | 1.30E+04 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Lead | 9.03E+00 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Magnesium | 4.79E+03 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Manganese | 6.15E+01 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Nickel | 1.19E+01 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Potassium | 5.89E+03 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Salinity | 3.86E+04 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Sodium | 3.60E+02 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Thallium | 1.57E-01 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Total dissolved solids | 8.40E+04 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Total suspended solids | 1.51E+06 | UGL | |
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Vanadium | 2.26E+01 | UGL | |

***Table 4-6***
***Summary of Detected Constituents in Surface Water Samples, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | STRM | CSW01 | 9/14/1996 | 0.0 | Zinc | 3.04E+01 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Aluminum | 2.92E+04 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Arsenic | 2.63E+00 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Barium | 3.50E+02 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Beryllium | 1.61E+00 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Cadmium | 2.93E-01 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Calcium | 3.97E+04 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Chromium | 2.48E+01 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Cobalt | 9.21E+00 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Copper | 1.62E+01 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Hardness | 1.60E+05 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Iron | 1.93E+04 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Lead | 1.38E+01 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Magnesium | 1.01E+04 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Manganese | 5.10E+02 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Nickel | 1.75E+01 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Potassium | 9.09E+03 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Salinity | 6.62E+04 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Sodium | 8.33E+02 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Thallium | 2.69E-01 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Total dissolved solids | 9.60E+04 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Total suspended solids | 1.19E+06 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Vanadium | 4.51E+01 | UGL | |
| CSW | STRM | CSW03 | 9/14/1996 | 0.0 | Zinc | 5.15E+01 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | 2,4,6-Trinitrotoluene | 3.38E+01 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.12E+00 | UGL | J |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.38E+00 | UGL | J |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Aluminum | 5.65E+04 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Antimony | 1.05E+00 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Arsenic | 3.03E+00 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Barium | 1.10E+03 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Beryllium | 1.64E+00 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Cadmium | 2.74E+00 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Calcium | 5.25E+04 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Chromium | 2.09E+01 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Cobalt | 9.43E+00 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Copper | 2.20E+02 | UGL | |

***Table 4-6***
***Summary of Detected Constituents in Surface Water Samples, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Hardness | 3.12E+05 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | HMX | 4.62E+00 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Iron | 3.69E+04 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Lead | 5.53E+01 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Magnesium | 1.63E+04 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Manganese | 8.40E+02 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Nickel | 2.27E+01 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Potassium | 1.37E+04 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | RDX | 1.92E+01 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Salinity | 4.30E+04 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Silver | 7.99E-01 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Sodium | 4.05E+03 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Thallium | 1.99E-01 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Total dissolved solids | 1.40E+05 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Total suspended solids | 2.48E+06 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Vanadium | 4.04E+01 | UGL | |
| CSW | STRM | CSW07 | 9/14/1996 | 0.0 | Zinc | 2.20E+02 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | 2,4,6-Trinitrotoluene | 2.50E+00 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.16E-01 | UGL | J |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Aluminum | 3.24E+05 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Antimony | 1.11E+00 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Arsenic | 3.62E+01 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Barium | 4.30E+03 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Beryllium | 1.31E+01 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Cadmium | 9.50E+00 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Calcium | 6.94E+05 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Chromium | 2.20E+02 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Cobalt | 8.06E+01 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Copper | 4.60E+02 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Hardness | 1.64E+05 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | HMX | 4.65E+00 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Iron | 2.09E+05 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Lead | 3.00E+02 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Magnesium | 1.25E+05 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Manganese | 6.00E+03 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Mercury | 2.91E+00 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Nickel | 1.89E+02 | UGL | |

***Table 4-6***
***Summary of Detected Constituents in Surface Water Samples, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Potassium | 7.44E+04 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | RDX | 2.87E+01 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Salinity | 1.94E+05 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Selenium | 9.46E+00 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Silver | 2.03E+00 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Sodium | 4.67E+04 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Thallium | 2.53E+00 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Total dissolved solids | 6.60E+05 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Total suspended solids | 2.21E+07 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Vanadium | 3.40E+02 | UGL | |
| CSW | STRM | CSW08 | 9/14/1996 | 0.0 | Zinc | 1.20E+03 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Aluminum | 4.40E+04 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Arsenic | 4.36E+00 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Barium | 3.90E+02 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Beryllium | 9.28E-01 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Cadmium | 8.91E-01 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Calcium | 7.45E+04 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Chromium | 1.04E+01 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Cobalt | 8.71E+00 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Copper | 4.20E+01 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Hardness | 1.16E+05 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Iron | 3.76E+04 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Lead | 1.64E+01 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Magnesium | 1.61E+04 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Manganese | 6.20E+02 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Nickel | 1.42E+01 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Potassium | 1.18E+04 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Salinity | 5.16E+04 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Silver | 1.69E-01 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Sodium | 5.56E+02 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Thallium | 1.42E-01 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Total dissolved solids | 7.40E+04 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Total suspended solids | 1.40E+06 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Vanadium | 4.22E+01 | UGL | |
| CSW | STRM | CSW10 | 9/14/1996 | 0.0 | Zinc | 8.28E+01 | UGL | |

**Notes:**

# *Table 4-6*
# *Summary of Detected Constituents in Surface Water Samples, OB/OD Unit*
# *Fort Wingate Depot Activity*
# *McKinley County, New Mexico*

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|

**Media Type:**
CDM - Contaminated Drum Material
CPT - Contaminated Plant Tissue
CSO - Contaminated Soil
CSW - Contaminated Surface Water
**Site Type:**
BIOL - Biological
DRUM - Drum
EXCV - Excavation
SPRG - Spring
STRM - Stream
**Units:**
PCT - Percent
UGG - micrograms per gram
UGL - microgram per Liter
**Flag Codes:**
D - Duplicate
J - Estimated Concentration

***Table 4-7***
***Summary of Detected Constituents in Sediment, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| ARYSO01 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 5.83E+00 | D | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | 2-Amino-4,6-dinitrotoluene | 4.37E+00 | D | NS | NS | No Standard | No Standard | |
| ARYSO01 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.76E+00 | D | NS | NS | No Standard | No Standard | |
| ARYSO01 | 11/19/1993 | 0.0 | Aluminum | 2.58E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Aluminum | 1.78E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Arsenic | 8.45E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Arsenic | 7.46E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Barium | 7.96E+01 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Barium | 5.95E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Calcium | 5.59E+03 | DJ | NS | NS | No Standard | No Standard | |
| ARYSO01 | 11/19/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| ARYSO01 | 11/19/1993 | 0.0 | Chromium | 4.37E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| ARYSO01 | 11/19/1993 | 0.0 | Chromium | 2.89E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| ARYSO01 | 11/19/1993 | 0.0 | Cobalt | 1.73E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Cobalt | 1.63E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Copper | 5.22E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Copper | 1.34E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | HMX | 7.82E+00 | D | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Iron | 3.50E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Iron | 2.60E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Lead | 2.22E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Lead | 1.83E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Magnesium | 9.62E+02 | D | NS | NS | No Standard | No Standard | |
| ARYSO01 | 11/19/1993 | 0.0 | Magnesium | 8.18E+02 | | NS | NS | No Standard | No Standard | |
| ARYSO01 | 11/19/1993 | 0.0 | Manganese | 3.14E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Manganese | 1.55E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Nickel | 2.90E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Potassium | 7.11E+02 | D | NS | NS | No Standard | No Standard | |
| ARYSO01 | 11/19/1993 | 0.0 | Potassium | 5.03E+02 | | NS | NS | No Standard | No Standard | |
| ARYSO01 | 11/19/1993 | 0.0 | RDX | 9.92E+00 | D | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Sodium | 1.53E+02 | D | NS | NS | No Standard | No Standard | |
| ARYSO01 | 11/19/1993 | 0.0 | Sodium | 1.30E+02 | | NS | NS | No Standard | No Standard | |
| ARYSO01 | 11/19/1993 | 0.0 | Vanadium | 1.07E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Vanadium | 8.00E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Zinc | 1.12E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| ARYSO01 | 11/19/1993 | 0.0 | Zinc | 1.08E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Aluminum | 4.27E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Arsenic | 6.76E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Barium | 1.13E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Cadmium | 1.05E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Calcium | 5.08E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO02 | 11/19/1993 | 0.0 | Chromium | 7.36E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| ARYSO02 | 11/19/1993 | 0.0 | Cobalt | 2.17E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-7***
***Summary of Detected Constituents in Sediment, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| ARYSO02 | 11/19/1993 | 0.0 | Copper | 6.01E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Lead | 8.06E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Magnesium | 1.88E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO02 | 11/19/1993 | 0.0 | Manganese | 1.86E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Mercury | 2.71E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Nickel | 3.62E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Potassium | 9.93E+02 | | NS | NS | No Standard | No Standard | |
| ARYSO02 | 11/19/1993 | 0.0 | Sodium | 1.95E+02 | | NS | NS | No Standard | No Standard | |
| ARYSO02 | 11/19/1993 | 0.0 | Vanadium | 9.81E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| ARYSO02 | 11/19/1993 | 0.0 | Zinc | 4.60E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Aluminum | 5.15E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Arsenic | 1.37E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Barium | 5.51E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Cadmium | 1.29E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| ARYSO03 | 11/19/1993 | 0.0 | Chromium | 2.63E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| ARYSO03 | 11/19/1993 | 0.0 | Cobalt | 3.57E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Copper | 3.73E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Iron | 2.44E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Lead | 5.55E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Magnesium | 2.18E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO03 | 11/19/1993 | 0.0 | Manganese | 2.68E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Mercury | 1.31E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Nickel | 1.13E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Potassium | 1.15E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO03 | 11/19/1993 | 0.0 | Silver | 1.03E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Sodium | 2.73E+02 | | NS | NS | No Standard | No Standard | |
| ARYSO03 | 11/19/1993 | 0.0 | Vanadium | 9.73E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| ARYSO03 | 11/19/1993 | 0.0 | Zinc | 5.93E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Aluminum | 5.12E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Arsenic | 7.06E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Barium | 3.89E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Beryllium | 6.71E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Cadmium | 1.07E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Calcium | 4.39E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO04 | 11/19/1993 | 0.0 | Chromium | 1.40E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| ARYSO04 | 11/19/1993 | 0.0 | Cobalt | 4.99E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Copper | 1.13E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Iron | 4.21E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Lead | 8.55E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Magnesium | 4.51E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO04 | 11/19/1993 | 0.0 | Manganese | 3.92E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Nickel | 9.84E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 4-7***
***Summary of Detected Constituents in Sediment, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| ARYSO04 | 11/19/1993 | 0.0 | Potassium | 2.14E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO04 | 11/19/1993 | 0.0 | Sodium | 3.13E+02 | | NS | NS | No Standard | No Standard | |
| ARYSO04 | 11/19/1993 | 0.0 | Vanadium | 4.33E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| ARYSO04 | 11/19/1993 | 0.0 | Zinc | 3.42E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| ARYSO05 | 11/19/1993 | 0.0 | Aluminum | 3.55E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| ARYSO05 | 11/19/1993 | 0.0 | Arsenic | 1.06E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| ARYSO05 | 11/19/1993 | 0.0 | Barium | 1.32E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| ARYSO05 | 11/19/1993 | 0.0 | Calcium | 5.18E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO05 | 11/19/1993 | 0.0 | Chromium | 4.29E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| ARYSO05 | 11/19/1993 | 0.0 | Cobalt | 2.61E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| ARYSO05 | 11/19/1993 | 0.0 | Copper | 1.78E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| ARYSO05 | 11/19/1993 | 0.0 | Iron | 3.25E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| ARYSO05 | 11/19/1993 | 0.0 | Lead | 6.97E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| ARYSO05 | 11/19/1993 | 0.0 | Magnesium | 1.64E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO05 | 11/19/1993 | 0.0 | Manganese | 2.32E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| ARYSO05 | 11/19/1993 | 0.0 | Nickel | 3.92E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| ARYSO05 | 11/19/1993 | 0.0 | Potassium | 1.00E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO05 | 11/19/1993 | 0.0 | Sodium | 2.91E+02 | | NS | NS | No Standard | No Standard | |
| ARYSO05 | 11/19/1993 | 0.0 | Vanadium | 1.04E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| ARYSO05 | 11/19/1993 | 0.0 | Zinc | 1.29E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| ARYSO06 | 11/19/1993 | 0.0 | Aluminum | 4.56E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| ARYSO06 | 11/19/1993 | 0.0 | Arsenic | 2.03E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| ARYSO06 | 11/19/1993 | 0.0 | Barium | 1.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| ARYSO06 | 11/19/1993 | 0.0 | Calcium | 5.59E+03 | J | NS | NS | No Standard | No Standard | |
| ARYSO06 | 11/19/1993 | 0.0 | Chromium | 6.26E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| ARYSO06 | 11/19/1993 | 0.0 | Cobalt | 3.24E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| ARYSO06 | 11/19/1993 | 0.0 | Copper | 1.32E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| ARYSO06 | 11/19/1993 | 0.0 | Iron | 5.17E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| ARYSO06 | 11/19/1993 | 0.0 | Lead | 9.90E+00 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| ARYSO06 | 11/19/1993 | 0.0 | Magnesium | 2.07E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO06 | 11/19/1993 | 0.0 | Manganese | 2.45E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| ARYSO06 | 11/19/1993 | 0.0 | Nickel | 5.38E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| ARYSO06 | 11/19/1993 | 0.0 | Potassium | 1.20E+03 | | NS | NS | No Standard | No Standard | |
| ARYSO06 | 11/19/1993 | 0.0 | Sodium | 2.44E+02 | | NS | NS | No Standard | No Standard | |
| ARYSO06 | 11/19/1993 | 0.0 | Vanadium | 1.44E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| ARYSO06 | 11/19/1993 | 0.0 | Zinc | 1.46E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CSED01 | 9/14/1996 | 0.0 | Aluminum | 2.40E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED01 | 9/14/1996 | 0.0 | Arsenic | 2.45E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CSED01 | 9/14/1996 | 0.0 | Barium | 1.82E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED01 | 9/14/1996 | 0.0 | Beryllium | 6.85E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED01 | 9/14/1996 | 0.0 | Calcium | 1.81E+04 | | NS | NS | No Standard | No Standard | |
| CSED01 | 9/14/1996 | 0.0 | Chromium | 1.79E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED01 | 9/14/1996 | 0.0 | Cobalt | 6.62E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED01 | 9/14/1996 | 0.0 | Copper | 1.42E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 4-7***
***Summary of Detected Constituents in Sediment, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CSED01 | 9/14/1996 | 0.0 | Iron | 1.63E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CSED01 | 9/14/1996 | 0.0 | Lead | 8.85E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CSED01 | 9/14/1996 | 0.0 | Magnesium | 5.06E+03 | | NS | NS | No Standard | No Standard | |
| CSED01 | 9/14/1996 | 0.0 | Manganese | 4.18E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED01 | 9/14/1996 | 0.0 | Nickel | 1.25E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED01 | 9/14/1996 | 0.0 | Potassium | 5.11E+03 | | NS | NS | No Standard | No Standard | |
| CSED01 | 9/14/1996 | 0.0 | Total organic carbon | 3.77E+03 | | NS | NS | No Standard | No Standard | |
| CSED01 | 10/30/1996 | 1.0 | Aluminum | 1.82E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED01 | 10/30/1996 | 1.0 | Barium | 7.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED01 | 10/30/1996 | 1.0 | Beryllium | 5.67E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED01 | 10/30/1996 | 1.0 | Calcium | 5.05E+04 | | NS | NS | No Standard | No Standard | |
| CSED01 | 10/30/1996 | 1.0 | Chromium | 1.28E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED01 | 10/30/1996 | 1.0 | Cobalt | 6.23E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED01 | 10/30/1996 | 1.0 | Copper | 6.71E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED01 | 10/30/1996 | 1.0 | Iron | 1.29E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CSED01 | 10/30/1996 | 1.0 | Magnesium | 4.66E+03 | | NS | NS | No Standard | No Standard | |
| CSED01 | 10/30/1996 | 1.0 | Manganese | 1.01E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED01 | 10/30/1996 | 1.0 | Nickel | 8.33E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED01 | 10/30/1996 | 1.0 | Potassium | 3.57E+03 | | NS | NS | No Standard | No Standard | |
| CSED01 | 10/30/1996 | 1.0 | Sodium | 9.72E+01 | J | NS | NS | No Standard | No Standard | |
| CSED01 | 10/30/1996 | 1.0 | Total organic carbon | 1.67E+04 | | NS | NS | No Standard | No Standard | |
| CSED01 | 10/30/1996 | 1.0 | Vanadium | 2.59E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CSED02 | 10/30/1996 | 1.0 | Aluminum | 2.54E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED02 | 10/30/1996 | 1.0 | Barium | 1.61E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED02 | 10/30/1996 | 1.0 | Beryllium | 7.75E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED02 | 10/30/1996 | 1.0 | Cadmium | 2.14E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CSED02 | 10/30/1996 | 1.0 | Calcium | 1.40E+04 | | NS | NS | No Standard | No Standard | |
| CSED02 | 10/30/1996 | 1.0 | Chromium | 1.59E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED02 | 10/30/1996 | 1.0 | Cobalt | 5.88E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED02 | 10/30/1996 | 1.0 | Copper | 2.80E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED02 | 10/30/1996 | 1.0 | Iron | 1.35E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CSED02 | 10/30/1996 | 1.0 | Magnesium | 6.06E+03 | | NS | NS | No Standard | No Standard | |
| CSED02 | 10/30/1996 | 1.0 | Manganese | 3.38E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED02 | 10/30/1996 | 1.0 | Nickel | 8.39E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED02 | 10/30/1996 | 1.0 | Potassium | 6.01E+03 | | NS | NS | No Standard | No Standard | |
| CSED02 | 10/30/1996 | 1.0 | Sodium | 1.23E+02 | J | NS | NS | No Standard | No Standard | |
| CSED02 | 10/30/1996 | 1.0 | Total organic carbon | 1.41E+04 | | NS | NS | No Standard | No Standard | |
| CSED03 | 9/14/1996 | 0.0 | Aluminum | 1.31E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED03 | 9/14/1996 | 0.0 | Arsenic | 3.82E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CSED03 | 9/14/1996 | 0.0 | Barium | 1.82E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED03 | 9/14/1996 | 0.0 | Beryllium | 4.60E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED03 | 9/14/1996 | 0.0 | Calcium | 3.82E+04 | | NS | NS | No Standard | No Standard | |
| CSED03 | 9/14/1996 | 0.0 | Chromium | 9.29E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED03 | 9/14/1996 | 0.0 | Copper | 5.97E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 4-7***
***Summary of Detected Constituents in Sediment, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CSED03 | 9/14/1996 | 0.0 | Iron | 1.20E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CSED03 | 9/14/1996 | 0.0 | Lead | 1.85E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CSED03 | 9/14/1996 | 0.0 | Magnesium | 3.87E+03 | | NS | NS | No Standard | No Standard | |
| CSED03 | 9/14/1996 | 0.0 | Manganese | 4.04E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED03 | 9/14/1996 | 0.0 | Potassium | 2.41E+03 | | NS | NS | No Standard | No Standard | |
| CSED03 | 9/14/1996 | 0.0 | Total organic carbon | 6.37E+03 | | NS | NS | No Standard | No Standard | |
| CSED03 | 10/30/1996 | 1.0 | Aluminum | 1.08E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED03 | 10/30/1996 | 1.0 | Barium | 2.57E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED03 | 10/30/1996 | 1.0 | Beryllium | 3.15E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED03 | 10/30/1996 | 1.0 | Calcium | 2.53E+04 | | NS | NS | No Standard | No Standard | |
| CSED03 | 10/30/1996 | 1.0 | Cobalt | 3.28E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED03 | 10/30/1996 | 1.0 | Copper | 4.85E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED03 | 10/30/1996 | 1.0 | Magnesium | 2.89E+03 | | NS | NS | No Standard | No Standard | |
| CSED03 | 10/30/1996 | 1.0 | Manganese | 4.05E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED03 | 10/30/1996 | 1.0 | Nickel | 4.00E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED03 | 10/30/1996 | 1.0 | Potassium | 2.42E+03 | | NS | NS | No Standard | No Standard | |
| CSED03 | 10/30/1996 | 1.0 | Sodium | 9.31E+01 | J | NS | NS | No Standard | No Standard | |
| CSED03 | 10/30/1996 | 1.0 | Total organic carbon | 2.97E+03 | | NS | NS | No Standard | No Standard | |
| CSED04 | 10/30/1996 | 1.0 | Aluminum | 2.87E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED04 | 10/30/1996 | 1.0 | Barium | 2.72E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED04 | 10/30/1996 | 1.0 | Beryllium | 7.36E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED04 | 10/30/1996 | 1.0 | Calcium | 3.17E+04 | | NS | NS | No Standard | No Standard | |
| CSED04 | 10/30/1996 | 1.0 | Chromium | 1.79E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED04 | 10/30/1996 | 1.0 | Cobalt | 6.40E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED04 | 10/30/1996 | 1.0 | Copper | 1.12E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED04 | 10/30/1996 | 1.0 | Iron | 1.53E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CSED04 | 10/30/1996 | 1.0 | Magnesium | 7.10E+03 | | NS | NS | No Standard | No Standard | |
| CSED04 | 10/30/1996 | 1.0 | Manganese | 4.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED04 | 10/30/1996 | 1.0 | Nickel | 1.02E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED04 | 10/30/1996 | 1.0 | Potassium | 6.59E+03 | | NS | NS | No Standard | No Standard | |
| CSED04 | 10/30/1996 | 1.0 | Sodium | 2.61E+02 | J | NS | NS | No Standard | No Standard | |
| CSED04 | 10/30/1996 | 1.0 | Total organic carbon | 1.47E+04 | | NS | NS | No Standard | No Standard | |
| CSED04 | 10/30/1996 | 1.0 | Vanadium | 3.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CSED05 | 10/30/1996 | 1.0 | Aluminum | 3.52E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED05 | 10/30/1996 | 1.0 | Barium | 2.87E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED05 | 10/30/1996 | 1.0 | Beryllium | 1.03E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED05 | 10/30/1996 | 1.0 | Cadmium | 6.38E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CSED05 | 10/30/1996 | 1.0 | Calcium | 2.48E+04 | | NS | NS | No Standard | No Standard | |
| CSED05 | 10/30/1996 | 1.0 | Chromium | 2.59E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED05 | 10/30/1996 | 1.0 | Cobalt | 7.88E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED05 | 10/30/1996 | 1.0 | Copper | 7.30E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED05 | 10/30/1996 | 1.0 | Iron | 2.08E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CSED05 | 10/30/1996 | 1.0 | Lead | 1.66E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CSED05 | 10/30/1996 | 1.0 | Magnesium | 8.60E+03 | | NS | NS | No Standard | No Standard | |

***Table 4-7***
***Summary of Detected Constituents in Sediment, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CSED05 | 10/30/1996 | 1.0 | Manganese | 4.05E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED05 | 10/30/1996 | 1.0 | Nickel | 1.50E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED05 | 10/30/1996 | 1.0 | Potassium | 8.81E+03 | | NS | NS | No Standard | No Standard | |
| CSED05 | 10/30/1996 | 1.0 | Sodium | 2.43E+02 | J | NS | NS | No Standard | No Standard | |
| CSED05 | 10/30/1996 | 1.0 | Total organic carbon | 1.77E+04 | | NS | NS | No Standard | No Standard | |
| CSED05 | 10/30/1996 | 1.0 | Vanadium | 4.36E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Aluminum | 2.50E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Barium | 1.73E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Beryllium | 6.39E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Cadmium | 1.40E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Calcium | 1.97E+04 | | NS | NS | No Standard | No Standard | |
| CSED06 | 10/30/1996 | 1.0 | Chromium | 2.12E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED06 | 10/30/1996 | 1.0 | Cobalt | 5.85E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Copper | 1.07E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Iron | 1.37E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Lead | 1.29E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Magnesium | 6.35E+03 | | NS | NS | No Standard | No Standard | |
| CSED06 | 10/30/1996 | 1.0 | Manganese | 2.98E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Nickel | 9.65E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Potassium | 5.62E+03 | | NS | NS | No Standard | No Standard | |
| CSED06 | 10/30/1996 | 1.0 | Silver | 1.06E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| CSED06 | 10/30/1996 | 1.0 | Sodium | 1.72E+02 | J | NS | NS | No Standard | No Standard | |
| CSED06 | 10/30/1996 | 1.0 | Total organic carbon | 7.41E+03 | | NS | NS | No Standard | No Standard | |
| CSED06 | 10/30/1996 | 1.0 | Vanadium | 2.91E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Aluminum | 3.42E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Arsenic | 2.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Barium | 3.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Beryllium | 8.27E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Cadmium | 1.26E+00 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Calcium | 3.80E+04 | | NS | NS | No Standard | No Standard | |
| CSED07 | 9/14/1996 | 0.0 | Chromium | 2.51E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED07 | 9/14/1996 | 0.0 | Cobalt | 7.13E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Copper | 1.33E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Iron | 1.99E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Lead | 1.57E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Magnesium | 9.47E+03 | | NS | NS | No Standard | No Standard | |
| CSED07 | 9/14/1996 | 0.0 | Manganese | 5.25E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Mercury | 4.55E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Nickel | 1.49E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Potassium | 8.07E+03 | | NS | NS | No Standard | No Standard | |
| CSED07 | 9/14/1996 | 0.0 | Sodium | 3.95E+02 | J | NS | NS | No Standard | No Standard | |
| CSED07 | 9/14/1996 | 0.0 | Total organic carbon | 6.20E+03 | | NS | NS | No Standard | No Standard | |
| CSED07 | 9/14/1996 | 0.0 | Vanadium | 3.95E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CSED07 | 9/14/1996 | 0.0 | Zinc | 4.88E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 4-7***
***Summary of Detected Constituents in Sediment, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CSED07 | 10/30/1996 | 1.0 | Aluminum | 3.02E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED07 | 10/30/1996 | 1.0 | Barium | 3.21E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED07 | 10/30/1996 | 1.0 | Beryllium | 8.57E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED07 | 10/30/1996 | 1.0 | Cadmium | 8.23E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CSED07 | 10/30/1996 | 1.0 | Calcium | 2.81E+04 | | NS | NS | No Standard | No Standard | |
| CSED07 | 10/30/1996 | 1.0 | Chromium | 2.01E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED07 | 10/30/1996 | 1.0 | Cobalt | 7.41E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED07 | 10/30/1996 | 1.0 | Copper | 7.59E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED07 | 10/30/1996 | 1.0 | Iron | 1.65E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CSED07 | 10/30/1996 | 1.0 | Lead | 1.73E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CSED07 | 10/30/1996 | 1.0 | Magnesium | 7.69E+03 | | NS | NS | No Standard | No Standard | |
| CSED07 | 10/30/1996 | 1.0 | Manganese | 5.06E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED07 | 10/30/1996 | 1.0 | Nickel | 1.09E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED07 | 10/30/1996 | 1.0 | Potassium | 6.78E+03 | | NS | NS | No Standard | No Standard | |
| CSED07 | 10/30/1996 | 1.0 | Sodium | 7.58E+02 | | NS | NS | No Standard | No Standard | |
| CSED07 | 10/30/1996 | 1.0 | Total organic carbon | 2.14E+03 | | NS | NS | No Standard | No Standard | |
| CSED07 | 10/30/1996 | 1.0 | Vanadium | 3.48E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CSED07 | 10/30/1996 | 1.0 | Zinc | 8.96E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Aluminum | 2.86E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Arsenic | 2.61E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Barium | 2.68E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Beryllium | 7.35E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Cadmium | 6.26E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Calcium | 3.63E+04 | | NS | NS | No Standard | No Standard | |
| CSED08 | 9/14/1996 | 0.0 | Chromium | 1.90E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED08 | 9/14/1996 | 0.0 | Cobalt | 6.78E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Copper | 5.09E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Iron | 1.80E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Lead | 1.37E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Magnesium | 8.20E+03 | | NS | NS | No Standard | No Standard | |
| CSED08 | 9/14/1996 | 0.0 | Manganese | 4.46E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Mercury | 2.68E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Nickel | 1.12E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Potassium | 6.35E+03 | | NS | NS | No Standard | No Standard | |
| CSED08 | 9/14/1996 | 0.0 | Sodium | 1.76E+03 | | NS | NS | No Standard | No Standard | |
| CSED08 | 9/14/1996 | 0.0 | Total organic carbon | 8.63E+03 | | NS | NS | No Standard | No Standard | |
| CSED08 | 9/14/1996 | 0.0 | Vanadium | 3.41E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CSED08 | 9/14/1996 | 0.0 | Zinc | 7.03E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CSED08 | 10/30/1996 | 1.0 | Aluminum | 1.69E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED08 | 10/30/1996 | 1.0 | Barium | 2.59E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED08 | 10/30/1996 | 1.0 | Beryllium | 4.81E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED08 | 10/30/1996 | 1.0 | Calcium | 1.53E+04 | | NS | NS | No Standard | No Standard | |
| CSED08 | 10/30/1996 | 1.0 | Chromium | 1.23E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED08 | 10/30/1996 | 1.0 | Cobalt | 4.84E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 4-7***
***Summary of Detected Constituents in Sediment, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CSED08 | 10/30/1996 | 1.0 | Copper | 1.25E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED08 | 10/30/1996 | 1.0 | Magnesium | 4.31E+03 | | NS | NS | No Standard | No Standard | |
| CSED08 | 10/30/1996 | 1.0 | Manganese | 2.40E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED08 | 10/30/1996 | 1.0 | Nickel | 6.46E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED08 | 10/30/1996 | 1.0 | Potassium | 4.57E+03 | | NS | NS | No Standard | No Standard | |
| CSED08 | 10/30/1996 | 1.0 | Sodium | 7.81E+02 | | NS | NS | No Standard | No Standard | |
| CSED08 | 10/30/1996 | 1.0 | Total organic carbon | 2.19E+03 | | NS | NS | No Standard | No Standard | |
| CSED09 | 10/30/1996 | 1.0 | Aluminum | 6.00E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Barium | 4.08E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Beryllium | 1.59E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Cadmium | 1.80E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Calcium | 3.88E+04 | | NS | NS | No Standard | No Standard | |
| CSED09 | 10/30/1996 | 1.0 | Chromium | 3.81E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| CSED09 | 10/30/1996 | 1.0 | Cobalt | 1.10E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Copper | 9.88E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Iron | 3.20E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| CSED09 | 10/30/1996 | 1.0 | Lead | 2.65E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Magnesium | 1.44E+04 | | NS | NS | No Standard | No Standard | |
| CSED09 | 10/30/1996 | 1.0 | Manganese | 6.77E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Mercury | 2.21E-01 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Nickel | 2.24E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Potassium | 1.45E+04 | | NS | NS | No Standard | No Standard | |
| CSED09 | 10/30/1996 | 1.0 | Sodium | 2.41E+03 | | NS | NS | No Standard | No Standard | |
| CSED09 | 10/30/1996 | 1.0 | Thallium | 1.39E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Total organic carbon | 1.64E+04 | | NS | NS | No Standard | No Standard | |
| CSED09 | 10/30/1996 | 1.0 | Vanadium | 6.75E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CSED09 | 10/30/1996 | 1.0 | Zinc | 1.02E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CSED10 | 9/14/1996 | 0.0 | Aluminum | 1.53E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED10 | 9/14/1996 | 0.0 | Arsenic | 3.53E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| CSED10 | 9/14/1996 | 0.0 | Barium | 1.63E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| CSED10 | 9/14/1996 | 0.0 | Beryllium | 5.36E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| CSED10 | 9/14/1996 | 0.0 | Cadmium | 3.02E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| CSED10 | 9/14/1996 | 0.0 | Calcium | 2.72E+04 | | NS | NS | No Standard | No Standard | |
| CSED10 | 9/14/1996 | 0.0 | Copper | 2.04E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED10 | 9/14/1996 | 0.0 | Iron | 1.31E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| CSED10 | 9/14/1996 | 0.0 | Lead | 1.07E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| CSED10 | 9/14/1996 | 0.0 | Magnesium | 4.20E+03 | | NS | NS | No Standard | No Standard | |
| CSED10 | 9/14/1996 | 0.0 | Manganese | 3.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| CSED10 | 9/14/1996 | 0.0 | Potassium | 3.59E+03 | | NS | NS | No Standard | No Standard | |
| CSED10 | 9/14/1996 | 0.0 | Total organic carbon | 1.29E+04 | | NS | NS | No Standard | No Standard | |
| CSED10 | 9/14/1996 | 0.0 | Vanadium | 2.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| CSED10 | 9/14/1996 | 0.0 | Zinc | 3.40E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| CSED10 | 10/30/1996 | 1.0 | Aluminum | 9.62E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| CSED10 | 10/30/1996 | 1.0 | Beryllium | 3.00E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 4-7***
***Summary of Detected Constituents in Sediment, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CSED10 | 10/30/1996 | 1.0 | Calcium | 9.54E+03 | | NS | NS | No Standard | No Standard | |
| CSED10 | 10/30/1996 | 1.0 | Cobalt | 2.78E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| CSED10 | 10/30/1996 | 1.0 | Copper | 1.03E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| CSED10 | 10/30/1996 | 1.0 | Magnesium | 2.27E+03 | | NS | NS | No Standard | No Standard | |
| CSED10 | 10/30/1996 | 1.0 | Nickel | 2.77E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| CSED10 | 10/30/1996 | 1.0 | Potassium | 2.97E+03 | | NS | NS | No Standard | No Standard | |
| CSED10 | 10/30/1996 | 1.0 | Sodium | 5.23E+01 | J | NS | NS | No Standard | No Standard | |
| CSED10 | 10/30/1996 | 1.0 | Total organic carbon | 1.31E+03 | | NS | NS | No Standard | No Standard | |
| DBASE01 | 5/5/1993 | 0.5 | Aluminum | 1.46E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASE01 | 5/5/1993 | 0.5 | Barium | 1.51E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASE01 | 5/5/1993 | 0.5 | Beryllium | 5.51E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASE01 | 5/5/1993 | 0.5 | Calcium | 2.52E+04 | | NS | NS | No Standard | No Standard | |
| DBASE01 | 5/5/1993 | 0.5 | Chromium | 6.89E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASE01 | 5/5/1993 | 0.5 | Cobalt | 3.38E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASE01 | 5/5/1993 | 0.5 | Copper | 2.46E+01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASE01 | 5/5/1993 | 0.5 | Iron | 1.23E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASE01 | 5/5/1993 | 0.5 | Lead | 7.10E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASE01 | 5/5/1993 | 0.5 | Magnesium | 4.50E+03 | | NS | NS | No Standard | No Standard | |
| DBASE01 | 5/5/1993 | 0.5 | Manganese | 2.89E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASE01 | 5/5/1993 | 0.5 | Nickel | 5.33E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASE01 | 5/5/1993 | 0.5 | Phosphorus | 3.00E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| DBASE01 | 5/5/1993 | 0.5 | Potassium | 3.44E+03 | | NS | NS | No Standard | No Standard | |
| DBASE01 | 5/5/1993 | 0.5 | Vanadium | 1.89E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASE01 | 5/5/1993 | 0.5 | Zinc | 5.03E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASE02 | 5/5/1993 | 0.5 | Aluminum | 1.73E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASE02 | 5/5/1993 | 0.5 | Barium | 1.70E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASE02 | 5/5/1993 | 0.5 | Beryllium | 7.08E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| DBASE02 | 5/5/1993 | 0.5 | Calcium | 2.39E+04 | | NS | NS | No Standard | No Standard | |
| DBASE02 | 5/5/1993 | 0.5 | Chromium | 9.37E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASE02 | 5/5/1993 | 0.5 | Cobalt | 4.20E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASE02 | 5/5/1993 | 0.5 | Copper | 2.05E+01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASE02 | 5/5/1993 | 0.5 | Iron | 1.38E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASE02 | 5/5/1993 | 0.5 | Lead | 6.88E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASE02 | 5/5/1993 | 0.5 | Magnesium | 5.07E+03 | | NS | NS | No Standard | No Standard | |
| DBASE02 | 5/5/1993 | 0.5 | Manganese | 3.06E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASE02 | 5/5/1993 | 0.5 | Nickel | 6.45E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASE02 | 5/5/1993 | 0.5 | Phosphorus | 3.00E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| DBASE02 | 5/5/1993 | 0.5 | Potassium | 4.42E+03 | | NS | NS | No Standard | No Standard | |
| DBASE02 | 5/5/1993 | 0.5 | Sodium | 5.75E+01 | | NS | NS | No Standard | No Standard | |
| DBASE02 | 5/5/1993 | 0.5 | Vanadium | 2.08E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASE02 | 5/5/1993 | 0.5 | Zinc | 3.09E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| DBASE03 | 5/5/1993 | 0.5 | Aluminum | 1.43E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| DBASE03 | 5/5/1993 | 0.5 | Barium | 1.63E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| DBASE03 | 5/5/1993 | 0.5 | Beryllium | 5.89E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 4-7***
***Summary of Detected Constituents in Sediment, OB/OD Unit***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| DBASE03 | 5/5/1993 | 0.5 | Calcium | 2.47E+04 | | NS | NS | No Standard | No Standard | |
| DBASE03 | 5/5/1993 | 0.5 | Chromium | 7.73E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| DBASE03 | 5/5/1993 | 0.5 | Cobalt | 4.25E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| DBASE03 | 5/5/1993 | 0.5 | Copper | 2.19E+01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| DBASE03 | 5/5/1993 | 0.5 | Iron | 1.36E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| DBASE03 | 5/5/1993 | 0.5 | Lead | 9.37E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| DBASE03 | 5/5/1993 | 0.5 | Magnesium | 4.74E+03 | | NS | NS | No Standard | No Standard | |
| DBASE03 | 5/5/1993 | 0.5 | Manganese | 3.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| DBASE03 | 5/5/1993 | 0.5 | Nickel | 6.00E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| DBASE03 | 5/5/1993 | 0.5 | Phosphorus | 3.00E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| DBASE03 | 5/5/1993 | 0.5 | Potassium | 3.04E+03 | | NS | NS | No Standard | No Standard | |
| DBASE03 | 5/5/1993 | 0.5 | Sodium | 4.68E+01 | | NS | NS | No Standard | No Standard | |
| DBASE03 | 5/5/1993 | 0.5 | Vanadium | 1.77E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| DBASE03 | 5/5/1993 | 0.5 | Zinc | 3.23E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

**Notes:**

mg/kg - milligrams per kilogram

NS - no standard

SSL - Soil Screening Level

MSSL - Medium Specific Screening Level

NMED - New Mexico Environment Department

USEPA - US Environmental Protection Agency

feet bgs - feet below ground surface

Proposed - Cleanup level proposed as described in Permit Attachment 7, Section 7.2.

**Flag Codes:**

D - Duplicate

J - Estimated Concentration

***Table 4-8***
***Proposed Field Investigations***
***Closure Plan Phase I Work Plan***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Location | Activity | Number of Samples | Target Constituents |
|---|---|---|---|
| **OB/OD Unit HWMU** | | | |
| • Geophysical Investigations | Perform digital geophysical mapping (DGM) on approximately 32 acres. | N/A | N/A |
| • Supplemental Waste and Underlying Soil Sampling | For areas previously investigated during Closure Field Program (CFP), re-establish selected previous investigation trench locations. Offset 5 feet and excavate new investigation excavation to a depth of 5 feet below visible waste materials. Collect one waste sample from visible waste materials. Collect underlying soil samples at 1 foot and 5 feet below the bottom of visible waste materials.<br><br>For areas not previously investigated during CFP (seven open detonation craters), establish new investigation trench locations. Excavate new investigation trench to a depth of 10 feet below visible waste materials. Collect one waste sample from visible waste materials. | 42 waste | Explosives, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), dioxins/furans, cyanide, polychlorinated biphenyls (PCBs), perchlorate, nitrate, and RCRA total metals |
| | For areas previously investigated during CFP, collect underlying soil samples at 1 foot and 5 feet below the bottom of visible waste materials.<br><br>For areas not previously investigated during CFP (seven open detonation craters), collect underlying soil samples at 1 foot, 5 feet, and 10 feet below the bottom of visible waste materials. | 91 soil | Explosives, VOCs, SVOCs, dioxins/furans, cyanide, PCBs, perchlorate, nitrate, and RCRA total metals |
| • Surface Soil Sampling | Collect 30 multi-incremental (MI) subsamples from a depth of 1 foot bgs at 30 sampling locations in each of 32 MI exposure units. | 32 MI soil sample (960 soil subsamples) | Explosives, SVOCs, dioxins/furans, cyanide, PCBs, perchlorate, nitrate, and RCRA total metals |
| | Collect a single discrete VOC samples from a depth of 1 feet bgs at selected MI subsample locations in each of 30 MI exposure units. | 32 soil | VOCs |
| **Closed OB/OD Area SWMUs** | | | |
| • Geophysical Investigations | Perform DGM on approximately 31 acres. | N/A | N/A |

***Table 4-8***
***Proposed Field Investigations***
***Closure Plan Phase I Work Plan***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Location | Activity | Number of Samples | Target Constituents |
|---|---|---|---|
| • Supplemental Waste and Underlying Soil Sampling | For areas previously investigated during CFP, re-establish selected previous investigation trench locations. Offset 5 feet and excavate new investigation excavation to a depth of 5 feet below visible waste materials. Collect one waste sample from visible waste materials. | 35 waste | Explosives, VOCs, SVOCs, dioxins/furans, cyanide, PCBs, perchlorate, nitrate, and RCRA total metals |
| | For areas not previously investigated during CFP (buried, burned smoke canisters south of KGA1), establish new investigation trench locations. Excavate new investigation trenches to a depth of 5 feet below visible waste materials. Collect one waste sample per trench from visible waste materials. | | |
| | For areas previously investigated during CFP, collect underlying soil samples at 1 foot and 5 feet below the bottom of visible waste materials. | 70 soil | Explosives, VOCs, SVOCs, dioxins/furans, cyanide, PCBs, perchlorate, nitrate, and RCRA total metals |
| | For areas not previously investigated during CFP (buried, burned smoke canisters south of KGA1), collect underlying soil samples at 1 foot and 5 feet below the bottom of visible waste materials. | | |
| • Surface Soil Sampling | Collect 30 multi-incremental MI subsamples from a depth of 1 foot bgs at 30 sampling locations in each of 24 MI exposure units. | 24 MI soil samples (720 soil subsamples) | Explosives, SVOCs, dioxins/furans, cyanide, PCBs, perchlorate, nitrate, and RCRA total metals |
| | Collect a single discrete VOC samples from a depth of 1 feet bgs at selected MI subsample locations in each of 24 MI exposure units. | 24 soil | VOCs |
| **Parcel 3 Ground Water** | | | |
| | Install 23 new ground water monitoring wells, as summarized in Table 6-5. Collect ground water samples in accordance with Interim Facility Wide Ground Water Monitoring Plan. | | |
| **SWMU 74** | | | |
| • Geophysical Investigations | Perform DGM on approximately 5.5 acres. | | |
| **AOC 89** | . | | |
| • Geophysical Investigations | Perform DGM on approximately 6.8 acres. | | |

***Table 4-8***
***Proposed Field Investigations***
***Closure Plan Phase I Work Plan***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Location | Activity | Number of Samples | Target Constituents |
|---|---|---|---|
| **AOC 90** | . | | |
| • Geophysical Investigations | Perform DGM on approximately 0.6 acres. | | |
| **AOC 91** | . | | |
| • Geophysical Investigations | Perform DGM on approximately 21 acres. | | |
| **AOC 92** | . | | |
| • Geophysical Investigations | Perform DGM on approximately 16 acres. | | |

# 5.0 SOLID WASTE MANAGEMENT UNITS 14, 15, AND 33

## 5.1 BACKGROUND

### 5.1.1 Location, Description, and Operational History

SWMU 14 (which consists of the Old Burning Ground and Demolition Landfill Area), SWMU 15 (which consists of the Old Demolition Area), and SWMU 33 (which consists of one residue/debris pile south of SWMU 15) are all located in an area known prior to Permit issuance as the "Closed OB/OD Area" (Figure 2-3).

The operational history of the Closed OB/OD Area is described in detail in the companion SRHI for Parcel 3. Unusable munitions and explosives and related materials were treated in the Closed OB/OD Area, including objects that were potentially contaminated with explosives during storage and handling, such as shipping containers and dunnage.

OB was conducted in the area identified as SWMU 14 in Figure 2-3. OD was conducted in the area identified as SWMU 15 in Figure 2-3.

Residues and debris from OB and OD operations were placed at various locations within the Closed OB/OD Area. Because the period of operations in the Closed OB/OD Area predated RCRA by approximately 25 years, the Closed OB/OD Area was not permitted under RCRA.

### 5.1.2 Site Conditions

Surface and subsurface conditions within and around the Closed OB/OD Area (SWMU 14, SWMU 15, and SWMU 33) are described in Section 3.0. Previous investigations, summarized in the companion SRHI, have shown that OB/OD operations were conducted on the ground surface within the Closed OB/OD Area, and residual materials appear have been placed around the Closed OB/OD Area via a variety of mechanisms, including earthmoving (e.g., piles of residuals were pushed onto/over arroyo banks using earthmoving equipment during FWDA operations), erosion (e.g., surface runoff has transported residual materials from the piles where they were initially placed down arroyo banks and into/along the arroyo bottoms), and explosions (e.g., detonations have spread fragments and/or MEC on and beneath the ground surface).

As shown in Figures 3-1 and 3-2, a watershed containing approximately 1,400 acres drains through the arroyo in the Closed OB/OD Area to the point of confluence with an arroyo draining the area containing the OB/OD Unit. FWDA maintains storm water best management practices (BMPs) within the Closed OB/OD Area, including straw bales installed at the top of each arroyo back where waste materials were encountered during field investigations. The 100-year flood elevation was calculated as part of the FWDA RCRA Permit Application (PMC, 2003, Attachment Q), and is shown in Figure 5-1.

As described in the companion SRHI for the OB/OD Unit and Parcel 3 SWMUs and AOCs, habitat areas have been identified in and around the Closed OB/OD Area. Habitat and wetland areas are shown in Figure 5-1.

As a result of the nature of OB/OD operations, the potential exists for MEC to be present in and around the Closed OB/OD Area, and site soils and ground water have been impacted by MC such as explosives and metals.

## *5.2 PREVIOUS INVESTIGATIONS*

Previous investigations conducted in and around the OB/OD Unit HWMU as part of an NMED-approved CFP are described in more detail in the companion SRHI for the OB/OD Unit and Parcel 3 SWMUs and AOCs.

## *5.3 EVALUATION OF DATA FROM PREVIOUS INVESTIGATIONS*

As described in Section 2.3.2.3, environmental data from previous investigations were reevaluated with respect to cleanup levels described in Permit Attachment 7 (NMED, 2005).

### *5.3.1 Geophysical Investigations*

One limitation when presenting past geophysical survey data within the Parcel 3 SWMUs is that the survey areas, and therefore data, cannot be included on the current base map with accuracy or precision. A level of trust is required that the areas surveyed and identified have been investigated sufficiently. Also, because the data were collected more than 14 years ago, DGM techniques were not utilized. Additional survey work employing DGM will be required to duplicate/document past findings and/or current conditions.

In addition, as noted in the SRHI, analysis of historical aerial photographs identified a number of features within the Closed OB/OD Area that have not been previously investigated. These locations are considered data gaps because they were previously un-identified. At least nine features identified within SWMU 14 are located outside previously investigated areas, and therefore have not been investigated. At least two features identified within SWMU 15 are located outside previously investigated areas, and therefore have not been investigated.

DGM of these areas will be included in the next phase of investigations to support corrective action activities for the SWMUs, and to determine if other areas (e.g., historical aerial photograph features) require further investigation. DGM results would be incorporated into future documents [e.g., the RFI Work Plan for Parcel 3].

### *5.3.2 Waste Characterization*

Figure 5-1 shows previous waste characterization sample locations. Table 5-1 summarizes the types of wastes observed in each area, estimated in-place volume, and the numbers and types of waste samples collected.

A summary of detected parameters and screening results for waste samples collected within the OB/OD Unit are presented in Tables 5-2 and 5-3, and shown in Figure 5-1. As shown in Tables 5-2 and 5-3, metals were detected exceeding TCLP limits in two areas (KGA3 and KGA4) within SWMU 14; 2,4-dintrotoluene (DNT) was also detected exceeding its TCLP limit in KGA3. As shown in Tables 5-2 and 5-3; metals and explosives were detected exceeding Permit soil cleanup levels in other locations. Analytical results for phosphorus (analyzed and reported as Phosphate Phosphorus or Total Phosphorus) were screened against the USEPA Region 6 value for WP, and every detected concentration failed screening. One waste sample in KGA3 had a Total Phosphorus concentration of 71,000 milligrams per kilogram (mg/kg), which is two orders of magnitude higher than other detected values. As shown in Table 5-3, several metals (antimony, arsenic, barium, cadmium, copper, iron, lead, molybdenum, and thallium) also exceed Permit cleanup levels in the same location.

As discussed in the companion SRHI for Parcel 3, based on the number and positioning of investigation trenches and sample locations, significant portions of the Parcel 3 SWMUs have been evaluated. However, as shown in Figure 5-1 there are no waste samples within the "buried phosphorus rounds and three mounds" in SWMU 15 (identified on Figure 5-1 as "Estimated Extent of Buried, Burned Smoke Canisters Found in 1993"). Additional waste samples in this location will be proposed for the next phase of investigations.

The samples collected from the Parcel 3 SWMUs were analyzed for total phosphorus when the concern was WP. Because there is now a method for analysis of WP concentrations in soil, sediment, and water (SW-846 7580), this data gap will be addressed by including WP on the proposed parameter list for the next phase of investigations. Waste samples collected previously were not analyzed for many of the parameters listed in Permit Attachment 1 (NMED, 2005).

Thus, although extensive sampling of waste materials observed in the Parcel 3 SWMUs has been conducted, it will be necessary to collect additional samples for additional analyses to support corrective action planning.

### *5.3.3 Soil Characterization*

Locations of soil samples collected within SWMU 14, SWMU 15, and SWMU 33 are shown in Figure 5-2. A summary of all detected parameters and a comparison to Permit cleanup levels are shown in Table 5-4. Because of the large number of soil data, a summary table showing only detections that exceed Permit cleanup levels, is provided as Table 5-5.

As shown in Table 5-5, TNT was detected in six samples collected within SWMU 14 at concentrations exceeding Permit cleanup levels. Several metals were detected in a number of soil samples and at various depths at concentrations exceeding Permit cleanup levels. Analytical results for phosphorus (analyzed and reported as Phosphate Phosphorus or Total Phosphorus) were screened

against the USEPA Region 6 value for WP, and every detected concentration failed screening.

As discussed in the companion SRHI for Parcel 3, based on the number and positioning of investigation trenches and sample locations, significant portions of the Parcel 3 SWMUs have been evaluated. However, as shown in Figure 5-2 there are no confirmatory soil samples within the "buried phosphorus rounds and three mounds" in SWMU 15 (identified on Figure 5-2 as "Estimated Extent of Buried, Burned Smoke Canisters Found in 1993"). Additional soil samples in this location will be proposed for the next phase of investigations.

The soil samples collected from the Parcel 3 SWMUs were analyzed for total phosphorus when the concern was WP. Because there is now a method for analysis of WP concentrations in soil, sediment, and water (SW-846 7580), this data gap will be addressed by including WP on the proposed parameter list for the next phase of investigations. Soil samples collected previously were not analyzed for many of the parameters listed in Permit Attachment 1 (NMED, 2005).

"Background" soil data were acquired during the CFP via collection and analysis of near-surface soil samples; although the data were collected IAW work plans approved by NMED, the report presenting the data was never approved. Although it is acknowledged that these "background" data have not been approved by NMED, metals data collected from the Parcel 3 SWMUs have compared to these "background" values. In most cases, detected concentrations that exceed the clean up levels fall within the range of these "background" concentrations, suggesting that these detections may not represent a release from past operations.

Although extensive sampling of soils within the Parcel 3 SWMUs has been conducted, it will be necessary to collect additional samples for additional analyses to support corrective action planning.

### *5.3.4 Ground Water Characterization*

As discussed in Section 3.5.2, the hydrogeologic setting in and around the Parcel 3 SWMUs is extremely complex. In order to make this Work Plan more streamlined for review and use, previous and proposed investigations relating to Parcel 3 ground water are discussed in Section 6.0 of this Work Plan.

### *5.3.5 Surface Water/Sediment Characterization*

As shown in Table 5-6, several metals and a single explosive were detected in surface water samples. Cleanup levels were exceeded (Table 5-6) for mercury and selenium in the samples collected at locations KSW04, KSW05, and KSW07; the cleanup level for selenium was also exceeded in samples collected at locations KSW02, KSW03, KSW06, KSW08, KSW09, and KSW10. These sampling locations are all downstream of SWMUs 14 and 15.

As shown in Table 5-7, several metals were detected in sediment samples at concentrations exceeding soil cleanup levels.

While surface water/sediment sampling locations sufficiently covered the arroyo that bisects the Parcel 3 SWMUs (Figure 5-3), data were collected in a single event over 10 years ago. Although the data were collected IAW work plans approved by NMED, the report presenting the data was never approved.

None of the surface water/sediment samples were analyzed for all parameters listed in Permit Attachment 1 (NMED, 2005).

Results from previous surface water samples were compared to cleanup levels specified in Permit Attachment 7, Section 7.4, to the extent possible The specific numeric criteria provided in NMAC 20.6.4.900.J are limited in number, and it is not known which "use" for ephemeral runoff NMED will apply to the Parcel 3 SWMUs. The most applicable use arguably would be for wildlife, for which only limited numeric criteria are provided. NMAC 20.6.4.900.G states:

> "Wildlife habitat shall be free from any substances at concentrations that are toxic to or will adversely affect plants and animals that use these environments for feeding, drinking, habitat or propagation; can bioaccumulate; or might impair the community of animals in a watershed or the ecological integrity of surface waters of the state. The discharge of substances that bioaccumulate, in excess of levels listed in Subsection J for wildlife habitat is allowed if, and only to the extent that, the substances are present in the intake waters that are diverted and utilized prior to discharge, and then only if the discharger utilizes best available treatment technology to reduce the amount of bioaccumulating substances that are discharged. The numeric criteria listed in Subsection J for wildlife habitat apply to this use except when a site-specific or segment-specific criterion has been adopted under 20.6.4.101 through 20.6.4.899 NMAC."

Existing data cannot be compared to domestic water supply criteria, because criteria for inorganic constituents are for dissolved concentrations (existing data are total concentrations); for organics, none of the detected constituents have a NMAC 20.6.4.900.J numeric criterion, but NMAC 20.6.4.900.B contains more general language that states:

> "surface waters of the state designated for use as domestic water supplies shall not contain substances in concentrations that create a lifetime cancer risk of more than one cancer per 100,000 exposed persons."

A comprehensive program to characterize impacts to ecological receptors associated with exposure to surface water (storm runoff) and sediments will be conducted as part of a field program associated with the installation-wide ecological risk assessment, being conducted separately but in parallel to development of this Work Plan. No additional surface water/sediment sampling will be performed as part of implementation of this Work Plan.

## 5.4 SCOPE OF ACTIVITIES

The purpose of this section is to describe the types of activities that will be conducted in and around the Parcel 3 SWMUs during implementation of this Work Plan. Proposed activities are summarized in Table 4-8.

As described in Section 2.3.3, MEC and UXO may be encountered during performance of the investigations below. The procedures and methodologies described in Section 12.0 must be strictly adhered to in order to safely conduct these investigations IAW Army and DOD safety requirements.

### 5.4.1 Geophysical Investigation

The Army plans to conduct a WAA using aerial geophysics to collect additional data regarding potential distribution of MEC; this WAA is planned for completion in 2008 and data from that investigation may be incorporated into later versions of this Work Plan.

As previously discussed, geophysical investigations (in the form of DGM) are planned within and around the Parcel 3 SWMUs. DGM will be completed if the results of the aerial survey do not detect the presence of suspected waste or are otherwise inconclusive. The objective of these investigations is to attempt to demonstrate that areas of subsurface wastes have been defined, and to determine if additional subsurface waste areas requiring further investigation exist. As shown in Figure 5-4, the areas proposed for DGM are areas where geophysical surveys have been conducted, but additional efforts may be necessary to document conditions and support corrective action planning.

Geophysical investigation will follow the methodologies presented in Section 12.3.

As described above, if areas of suspected subsurface waste (not previously identified) are identified during DGM, those areas will be investigated by trenching as described in Section 5.4.2.

### 5.4.2 Waste Characterization

As noted in Section 5.3.2, waste materials in the Parcel 3 SWMUs have been characterized, but the characterization is incomplete with regards to the constituents of concern listed in the Permit.

FWDA intends to collect additional waste samples to supplement data from previous investigations; supplemental waste samples will be analyzed for additional parameters listed in Permit Section III.A.4 (NMED, 2005).

FWDA believes that data collected will demonstrate that many of the waste materials are simply solid wastes, which are not RCRA regulated, and which do not pose a threat to human health or the environment, and therefore corrective action can be completed with those materials remaining in place.

Based on data from previous investigations, waste materials in parts of SWMU 14 (parts of KGA3 and KGA4, Figure 5-1) are classified as characteristic hazardous wastes (D005, D006, D008, and D030). These data and previously estimated waste volumes are sufficient to plan removal of these waste areas during corrective action; as shown in Figure 5-5, these areas are not planned for further investigation as part of this Work Plan.

Because of the amount of metallic debris present in and around the Parcel 3 SWMUs, it will not be possible to collect waste samples using any type of drilling technology; downhole UXO/MEC clearance is not practical. For this reason, additional waste sampling will be performed following the trenching/excavation methodologies established for the CFP.

As noted in the SRHI, the ends of each of the previous investigation trenches and the horizontal limits of observed waste were surveyed using differential GPS methodologies. Differential GPS methodologies (described in Section 12.4.7 of this Work Plan) will be used to re-locate selected previous investigation trench and waste limit locations, as shown in Figure 5-5. A list of survey coordinates is provided in Appendix C.

After previous investigation trench and waste limit locations have been re-established, new investigation excavations will be completed by offsetting 5 feet to either side of the previous trench location and excavating to the previously observed extent of waste as shown in Figure 5-5. Excavations will be completed by excavating several smaller areas near the ends and center of the previously observed vertical extent of waste as shown in Figure 5-5. New investigation excavations will be completed near the ends and center of the previous trench location. Also as shown in Figure 5-5, new investigation excavations will also be excavated within the “buried phosphorus rounds and three mounds” in SWMU 15 (identified on Figure 5-5 as “Estimated Extent of Buried, Burned Smoke Canisters Found in 1993”).

Excavation investigation methodologies will follow the methods presented in Section 12.4. One waste sample will be collected from each new investigation excavation. Figure 12-1 presents a schematic cross-sectional view of a typical trench through a residue/debris area and typical locations for collection of samples. Waste samples will be collected following the methodologies presented in Section 12.4.4.

As shown in Figure 5-5 and summarized in Table 4-8, a total of 35 additional samples of waste materials observed in the Parcel 3 SWMUs will be collected. Analytical parameters are discussed in Section 5.5.

### *5.4.3 Soil Investigation*

As described in Section 5.4.2, because FWDA hopes to collect sufficient supplemental waste samples to demonstrate that many of the waste materials are simply solid wastes which are not RCRA regulated and which do not pose a threat to human health or the environment, and therefore corrective action can be completed with those materials remaining in place, additional soil

characterization sampling will be required in and around all areas proposed to remain in place.

#### *5.4.3.1 Soil Underlying Waste Materials*

As noted in Section 5.4.2, selected locations of previous investigation trenches will be re-established to allow collection of additional waste characterization samples. While the investigation excavations are open, soil samples will be collected from depth intervals of 1 and 5 feet beneath the bottom of visible waste materials at each location. Figure 12-1 presents a schematic cross-sectional view of a typical excavations through a residue/debris area and typical locations for collection of samples.

As shown in Figure 5-5 and summarized in Table 4-8, a total of 70 additional samples of soil underlying waste materials observed in the Parcel 3 SWMUs will be collected. Analytical parameters are discussed in Section 5.5.

#### *5.4.3.2 Surface Soil Within the Parcel 3 SWMUs*

As shown in Figure 5-6, 23 MI sampling areas will be established over 1 acre exposure units (see Section 12.5) within and around the Parcel 3 SWMUs (except SWMU 33; see below) to provide a repeatable and accurate measure of the average concentrations of constituents of concern that may be present within this area at which human receptors may potentially be exposed. This is consistent with Section 1.2.2 of the *Technical Background Document for Development of Soil Screening Levels* (NMED, 2006).

Because SWMU 33 encompasses a small area (Figure 5-6), a single MI sampling area will be established over a ¼ acre exposure unit (see Section 12.5) at this SWMU.

A total of 30 sub-samples will be collected from each MI area using stratified-random sampling design. Samples will be collected from the 1 foot depth (nominally 6 to 12 inch depth interval) with a decontaminated stainless steel hand auger. This process will result in 24 MI samples following the processing of the sub-samples (see Table 4-8 and Section 12.5). Because the MI sampling process is not applicable to VOCs, a single discrete sample from each MI sampling area (24 total samples) for VOCs will be collected (sample sites co-located with the MI sampling sites) using EnCore, or similar closed vessel samplers.

## ***5.5 ANALYTICAL PROGRAM***

### ***5.5.1 Waste Sample Characterization***

As summarized in Table 4-8, waste samples collected as described above will be analyzed for constituents listed in Permit Section III.A.4, including explosives, VOCs, SVOCs, RCRA total metals, dioxins/furans, cyanide, PCBs, nitrate, and perchlorate. Target compound lists are provided in Appendix D, and QA samples will be collected as summarized in Table 13-1.

### *5.5.2 Soil Characterization*

As summarized in Table 4-8, soil samples collected as described above will be analyzed for constituents listed in Permit Section III.A.4, including explosives, VOCs, SVOCs, RCRA total metals, dioxins/furans, cyanide, PCBs, nitrate, and perchlorate. Target compound lists are provided in Appendix D, and QA samples will be collected as summarized in Table 13-1.

N

E 2486000 E 2487000 E 2488000

N 1619000 N 1618000 N 1617000 N 1616000

THE HOGBACK

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

AOC 89
FEATURES 30 AND 34
ON THE 1973 AERIAL PHOTO API-5

SWMU 14
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)

OLD BURNING GROUND AND DEMOLITION LANDFILL AREA

FENCED-UP HORSE VALLEY

KP301/TP5
KP301/TP4
KP301/TP3
KP301/TP2
KP301/TP1
KP301
KP203
KP2
KP204
KP205
KP201
KP2011201
KP2033101
KP2033201
KP3
KGA5
KGA5010502
KGA501
KGA502
KP303
KP302
KGA409
KGA4090203
KGA4090103
KGA410
KGA401
KGA406
KGA4
KGA402
KGA404
KGA403
KGA4010402
KGA4010302
KGA4060101
KGA4040101
KGA4020101
KGA314
KGA313
KGA3140301
KGA3140201
KGA3020103
KGA302
KGA303
KGA3020403
KGA3026001
KP4AP0401
KP4AP0501
KP402
KP4AP0405
KP4AP0505
KP4
KGA3036001
KGA3146001
KGA3
KGA3082402
KGA3082501
KGA305
KGA308
KGA312
KGA304
KGA3012903
KGA3012303
KGA3030302
KGA309
KGA310
KGA311
KGA3110402
KGA3110302
KGA306
KGA307
KGA3055001
KGA3060203
KGA3070301
KGA3080401
KGA3081201
KGA3010101
KGA3012203
KGA3016001
KGA2060701
KGA2060601
KGA204
KGA205
KGA201
KGA206
KGA203
KGA2TP01
KGA202
KGA2
KGA2010804
KGA2010904
KGA2020103
KGA2021503
KGA2020203
KGA1040203
KGA1040503
KGA1TP01
KGA1041201
KGA1041301
KGA105
KGA1
KGA101
KGA103
KGA104
KGA102
KP103E
KP102E
KP101E
KP1020902
KP1020102
KP1

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA4100201 | 1.0 | *Aluminum* | 290000 |
| | 1.0 | *Antimony* | 64.5 |
| | 1.0 | *Cadmium* | 43.3 |
| | 1.0 | *Copper* | 14000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA4100602 | 2.0 | *Lead* | 54100 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA3020103 | 3.0 | *Barium* | 23000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (ug/L) |
|---|---|---|---|
| KGA3082501 | 1.0 | *2,4-Dinitrotoluene* | 150 J |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA3011203 | 3.0 | *2,4,6-Trinitrotoluene* | 467 J |
| | 3.0 | *RDX* | 259 J |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA3080401 | 1.0 | *2,4,6-Trinitrotoluene* | 97.4 |
| | 1.0 | *Barium* | 16000 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA3081201 | 1.0 | *Antimony* | 107 |
| | 1.0 | *Cadmium* | 990 |
| | 1.0 | *Copper* | 8200 |
| | 1.0 | *Lead* | 6600 |
| | 1.0 | *Molybdenum* | 502 |
| | 1.0 | *Phosphorus* | 71000 |
| | 1.0 | *Thallium* | 6.36 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA1041201 | 1.0 | *2,4,6-Trinitrotoluene* | 40.6 D |
| | 1.0 | *2,4,6-Trinitrotoluene* | 111 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA4090103 | 3.0 | *2,4,6-Trinitrotoluene* | 41.6 J |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA4010402 | 2.0 | *Cadmium* | 4580 |
| | 2.0 | *Lead* | 33500 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA4010302 | 2.0 | *Cadmium* | 180 D |
| | 2.0 | *Cadmium* | 140 |
| | 2.0 | *Lead* | 460 D |
| | 2.0 | *Lead* | 530 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA4060101 | 1.0 | *Antimony* | 41.2 |
| | 1.0 | *Cadmium* | 89.4 |
| | 1.0 | *Lead* | 510 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA4020101 | 1.0 | *2,4,6-Trinitrotoluene* | 687 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA3020403 | 3.0 | *Barium* | 535000 |

ESTIMATED EXTENT OF BURIED, BURNED SMOKE CANISTERS FOUND IN 1993

SWMU 15
OLD DEMOLITION AREA
(INCLUDES INACTIVE EOD AREA, KGA-1, KGA-2, OLD OB/OD AND BURIED PHOSPHORUS ROUNDS, AND THREE MOUNDS IN FENCED-UP HORSE VALLEY)

CONTOURS GENERATED WITH SURFACE MODELING SOFTWARE

SWMU 33
WASTE PILE KP1

OPEN-SIDED STORAGE SHED

BUILDING 604
CONTROL SHELTER AND TRUCK BARRICADE

GATE (NO ID.)

GATE 209A

KEY MAP

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 02.14.08


TerranearPMC, LLC
222 VALLEY CREEK BLVD., SUITE 210
EXTON, PA 19341-2843
(610) 862-5000 PHONE
(610) 862-5050 FAX


# Figure 5-1
## Previous Waste Characterization Sample Locations
## Parcel 3 SWMUs

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511403 -1C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

LEGEND

- SWMU/AOC BOUNDARY
- AOC 89 — SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- ▲ COMPOSITE DEBRIS OR RESIDUE SAMPLE
- ● ADDITIONAL DEBRIS OR RESIDUE SAMPLE
- SURVEYED INVESTIGATION TRENCH
- O SAMPLE EXCEEDING PERMIT CLEANUP LEVEL
- O SAMPLE EXCEEDING TCLP LIMIT
- D DUPLICATE SAMPLE
- J ESTIMATED CONCENTRATION
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF GEOPHYSICAL ANOMALY/SURFACE DEBRIS/RESIDUE PILE
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- PROPERTY TRANSFER PARCEL BOUNDARY
- COTTONWOOD GROVE
- 100-YEAR FLOODPLAIN
- ARROYOS
- 7400 TOPOGRAPHIC CONTOUR (FT. MSL)

100 50 0 100 200
SCALE IN FEET

E 2486000 E 2487000 E 2488000

N 1619000 N 1618000 N 1617000 N 1616000

THE HOGBACK

AOC 89
FEATURES 30 AND 34
ON THE 1973 AERIAL PHOTO API-5

SWMU 14
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)

OLD BURNING GROUND AND DEMOLITION LANDFILL AREA

FENCED-UP HORSE VALLEY

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KMW11 | 20.0 | Vanadium | 84.6 |
| | 25.0 | Vanadium | 88.7 |
| | 35.0 | Vanadium | 85.9 |
| | 55.0 | Vanadium | 86.4 |
| | 58.0 | Vanadium | 108 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KB08 | 5.0 | Manganese | 3800 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KB07 | 3.0 | 2,4,6-Trinitrotoluene | 263 |
| | 5.0 | 2,4,6-Trinitrotoluene | 156 |

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| KGA3140405 | 5.0 | Manganese | 4900 |

KGA1 KGA2 KGA3 KGA4 KGA5 KP1 KP2 KP3 KP4

KMW09 KMW10 KMW11 KMW12 KMW13 KMW14

SWMU 15
OLD DEMOLITION AREA
(INCLUDES INACTIVE EOD AREA, KGA-1, KGA-2, OLD OB/OD AND BURIED PHOSPHORUS ROUNDS, AND THREE MOUNDS IN FENCED-UP HORSE VALLEY)

ESTIMATED EXTENT OF BURIED, BURNED SMOKE CANISTERS FOUND IN 1993

CONTOURS GENERATED WITH SURFACE MODELING SOFTWARE

SWMU 33
WASTE PILE KP1

OPEN-SIDED STORAGE SHED

BUILDING 604
CONTROL SHELTER AND TRUCK BARRICADE

GATE (NO ID.)

GATE 209A

CMW19

| SAMPLE ID | DEPTH (FT. BGS) | ANALYTE | RESULT (mg/kg) |
|---|---|---|---|
| CMW19 | 20.0 | Vanadium | 87.2 |

KEY MAP

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 02.14.08


TerranearPMC, LLC
222 VALLEY CREEK BLVD., SUITE 210
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(610) 862-5050 FAX


# Figure 5-2
## Previous Soil Characterization Sample Locations
## Parcel 3 SWMUs

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511403-2C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

LEGEND

- SWMU/AOC BOUNDARY
- AOC 89 — SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- SOIL SAMPLE
- ADDITIONAL SOIL SAMPLE
- SURFACE SOIL SAMPLE
- SAMPLE EXCEEDING PERMIT CLEANUP LEVEL
- SURVEYED INVESTIGATION TRENCH
- MANCOS SHALE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION BORING
- ENTRADA SANDSTONE FORMATION MONITORING WELL
- PAINTED DESERT MEMBER MONITORING WELL
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF GEOPHYSICAL ANOMALY/SURFACE DEBRIS/RESIDUE PILE
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- PROPERTY TRANSFER PARCEL BOUNDARY
- COTTONWOOD GROVE
- 100-YEAR FLOODPLAIN
- ARROYOS
- 7400 — TOPOGRAPHIC CONTOUR (FT. MSL)

100 50 0 100 200
SCALE IN FEET

N

E 2486000 E 2487000 E 2488000

N 1619000 N 1618000 N 1617000 N 1616000

THE HOGBACK

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY army

SWMU 14
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)

OLD BURNING GROUND AND DEMOLITION LANDFILL AREA

AOC 89
FEATURES 30 AND 34
ON THE 1973 AERIAL PHOTO API-5

FENCED-UP HORSE VALLEY

KSW/SED03
SAMPLE ID ANALYTE RESULT (ug/L)
KSW03 *Selenium* 22.1

KSW/SED10
SAMPLE ID ANALYTE RESULT (ug/L)
KSW10 *Selenium* 7.5
SAMPLE ID DEPTH (FT. BGS) ANALYTE RESULT (mg/kg)
KSED10 1.0 *Thallium* 13.0

KSW/SED09
SAMPLE ID ANALYTE RESULT (ug/L)
KSW09 *Selenium* 71.1

KSW/SED08
SAMPLE ID ANALYTE RESULT (ug/L)
KSW08 *Selenium* 19.2

KSW/SED07
SAMPLE ID ANALYTE RESULT (ug/L)
KSW07 *Mercury* 1.89
*Selenium* 15.0

KSW/SED06
SAMPLE ID ANALYTE RESULT (ug/L)
KSW06 *Selenium* 57.0
SAMPLE ID DEPTH (FT. BGS) ANALYTE RESULT (mg/kg)
KSED06 1.0 *Thallium* 11.0 J

KSW/SED05
SAMPLE ID ANALYTE RESULT (ug/L)
KSW05 *Mercury* 1.33
*Selenium* 25.6

KSW/SED04
SAMPLE ID ANALYTE RESULT (ug/L)
KSW04 *Mercury* 0.925
*Selenium* 21.2

KSW/SED02
SAMPLE ID ANALYTE RESULT (ug/L)
KSW02 *Selenium* 7.31

KSW/SED01

KQA1
KQA2
KQA3
KQA4
KQA5
KP1
KP2
KP3
KP4

SWMU 15
OLD DEMOLITION AREA
(INCLUDES INACTIVE EOD AREA, KGA-1, KGA-2, OLD OB/OD AND BURIED PHOSPHORUS ROUNDS, AND THREE MOUNDS IN FENCED-UP HORSE VALLEY)

ESTIMATED EXTENT OF BURIED, BURNED SMOKE CANISTERS FOUND IN 1993

SWMU 33
WASTE PILE KP1

OPEN-SIDED STORAGE SHED

BUILDING 604
CONTROL SHELTER AND TRUCK BARRICADE

GATE (NO ID.)

GATE 209A

CONTOURS GENERATED WITH SURFACE MODELING SOFTWARE

KEY MAP

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 02.14.08


TerranearPMC, LLC
222 VALLEY CREEK BLVD., SUITE 210
EXTON, PA 19341-2843
(610) 862-5000 PHONE
(610) 862-5050 FAX


# Figure 5-3
## Previous Surface Water and Sediment Sample Locations
## Parcel 3 SWMUs

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511403 -3C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

LEGEND

- SWMU/AOC BOUNDARY
- AOC 89 SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- * ADDITIONAL DEBRIS OR RESIDUE SAMPLE
- SAMPLE EXCEEDING PERMIT CLEANUP LEVEL
- J ESTIMATED CONCENTRATION
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF GEOPHYSICAL ANOMALY/SURFACE DEBRIS/RESIDUE PILE
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- PROPERTY TRANSFER PARCEL BOUNDARY
- COTTONWOOD GROVE
- 100-YEAR FLOODPLAIN
- ARROYOS
- 7400 TOPOGRAPHIC CONTOUR (FT. MSL)

100 50 0 100 200
SCALE IN FEET

N

THE HOGBACK

AOC 89
FEATURES 30 AND 34
ON THE 1973 AERIAL PHOTO API-5

SWMU 14
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)

OLD BURNING GROUND AND DEMOLITION LANDFILL AREA

FENCED-UP HORSE VALLEY

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

STACKED MATERIAL – 1952

CRATES/CONTAINERS – 1962

DISTURBED GROUND AND DARK-TONED MATERIAL – 1935

KQA5

KP3

MULTI-TONED MATERIAL – 1952

KP2

DISTURBED GROUND/DARK-TONED MATERIAL – 1935

CRATES/CONTAINERS – 1962

DEBRIS – 1966

CT/DB CRATES CONTAINING DEBRIS – 1966

KQA4

GRADED AREA – 1958

DARK-TONED MATERIAL – 1952

OBJECTS/EQUIPMENT – 1985

KQA3

DEBRIS/CRATES/CONTAINERS – 1958

DITCH/TRENCH 1948

KP4

STAIN – 1973

CLEARED AREA – 1985

PROBABLE DEBRIS – 1985

APPROXIMATE EXTENT OF PROPOSED GEOPHYSICAL INVESTIGATIONS

OPEN-SIDED STORAGE SHED

GROUND SCAR/PROBABLE DEBRIS – 1966

KQA2

GRADED AREA – 1948

KQA1

DARK-TONED MATERIAL – 1966

DISTURBED GROUND – 1952

MOUNDED MATERIAL – 1948

MOUNDED MATERIAL – 1948, 52, 58, 62, 66, 73, 78, 85

SWMU 15
OLD DEMOLITION AREA
(INCLUDES INACTIVE EOD AREA, KGA-1, KGA-2, OLD OB/OD AND BURIED PHOSPHORUS ROUNDS, AND THREE MOUNDS IN FENCED-UP HORSE VALLEY)

MOUNDED MATERIAL – 1948, 52, 58, 62, 66, 73, 78, 85

MOUNDED MATERIAL – 1948, 52, 58, 62, 66, 73, 85

ESTIMATED EXTENT OF BURIED, BURNED SMOKE CANISTERS FOUND IN 1993

CONTOURS GENERATED WITH SURFACE MODELING SOFTWARE

BUILDING 604
CONTROL SHELTER AND TRUCK BARRICADE

GATE (NO ID.)

GATE 209A

SWMU 33
WASTE PILE KP1

KP1

KEY MAP

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 02.14.08


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# Figure 5-4
## Proposed Geophysical Survey Areas
## Parcel 3 SWMUs

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511403-4C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

LEGEND

- PIT–1985 — FEATURE IDENTIFIED IN HISTORICAL AERIAL PHOTO REPORT
- SWMU/AOC BOUNDARY
- AOC 89 — SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF GEOPHYSICAL ANOMALY/SURFACE DEBRIS/RESIDUE PILE
- 6–FOOT CHAIN LINK SECURITY FENCE WITH 3–STRAND BARBED WIRE TOP
- PROPERTY TRANSFER PARCEL BOUNDARY
- APPROXIMATE EXTENT OF PROPOSED GEOPHYSICAL INVESTIGATIONS
- COTTONWOOD GROVE
- 100–YEAR FLOODPLAIN
- ARROYOS
- 7400 — TOPOGRAPHIC CONTOUR (FT. MSL)

100 50 0 100 200
SCALE IN FEET

N

E 2496000 E 2497000 E 2498000

N 1619000 N 1618000 N 1617000 N 1616000

THE HOGBACK

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

AOC 89
FEATURES 30 AND 34
ON THE 1973 AERIAL PHOTO API-5

SWMU 14
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)

OLD BURNING GROUND AND DEMOLITION LANDFILL AREA

FENCED-UP HORSE VALLEY

KP301/TP5
KP301/TP4
KP301/TP3
KP301/TP2
KP301/TP1
KP301
KP203
KQA5
KGA501
KGA502
KP303
KP302
KP3
KP204
KP205
KP2
KP201

WASTE TO BE REMOVED DURING CLOSURE

KGA409
KGA410
KGA401
KGA406
KGA4
KGA402
KGA404
KGA403
KGA302
KGA314
KGA313
KGA303
KGA305
KGA3
KGA301
KGA308
KGA312
KGA304
KP4A
KP401
KP4
KP402
KGA309
KGA310
KGA311
KGA306
KGA307

KGA204
KGA201
KGA206
KGA205
KGA203
KGA2TP01
KGA202
KGA2
KGA1TP01
KGA105
KGA1
KGA101
KGA103
KGA104
KGA102

SWMU 15
OLD DEMOLITION AREA
(INCLUDES INACTIVE EOD AREA, KGA-1, KGA-2, OLD OB/OD AND BURIED PHOSPHORUS ROUNDS, AND THREE MOUNDS IN FENCED-UP HORSE VALLEY)

ESTIMATED EXTENT OF BURIED, BURNED SMOKE CANISTERS FOUND IN 1993

CONTOURS GENERATED WITH SURFACE MODELING SOFTWARE

OPEN-SIDED STORAGE SHED

BUILDING 604
CONTROL SHELTER AND TRUCK BARRICADE

GATE (NO ID.)

GATE 209A

SWMU 33
WASTE PILE KP1

KP103E
KP102E
KP101E
KP1

KEY MAP

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

| | | |
|---|---|---|
| PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 02.14.08 |


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# Figure 5-5
## Proposed Investigations
## Supplemental Waste and Underlying Soil Sampling
## Parcel 3 SWMUs

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511403 -5C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

LEGEND

- SWMU/AOC BOUNDARY
- AOC 89 — SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF GEOPHYSICAL ANOMALY/SURFACE DEBRIS/RESIDUE PILE
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- PROPERTY TRANSFER PARCEL BOUNDARY
- COTTONWOOD GROVE
- PREVIOUSLY SURVEYED INVESTIGATION TRENCH TO BE RE-ESTABLISHED
- SURVEYED INVESTIGATION TRENCH
- PROPOSED NEW INVESTIGATION TRENCH LOCATION
- PROPOSED SUPPLEMENTAL WASTE AND UNDERLYING SOIL SAMPLE LOCATION
- WASTE TO BE REMOVED DURING CLOSURE
- 100-YEAR FLOODPLAIN
- ARROYOS
- 7400 — TOPOGRAPHIC CONTOUR (FT. MSL)

100 50 0 100 200
SCALE IN FEET

N

E 2488000 | E 2487000 | E 2488000

N 1619000 | N 1618000 | N 1617000 | N 1616000

THE HOGBACK

AOC 89
FEATURES 30 AND 34
ON THE 1973 AERIAL PHOTO API-5

SWMU 14
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)

OLD BURNING GROUND AND DEMOLITION LANDFILL AREA

FENCED-UP HORSE VALLEY

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

KGA5
KP3
KP2
KGA4
KGA3
KP4
KGA2
KGA1

EXPOSURE UNIT FOR MULTI-INCREMENTAL SAMPLING (TYPICAL)

SWMU 15
OLD DEMOLITION AREA
(INCLUDES INACTIVE EOD AREA, KGA-1, KGA-2, OLD OB/OD AND BURIED PHOSPHORUS ROUNDS, AND THREE MOUNDS IN FENCED-UP HORSE VALLEY)

ESTIMATED EXTENT OF BURIED, BURNED SMOKE CANISTERS FOUND IN 1993

CONTOURS GENERATED WITH SURFACE MODELING SOFTWARE

OPEN-SIDED STORAGE SHED

BUILDING 604
CONTROL SHELTER AND TRUCK BARRICADE

GATE (NO ID.)

GATE 209A

SWMU 33
WASTE PILE KP1

EXPOSURE UNIT FOR MULTI-INCREMENTAL SAMPLING (TYPICAL)

KP1

KEY MAP

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

| | | |
|---|---|---|
| PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 02.14.08 |


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# Figure 5-6
## Proposed Investigations
## Surface Soil Sampling
## Parcel 3 SWMUs

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511403 -6C | 0 |
| | | APPVD: | SCALE: 1" = 100' | |

LEGEND

- SWMU/AOC BOUNDARY
- AOC 89 — SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS AREA
- APPROXIMATE BOUNDARY OF GEOPHYSICAL ANOMALY/SURFACE DEBRIS/RESIDUE PILE
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRAND BARBED WIRE TOP
- PROPERTY TRANSFER PARCEL BOUNDARY
- EXPOSURE UNIT FOR MULTI-INCREMENTAL SAMPLING
- COTTONWOOD GROVE
- 100-YEAR FLOODPLAIN
- ARROYOS
- 7400 — TOPOGRAPHIC CONTOUR (FT. MSL)

100 50 0 100 200
SCALE IN FEET

***Table 5-1***
***Waste and Sampling Summary***
***Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***Gallup, New Mexico***

| Waste Area | Description of Waste Materials Encountered | Visible Waste/Debris Volume Estimate (in-place cubic yards) | Number of Grab Samples for TCLP Analyses | Results Exceed TCLP Limits? | Number of Composite Samples for Total Constituent Analyses | Results Exceed Permit Cleanup Levels? |
|---|---|---|---|---|---|---|
| SWMU 14, KGA3 | Metal banding, metal pallets, melted metallic masses, cans and can lids, nails, hinges, and charcoal, ash, fuze components, multiple piles of scrap metal and branches, rods, wood, white insulation and rusted metal<br><br>Large sized (up to 6' in diameter) metal debris from tanks and pipes, concrete blocks, residue, rebar; and three metal leaching tanks (5.5' wide by 15.2' long by 3.7' deep) and associated piping (all excavated and removed to trash pile at the southwest end of the Closed Area) | 2,100 | 11 | Yes; 2,4-DNT (1 sample) and barium (1 sample) | 12 | Yes; RDX (1 sample), TNT (2 samples), antimony, cadmium, copper, lead, molybdenum, and thallium (1 sample), arsenic (5 samples), barium (2 samples), iron (8 samples),and phosphorus (11 samples, EPA R6 value for white phosphorus used for screening because of reported WP disposal; as shown in figure only one result at 71,000 mg/kg is significantly higher than soil background) |
| SWMU 14, KGA4 | Impact fuzes (both bomb and projectile), scrap metal, ordnance fragments, burn kettle slag, charcoal fragments, partially burned wood, nails, and white ash; white banding, burn residue; small oxidized metal fragments, fuze components, and metal banding, burnt fuzes<br><br>Dull white, highly-oxidized aluminium or magnesium powdered waste consisting of rusted fuze components and pipe bombs | 750 | 3 | Yes; cadmium (1 sample) and lead (2 samples) | 6 | Yes; TNT (2 samples), aluminum and copper (1 sample), antimony (2 samples), arsenic (1 sample), cadmium (3 samples), lead (2 samples), and phosphorus (5 samples, EPA R6 value for white phosphorus used for screening because of reported WP disposal) |

***Table 5-1***
***Waste and Sampling Summary***
***Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***Gallup, New Mexico***

| Waste Area | Description of Waste Materials Encountered | Visible Waste/Debris Volume Estimate (in-place cubic yards) | Number of Grab Samples for TCLP Analyses | Results Exceed TCLP Limits? | Number of Composite Samples for Total Constituent Analyses | Results Exceed Permit Cleanup Levels? |
|---|---|---|---|---|---|---|
| SWMU 14, KGA5 | Burn residue with metal fragments (nail, flat metal), clay bricks, ash, rusted nails, bullets, scrap metal | 10 | 0 | N/A | 1 | Yes; arsenic and iron (1 sample) and phosphorus (1 sample, EPA R6 value for white phosphorus used for screening because of reported WP disposal) |
| SWMU 14, KP2 | Metal banding and ordnance fragments; debris on arroyo bank | 125 | 3 | No | 3 | Yes; phosphorus (3 samples, EPA R6 value for white phosphorus used for screening because of reported WP disposal) |
| SWMU 14, KP3 | Debris on arroyo bank | 90 | 0 | N/A | 0 | N/A |
| SWMU 14, KP4 | Rusted metal cans, cardboard tubes, melted aluminum, fuze components, burn residue, ammo boxes, charcoal, hinges, nails, and wire rope | 400 | 1 | No | 1 | Yes; iron (1 sample) and phosphorus (1 sample, EPA R6 value for white phosphorus used for screening because of reported WP disposal) |

***Table 5-1***
***Waste and Sampling Summary***
***Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***Gallup, New Mexico***

| Waste Area | Description of Waste Materials Encountered | Visible Waste/Debris Volume Estimate (in-place cubic yards) | Number of Grab Samples for TCLP Analyses | Results Exceed TCLP Limits? | Number of Composite Samples for Total Constituent Analyses | Results Exceed Permit Cleanup Levels? |
|---|---|---|---|---|---|---|
| SWMU 15, KGA1 | Several 75 mm projectiles, fuze pieces, smoke and flare ejectors, nails and hinges | 140 | 2 | No | 2 | Yes; TNT (1 sample), arsenic and iron (2 samples), and phosphorus (2 samples, EPA R6 value for white phosphorus used for screening because of reported WP disposal) |
| SWMU 15, KGA2 | 40, 75, 90 and 155 mm projectiles, smoke and flare candles, nails and hinges, can lids, rusted mortars, metal rods | 350 | 3 | No | 3 | Yes; arsenic (3 samples), iron (2 samples), and phosphorus (3 samples, EPA R6 value for white phosphorus used for screening because of proximity to reported area of WP disposal) |
| SWMU 33, KP1 | Two experimental projectiles (rusted and breached); 105 mm experimental mortars (rusted and breached or bent) | 150 | 1 | No | 1 | Yes; arsenic and iron (1 sample) and Yes; arsenic and iron (1 sample) and phosphorus (1 sample, EPA R6 value for white phosphorus used for screening because of reported WP disposal) |

***Table 5-1***
***Waste and Sampling Summary***
***Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***Gallup, New Mexico***

| Waste Area | Description of Waste Materials Encountered | Visible Waste/Debris Volume Estimate (in-place cubic yards) | Number of Grab Samples for TCLP Analyses | Results Exceed TCLP Limits? | Number of Composite Samples for Total Constituent Analyses | Results Exceed Permit Cleanup Levels? |
|---|---|---|---|---|---|---|
| | **Parcel 3 SWMUs Total (does not include three mounds and buried materials in between mounds that NMED included as part of SWMU 15, which have not been investigated)** | **4,115** | 18 | | 53 | |

***Table 5-2***
***Summary of Detected TCLP Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (ug/L) | Report Flag | USEAP TCLP Screen Level (ug/L) | Exceed Regulatory Level? |
|---|---|---|---|---|---|---|---|
| KGA1040503 | 8/22/1996 | 3.0 | Arsenic | 9.58E+00 | | 5.00E+03 | |
| KGA1040503 | 8/22/1996 | 3.0 | Barium | 8.83E+02 | | 1.00E+05 | |
| KGA1040503 | 8/22/1996 | 3.0 | Cadmium | 1.09E+01 | | 1.00E+03 | |
| KGA1040503 | 8/22/1996 | 3.0 | Lead | 1.11E+01 | | 5.00E+03 | |
| KGA1040503 | 8/22/1996 | 3.0 | Selenium | 1.43E+01 | | 1.00E+03 | |
| KGA2010904 | 8/27/1996 | 4.0 | Barium | 2.00E+04 | | 1.00E+05 | |
| KGA2010904 | 8/27/1996 | 4.0 | Cadmium | 6.17E+01 | | 1.00E+03 | |
| KGA2010904 | 8/27/1996 | 4.0 | Lead | 1.12E+01 | | 5.00E+03 | |
| KGA2010904 | 8/27/1996 | 4.0 | Selenium | 1.98E+01 | | 1.00E+03 | |
| KGA2020203 | 8/26/1996 | 3.0 | Arsenic | 5.46E+00 | | 5.00E+03 | |
| KGA2020203 | 8/26/1996 | 3.0 | Barium | 7.31E+03 | | 1.00E+05 | |
| KGA2020203 | 8/26/1996 | 3.0 | Cadmium | 1.52E+02 | | 1.00E+03 | |
| KGA2020203 | 8/26/1996 | 3.0 | Lead | 1.35E+02 | | 5.00E+03 | |
| KGA2020203 | 8/26/1996 | 3.0 | Selenium | 1.99E+01 | | 1.00E+03 | |
| KGA2021503 | 8/26/1996 | 3.0 | Arsenic | 5.81E+00 | | 5.00E+03 | |
| KGA2021503 | 8/26/1996 | 3.0 | Barium | 7.07E+03 | | 1.00E+05 | |
| KGA2021503 | 8/26/1996 | 3.0 | Cadmium | 1.20E+02 | | 1.00E+03 | |
| KGA2021503 | 8/26/1996 | 3.0 | Lead | 7.46E+01 | | 5.00E+03 | |
| KGA2021503 | 8/26/1996 | 3.0 | Selenium | 1.88E+01 | | 1.00E+03 | |
| KGA2060601 | 8/29/1996 | 1.0 | Arsenic | 1.16E+01 | D | 5.00E+03 | |
| KGA2060601 | 8/29/1996 | 1.0 | Arsenic | 1.17E+01 | | 5.00E+03 | |
| KGA2060601 | 8/29/1996 | 1.0 | Barium | 7.22E+02 | D | 1.00E+05 | |
| KGA2060601 | 8/29/1996 | 1.0 | Barium | 7.16E+02 | | 1.00E+05 | |
| KGA2060601 | 8/29/1996 | 1.0 | Lead | 3.31E+00 | D | 5.00E+03 | |
| KGA2060601 | 8/29/1996 | 1.0 | Selenium | 1.85E+01 | D | 1.00E+03 | |
| KGA2060601 | 8/29/1996 | 1.0 | Selenium | 1.53E+01 | | 1.00E+03 | |
| KGA3010101 | 8/5/1996 | 1.0 | Arsenic | 1.42E+01 | DJ | 5.00E+03 | |
| KGA3010101 | 8/5/1996 | 1.0 | Arsenic | 1.38E+01 | J | 5.00E+03 | |
| KGA3010101 | 8/5/1996 | 1.0 | Barium | 1.52E+03 | D | 1.00E+05 | |

***Table 5-2***
***Summary of Detected TCLP Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (ug/L) | Report Flag | USEAP TCLP Screen Level (ug/L) | Exceed Regulatory Level? |
|---|---|---|---|---|---|---|---|
| KGA3010101 | 8/5/1996 | 1.0 | Barium | 1.53E+03 | | 1.00E+05 | |
| KGA3010101 | 8/5/1996 | 1.0 | Cadmium | 4.72E+00 | DJ | 1.00E+03 | |
| KGA3010101 | 8/5/1996 | 1.0 | Cadmium | 5.01E+00 | J | 1.00E+03 | |
| KGA3010101 | 8/5/1996 | 1.0 | Lead | 2.88E+02 | DJ | 5.00E+03 | |
| KGA3010101 | 8/5/1996 | 1.0 | Lead | 2.86E+02 | J | 5.00E+03 | |
| KGA3010101 | 8/5/1996 | 1.0 | Selenium | 1.50E+01 | DJ | 1.00E+03 | |
| KGA3010101 | 8/5/1996 | 1.0 | Selenium | 1.71E+01 | J | 1.00E+03 | |
| KGA3012303 | 8/6/1996 | 3.0 | Arsenic | 1.18E+01 | | 5.00E+03 | |
| KGA3012303 | 8/6/1996 | 3.0 | Barium | 6.23E+04 | | 1.00E+05 | |
| KGA3012303 | 8/6/1996 | 3.0 | Cadmium | 5.77E+01 | | 1.00E+03 | |
| KGA3012303 | 8/6/1996 | 3.0 | Lead | 1.88E+02 | | 5.00E+03 | |
| KGA3012303 | 8/6/1996 | 3.0 | Selenium | 1.25E+01 | | 1.00E+03 | |
| KGA3016001 | 9/6/1996 | 1.0 | Arsenic | 1.15E+01 | | 5.00E+03 | |
| KGA3016001 | 9/6/1996 | 1.0 | Barium | 1.61E+03 | | 1.00E+05 | |
| KGA3016001 | 9/6/1996 | 1.0 | Lead | 1.17E+02 | | 5.00E+03 | |
| KGA3016001 | 9/6/1996 | 1.0 | Selenium | 1.63E+01 | | 1.00E+03 | |
| KGA3020403 | 8/9/1996 | 3.0 | Arsenic | 1.41E+02 | | 5.00E+03 | |
| KGA3020403 | 8/9/1996 | 3.0 | Barium | 5.35E+05 | | 1.00E+05 | YES |
| KGA3020403 | 8/9/1996 | 3.0 | Chromium | 2.03E+01 | | 5.00E+03 | |
| KGA3020403 | 8/9/1996 | 3.0 | Lead | 4.17E+01 | | 5.00E+03 | |
| KGA3020403 | 8/9/1996 | 3.0 | Selenium | 1.84E+01 | | 1.00E+03 | |
| KGA3026001 | 9/6/1996 | 1.0 | Arsenic | 9.39E+00 | | 5.00E+03 | |
| KGA3026001 | 9/6/1996 | 1.0 | Barium | 1.73E+03 | | 1.00E+05 | |
| KGA3026001 | 9/6/1996 | 1.0 | Lead | 1.11E+01 | | 5.00E+03 | |
| KGA3026001 | 9/6/1996 | 1.0 | Selenium | 1.40E+01 | | 1.00E+03 | |
| KGA3036001 | 9/6/1996 | 1.0 | Arsenic | 9.88E+00 | | 5.00E+03 | |
| KGA3036001 | 9/6/1996 | 1.0 | Barium | 1.12E+03 | | 1.00E+05 | |
| KGA3036001 | 9/6/1996 | 1.0 | Lead | 1.68E+01 | | 5.00E+03 | |
| KGA3036001 | 9/6/1996 | 1.0 | Selenium | 1.61E+01 | | 1.00E+03 | |
| KGA3056001 | 9/6/1996 | 1.0 | Arsenic | 9.62E+00 | | 5.00E+03 | |

***Table 5-2***
***Summary of Detected TCLP Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (ug/L) | Report Flag | USEAP TCLP Screen Level (ug/L) | Exceed Regulatory Level? |
|---|---|---|---|---|---|---|---|
| KGA3056001 | 9/6/1996 | 1.0 | Barium | 1.09E+03 | | 1.00E+05 | |
| KGA3056001 | 9/6/1996 | 1.0 | Lead | 3.11E+01 | | 5.00E+03 | |
| KGA3056001 | 9/6/1996 | 1.0 | Selenium | 1.74E+01 | | 1.00E+03 | |
| KGA3082501 | 8/13/1996 | 1.0 | 2,4-Dinitrotoluene | 1.50E+02 | J | 1.30E+02 | YES |
| KGA3082501 | 8/13/1996 | 1.0 | Arsenic | 4.08E+01 | | 5.00E+03 | |
| KGA3082501 | 8/13/1996 | 1.0 | Barium | 4.63E+01 | | 1.00E+05 | |
| KGA3082501 | 8/13/1996 | 1.0 | Cadmium | 5.49E+02 | | 1.00E+03 | |
| KGA3082501 | 8/13/1996 | 1.0 | Lead | 1.34E+01 | | 5.00E+03 | |
| KGA3082501 | 8/13/1996 | 1.0 | Selenium | 1.48E+01 | | 1.00E+03 | |
| KGA3110302 | 8/15/1996 | 2.0 | Arsenic | 8.77E+00 | D | 5.00E+03 | |
| KGA3110302 | 8/15/1996 | 2.0 | Arsenic | 9.54E+00 | | 5.00E+03 | |
| KGA3110302 | 8/15/1996 | 2.0 | Barium | 1.23E+03 | D | 1.00E+05 | |
| KGA3110302 | 8/15/1996 | 2.0 | Barium | 1.20E+03 | | 1.00E+05 | |
| KGA3110302 | 8/15/1996 | 2.0 | Lead | 9.70E+00 | D | 5.00E+03 | |
| KGA3110302 | 8/15/1996 | 2.0 | Lead | 6.32E+00 | | 5.00E+03 | |
| KGA3110302 | 8/15/1996 | 2.0 | Selenium | 1.70E+01 | D | 1.00E+03 | |
| KGA3110302 | 8/15/1996 | 2.0 | Selenium | 1.55E+01 | | 1.00E+03 | |
| KGA3140301 | 8/16/1996 | 1.0 | Arsenic | 1.06E+01 | | 5.00E+03 | |
| KGA3140301 | 8/16/1996 | 1.0 | Barium | 6.54E+03 | | 1.00E+05 | |
| KGA3140301 | 8/16/1996 | 1.0 | Cadmium | 1.15E+01 | | 1.00E+03 | |
| KGA3140301 | 8/16/1996 | 1.0 | Lead | 2.45E+02 | | 5.00E+03 | |
| KGA3140301 | 8/16/1996 | 1.0 | Selenium | 1.55E+01 | | 1.00E+03 | |
| KGA3146001 | 9/6/1996 | 1.0 | Arsenic | 1.42E+01 | | 5.00E+03 | |
| KGA3146001 | 9/6/1996 | 1.0 | Barium | 1.44E+03 | | 1.00E+05 | |
| KGA3146001 | 9/6/1996 | 1.0 | Cadmium | 6.27E+00 | | 1.00E+03 | |
| KGA3146001 | 9/6/1996 | 1.0 | Lead | 4.23E+01 | | 5.00E+03 | |
| KGA3146001 | 9/6/1996 | 1.0 | Selenium | 2.15E+01 | | 1.00E+03 | |
| KGA4010402 | 8/3/1996 | 2.0 | Arsenic | 2.19E+01 | | 5.00E+03 | |
| KGA4010402 | 8/3/1996 | 2.0 | Barium | 3.11E+03 | | 1.00E+05 | |
| KGA4010402 | 8/3/1996 | 2.0 | Cadmium | 4.58E+03 | | 1.00E+03 | YES |

## *Table 5-2*
## *Summary of Detected TCLP Constituents in Waste, Closed OB/OD Area SWMUs*
## *Fort Wingate Depot Activity*
## *McKinley County, New Mexico*

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (ug/L) | Report Flag | USEAP TCLP Screen Level (ug/L) | Exceed Regulatory Level? |
|---|---|---|---|---|---|---|---|
| KGA4010402 | 8/3/1996 | 2.0 | Lead | 3.35E+04 | | 5.00E+03 | YES |
| KGA4010402 | 8/3/1996 | 2.0 | Selenium | 1.48E+01 | | 1.00E+03 | |
| KGA4090203 | 8/8/1996 | 3.0 | Arsenic | 1.67E+01 | J | 5.00E+03 | |
| KGA4090203 | 8/8/1996 | 3.0 | Barium | 9.23E+02 | | 1.00E+05 | |
| KGA4090203 | 8/8/1996 | 3.0 | Cadmium | 1.12E+01 | J | 1.00E+03 | |
| KGA4090203 | 8/8/1996 | 3.0 | Lead | 1.62E+02 | J | 5.00E+03 | |
| KGA4090203 | 8/8/1996 | 3.0 | Selenium | 1.26E+01 | J | 1.00E+03 | |
| KGA4100602 | 8/17/1996 | 2.0 | Arsenic | 1.35E+01 | | 5.00E+03 | |
| KGA4100602 | 8/17/1996 | 2.0 | Barium | 2.50E+03 | | 1.00E+05 | |
| KGA4100602 | 8/17/1996 | 2.0 | Cadmium | 6.55E+02 | | 1.00E+03 | |
| KGA4100602 | 8/17/1996 | 2.0 | Lead | 5.41E+04 | | 5.00E+03 | YES |
| KGA4100602 | 8/17/1996 | 2.0 | Selenium | 1.63E+01 | | 1.00E+03 | |
| KP1020902 | 8/21/1996 | 2.0 | Arsenic | 9.38E+00 | | 5.00E+03 | |
| KP1020902 | 8/21/1996 | 2.0 | Barium | 1.12E+03 | | 1.00E+05 | |
| KP1020902 | 8/21/1996 | 2.0 | Selenium | 1.81E+01 | | 1.00E+03 | |
| KP2016001 | 9/6/1996 | 1.0 | Arsenic | 8.21E+00 | | 5.00E+03 | |
| KP2016001 | 9/6/1996 | 1.0 | Barium | 1.78E+03 | | 1.00E+05 | |
| KP2016001 | 9/6/1996 | 1.0 | Cadmium | 1.61E+01 | | 1.00E+03 | |
| KP2016001 | 9/6/1996 | 1.0 | Lead | 1.11E+01 | | 5.00E+03 | |
| KP2016001 | 9/6/1996 | 1.0 | Selenium | 1.47E+01 | | 1.00E+03 | |
| KP2033201 | 8/3/1996 | 1.0 | Arsenic | 1.45E+01 | D | 5.00E+03 | |
| KP2033201 | 8/3/1996 | 1.0 | Arsenic | 1.17E+01 | | 5.00E+03 | |
| KP2033201 | 8/3/1996 | 1.0 | Barium | 3.26E+03 | D | 1.00E+05 | |
| KP2033201 | 8/3/1996 | 1.0 | Barium | 3.20E+03 | | 1.00E+05 | |
| KP2033201 | 8/3/1996 | 1.0 | Cadmium | 1.08E+01 | D | 1.00E+03 | |
| KP2033201 | 8/3/1996 | 1.0 | Cadmium | 1.07E+01 | | 1.00E+03 | |
| KP2033201 | 8/3/1996 | 1.0 | Lead | 6.51E+01 | D | 5.00E+03 | |
| KP2033201 | 8/3/1996 | 1.0 | Lead | 6.62E+01 | | 5.00E+03 | |
| KP2033201 | 8/3/1996 | 1.0 | Selenium | 1.33E+01 | D | 1.00E+03 | |
| KP2033201 | 8/3/1996 | 1.0 | Selenium | 1.49E+01 | | 1.00E+03 | |

## *Table 5-2*
## *Summary of Detected TCLP Constituents in Waste, Closed OB/OD Area SWMUs*
## *Fort Wingate Depot Activity*
## *McKinley County, New Mexico*

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (ug/L) | Report Flag | USEAP TCLP Screen Level (ug/L) | Exceed Regulatory Level? |
|---|---|---|---|---|---|---|---|
| KP2046001 | 9/6/1996 | 1.0 | Arsenic | 1.21E+01 | D | 5.00E+03 | |
| KP2046001 | 9/6/1996 | 1.0 | Arsenic | 1.17E+01 | | 5.00E+03 | |
| KP2046001 | 9/6/1996 | 1.0 | Barium | 3.84E+03 | D | 1.00E+05 | |
| KP2046001 | 9/6/1996 | 1.0 | Barium | 3.82E+03 | | 1.00E+05 | |
| KP2046001 | 9/6/1996 | 1.0 | Cadmium | 3.94E+00 | D | 1.00E+03 | |
| KP2046001 | 9/6/1996 | 1.0 | Cadmium | 4.02E+00 | | 1.00E+03 | |
| KP2046001 | 9/6/1996 | 1.0 | Lead | 2.45E+01 | D | 5.00E+03 | |
| KP2046001 | 9/6/1996 | 1.0 | Lead | 2.54E+01 | | 5.00E+03 | |
| KP2046001 | 9/6/1996 | 1.0 | Selenium | 1.33E+01 | D | 1.00E+03 | |
| KP2046001 | 9/6/1996 | 1.0 | Selenium | 1.67E+01 | | 1.00E+03 | |
| KP4AP0505 | 9/3/1996 | 5.0 | Arsenic | 1.29E+01 | | 5.00E+03 | |
| KP4AP0505 | 9/3/1996 | 5.0 | Barium | 9.43E+04 | | 1.00E+05 | |
| KP4AP0505 | 9/3/1996 | 5.0 | Cadmium | 4.36E+01 | | 1.00E+03 | |
| KP4AP0505 | 9/3/1996 | 5.0 | Lead | 1.50E+03 | | 5.00E+03 | |
| KP4AP0505 | 9/3/1996 | 5.0 | Selenium | 1.52E+01 | | 1.00E+03 | |
| KP4RW6001 | 9/6/1996 | 1.0 | Arsenic | 1.21E+01 | | 5.00E+03 | |
| KP4RW6001 | 9/6/1996 | 1.0 | Barium | 4.25E+03 | | 1.00E+05 | |
| KP4RW6001 | 9/6/1996 | 1.0 | Cadmium | 6.00E+01 | | 1.00E+03 | |
| KP4RW6001 | 9/6/1996 | 1.0 | Lead | 4.70E+03 | | 5.00E+03 | |
| KP4RW6001 | 9/6/1996 | 1.0 | Selenium | 1.97E+01 | | 1.00E+03 | |

**Notes:**

ug/l - microgram per liter

TCLP - Toxicity Characteristic Leaching Procedure

USEPA - US Environmental Protection Agency

feet bgs - feet below ground surface

**Flag Codes:**

D - Duplicate

J - Estimated Concetration

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1040203 | 8/22/1996 | 3.0 | 3-Nitrotoluene | 3.35E-01 | J | 5.69E+02 | 1.56E+03 | 5.69E+02 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Aluminum | 1.22E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Antimony | 1.18E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Arsenic | 2.80E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1040203 | 8/22/1996 | 3.0 | Barium | 8.47E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Beryllium | 5.41E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Cadmium | 2.42E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Calcium | 2.46E+03 | | NS | NS | No Standard | No Standard | |
| KGA1040203 | 8/22/1996 | 3.0 | Chromium | 3.38E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1040203 | 8/22/1996 | 3.0 | Cobalt | 1.32E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Copper | 6.34E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Iron | 1.60E+05 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA1040203 | 8/22/1996 | 3.0 | Lead | 5.89E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Magnesium | 1.83E+03 | | NS | NS | No Standard | No Standard | |
| KGA1040203 | 8/22/1996 | 3.0 | Manganese | 7.44E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Mercury | 4.15E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Molybdenum | 1.27E+01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Nickel | 9.99E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Phosphorus | 3.06E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1040203 | 8/22/1996 | 3.0 | Potassium | 1.82E+03 | | NS | NS | No Standard | No Standard | |
| KGA1040203 | 8/22/1996 | 3.0 | Silver | 5.08E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Sodium | 5.09E+01 | J | NS | NS | No Standard | No Standard | |
| KGA1040203 | 8/22/1996 | 3.0 | Thallium | 1.45E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Vanadium | 2.04E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1040203 | 8/22/1996 | 3.0 | Zinc | 1.30E+04 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | 1,3,5-Trinitrobenzene | 1.75E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KGA1041201 | 8/22/1996 | 1.0 | 2,4,6-Trinitrotoluene | 4.06E+01 | D | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KGA1041201 | 8/22/1996 | 1.0 | 2,4,6-Trinitrotoluene | 1.11E+02 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KGA1041201 | 8/22/1996 | 1.0 | Aluminum | 1.26E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Aluminum | 1.73E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Antimony | 5.67E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Arsenic | 4.13E+01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1041201 | 8/22/1996 | 1.0 | Arsenic | 3.39E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1041201 | 8/22/1996 | 1.0 | Barium | 1.49E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Barium | 1.90E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Beryllium | 8.07E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Beryllium | 8.48E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Cadmium | 4.24E+00 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Cadmium | 8.81E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Calcium | 8.84E+03 | D | NS | NS | No Standard | No Standard | |
| KGA1041201 | 8/22/1996 | 1.0 | Calcium | 4.50E+03 | | NS | NS | No Standard | No Standard | |
| KGA1041201 | 8/22/1996 | 1.0 | Chromium | 2.37E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1041201 | 8/22/1996 | 1.0 | Chromium | 2.87E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1041201 | 8/22/1996 | 1.0 | Cobalt | 9.79E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Cobalt | 1.32E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Copper | 9.94E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Copper | 1.48E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Iron | 7.30E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA1041201 | 8/22/1996 | 1.0 | Iron | 1.30E+05 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA1041201 | 8/22/1996 | 1.0 | Lead | 2.79E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Lead | 5.73E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Magnesium | 3.07E+03 | D | NS | NS | No Standard | No Standard | |
| KGA1041201 | 8/22/1996 | 1.0 | Magnesium | 3.04E+03 | | NS | NS | No Standard | No Standard | |
| KGA1041201 | 8/22/1996 | 1.0 | Manganese | 4.26E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Manganese | 7.33E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Mercury | 5.38E-01 | D | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Mercury | 1.86E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Molybdenum | 2.93E+00 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Molybdenum | 6.32E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Nickel | 3.29E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Nickel | 4.39E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Phosphorus | 4.85E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1041201 | 8/22/1996 | 1.0 | Phosphorus | 4.95E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1041201 | 8/22/1996 | 1.0 | Potassium | 3.00E+03 | D | NS | NS | No Standard | No Standard | |
| KGA1041201 | 8/22/1996 | 1.0 | Potassium | 4.07E+03 | | NS | NS | No Standard | No Standard | |
| KGA1041201 | 8/22/1996 | 1.0 | Silver | 8.57E-01 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Silver | 1.40E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Sodium | 1.36E+02 | DJ | NS | NS | No Standard | No Standard | |
| KGA1041201 | 8/22/1996 | 1.0 | Sodium | 7.41E+01 | J | NS | NS | No Standard | No Standard | |
| KGA1041201 | 8/22/1996 | 1.0 | Thallium | 1.35E+00 | D | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Thallium | 2.07E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Vanadium | 2.78E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Vanadium | 3.32E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Zinc | 4.66E+02 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1041201 | 8/22/1996 | 1.0 | Zinc | 5.11E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1041301 | 8/22/1996 | 1.0 | Total organic carbon | 1.95E+04 | | NS | NS | No Standard | No Standard | |
| KGA2010804 | 8/27/1996 | 4.0 | Aluminum | 1.32E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Antimony | 6.02E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Arsenic | 9.79E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2010804 | 8/27/1996 | 4.0 | Barium | 1.04E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Beryllium | 8.03E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Cadmium | 1.37E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Calcium | 2.65E+03 | | NS | NS | No Standard | No Standard | |
| KGA2010804 | 8/27/1996 | 4.0 | Chromium | 1.78E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2010804 | 8/27/1996 | 4.0 | Cobalt | 1.25E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2010804 | 8/27/1996 | 4.0 | Copper | 2.47E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Iron | 7.70E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA2010804 | 8/27/1996 | 4.0 | Lead | 4.67E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Magnesium | 2.51E+03 | | NS | NS | No Standard | No Standard | |
| KGA2010804 | 8/27/1996 | 4.0 | Manganese | 7.42E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Mercury | 7.58E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Molybdenum | 1.22E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Nickel | 3.16E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Phosphorus | 5.08E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2010804 | 8/27/1996 | 4.0 | Potassium | 2.45E+03 | | NS | NS | No Standard | No Standard | |
| KGA2010804 | 8/27/1996 | 4.0 | Silver | 8.23E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Sodium | 1.68E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2010804 | 8/27/1996 | 4.0 | Vanadium | 2.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2010804 | 8/27/1996 | 4.0 | Zinc | 5.80E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Aluminum | 1.29E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Antimony | 9.95E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Arsenic | 9.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2020103 | 8/26/1996 | 3.0 | Barium | 1.70E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Beryllium | 7.89E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Cadmium | 1.60E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Calcium | 8.65E+03 | | NS | NS | No Standard | No Standard | |
| KGA2020103 | 8/26/1996 | 3.0 | Chromium | 2.64E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2020103 | 8/26/1996 | 3.0 | Cobalt | 1.16E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Copper | 3.75E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Iron | 8.90E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA2020103 | 8/26/1996 | 3.0 | Lead | 2.90E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Magnesium | 3.08E+03 | | NS | NS | No Standard | No Standard | |
| KGA2020103 | 8/26/1996 | 3.0 | Manganese | 7.74E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Mercury | 5.28E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Molybdenum | 2.32E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Nickel | 2.98E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Phosphorus | 4.68E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2020103 | 8/26/1996 | 3.0 | Potassium | 3.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA2020103 | 8/26/1996 | 3.0 | Silver | 3.53E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Sodium | 3.20E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2020103 | 8/26/1996 | 3.0 | Vanadium | 3.33E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2020103 | 8/26/1996 | 3.0 | Zinc | 3.60E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Aluminum | 1.96E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Antimony | 4.22E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Arsenic | 6.23E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2060701 | 8/29/1996 | 1.0 | Barium | 1.40E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Beryllium | 1.10E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Cadmium | 1.18E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2060701 | 8/29/1996 | 1.0 | Calcium | 5.18E+03 | | NS | NS | No Standard | No Standard | |
| KGA2060701 | 8/29/1996 | 1.0 | Chromium | 3.13E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2060701 | 8/29/1996 | 1.0 | Cobalt | 8.43E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Copper | 4.29E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Iron | 2.32E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Lead | 1.62E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Magnesium | 3.67E+03 | | NS | NS | No Standard | No Standard | |
| KGA2060701 | 8/29/1996 | 1.0 | Manganese | 2.57E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Mercury | 5.41E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Molybdenum | 1.18E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Nickel | 9.84E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Phosphorus | 4.77E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2060701 | 8/29/1996 | 1.0 | Potassium | 3.95E+03 | | NS | NS | No Standard | No Standard | |
| KGA2060701 | 8/29/1996 | 1.0 | Sodium | 6.71E+01 | J | NS | NS | No Standard | No Standard | |
| KGA2060701 | 8/29/1996 | 1.0 | Vanadium | 3.70E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2060701 | 8/29/1996 | 1.0 | Zinc | 6.23E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | 1,3,5-Trinitrobenzene | 1.57E+01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KGA3011203 | 8/5/1996 | 3.0 | 2,4,6-Trinitrotoluene | 4.67E+02 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KGA3011203 | 8/5/1996 | 3.0 | 2,4-Dinitrotoluene | 2.78E-01 | J | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | 2-Amino-4,6-dinitrotoluene | 1.83E+00 | J | NS | NS | No Standard | No Standard | |
| KGA3011203 | 8/5/1996 | 3.0 | Aluminum | 1.00E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | Arsenic | 4.06E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3011203 | 8/5/1996 | 3.0 | Barium | 1.98E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | Beryllium | 3.27E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | Cadmium | 1.58E+00 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | Calcium | 1.07E+04 | J | NS | NS | No Standard | No Standard | |
| KGA3011203 | 8/5/1996 | 3.0 | Chromium | 1.17E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3011203 | 8/5/1996 | 3.0 | Cobalt | 4.31E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | Copper | 5.47E+01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | HMX | 3.56E+01 | J | 3.06E+03 | 3.06E+03 | 3.06E+03 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | Iron | 3.45E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3011203 | 8/5/1996 | 3.0 | Lead | 1.10E+02 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | Magnesium | 2.49E+03 | J | NS | NS | No Standard | No Standard | |
| KGA3011203 | 8/5/1996 | 3.0 | Manganese | 3.40E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | Nickel | 1.66E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | Phosphorus | 2.08E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3011203 | 8/5/1996 | 3.0 | Potassium | 3.43E+03 | J | NS | NS | No Standard | No Standard | |
| KGA3011203 | 8/5/1996 | 3.0 | RDX | 2.59E+02 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | YES |
| KGA3011203 | 8/5/1996 | 3.0 | Selenium | 4.31E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | Sodium | 1.08E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3011203 | 8/5/1996 | 3.0 | Vanadium | 1.73E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3011203 | 8/5/1996 | 3.0 | Zinc | 2.61E+02 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | 1,3,5-Trinitrobenzene | 1.18E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3012903 | 8/6/1996 | 3.0 | 2,4,6-Trinitrotoluene | 9.52E-01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Aluminum | 8.15E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Arsenic | 2.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Barium | 1.20E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Beryllium | 2.93E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Cadmium | 1.58E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Calcium | 7.15E+03 | | NS | NS | No Standard | No Standard | |
| KGA3012903 | 8/6/1996 | 3.0 | Chromium | 1.10E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3012903 | 8/6/1996 | 3.0 | Cobalt | 8.15E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Copper | 6.00E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Iron | 4.52E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3012903 | 8/6/1996 | 3.0 | Lead | 1.70E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Magnesium | 2.60E+03 | | NS | NS | No Standard | No Standard | |
| KGA3012903 | 8/6/1996 | 3.0 | Manganese | 8.15E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Mercury | 5.98E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Molybdenum | 4.20E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Nickel | 2.00E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Phosphorus | 1.27E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3012903 | 8/6/1996 | 3.0 | Potassium | 2.64E+03 | | NS | NS | No Standard | No Standard | |
| KGA3012903 | 8/6/1996 | 3.0 | Selenium | 4.58E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Silver | 7.12E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Sodium | 1.33E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3012903 | 8/6/1996 | 3.0 | Thallium | 6.79E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Vanadium | 1.85E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3012903 | 8/6/1996 | 3.0 | Zinc | 8.41E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Aluminum | 2.32E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Arsenic | 1.13E+02 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3020103 | 8/9/1996 | 3.0 | Barium | 2.30E+04 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | YES |
| KGA3020103 | 8/9/1996 | 3.0 | Beryllium | 5.98E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Cadmium | 2.47E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Calcium | 1.77E+04 | | NS | NS | No Standard | No Standard | |
| KGA3020103 | 8/9/1996 | 3.0 | Chromium | 1.91E+02 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3020103 | 8/9/1996 | 3.0 | Cobalt | 1.83E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Copper | 1.13E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Iron | 2.70E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3020103 | 8/9/1996 | 3.0 | Lead | 3.30E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Magnesium | 2.88E+04 | | NS | NS | No Standard | No Standard | |
| KGA3020103 | 8/9/1996 | 3.0 | Manganese | 5.48E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Mercury | 3.20E+01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Nickel | 1.90E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Phosphorus | 3.48E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3020103 | 8/9/1996 | 3.0 | Potassium | 6.74E+03 | | NS | NS | No Standard | No Standard | |
| KGA3020103 | 8/9/1996 | 3.0 | Sodium | 2.98E+02 | J | NS | NS | No Standard | No Standard | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3020103 | 8/9/1996 | 3.0 | Thallium | 1.10E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Vanadium | 3.02E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3020103 | 8/9/1996 | 3.0 | Zinc | 2.24E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Aluminum | 7.31E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Antimony | 4.72E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Arsenic | 2.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Barium | 1.49E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Beryllium | 3.58E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Cadmium | 1.14E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Calcium | 8.77E+03 | | NS | NS | No Standard | No Standard | |
| KGA3030302 | 8/9/1996 | 2.0 | Chromium | 7.87E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3030302 | 8/9/1996 | 2.0 | Cobalt | 2.36E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Copper | 1.45E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Iron | 1.15E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Lead | 2.40E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Magnesium | 1.70E+03 | | NS | NS | No Standard | No Standard | |
| KGA3030302 | 8/9/1996 | 2.0 | Manganese | 2.80E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Molybdenum | 1.44E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Nickel | 5.86E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Potassium | 2.69E+03 | | NS | NS | No Standard | No Standard | |
| KGA3030302 | 8/9/1996 | 2.0 | Sodium | 5.09E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3030302 | 8/9/1996 | 2.0 | Vanadium | 1.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3030302 | 8/9/1996 | 2.0 | Zinc | 3.22E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Aluminum | 8.81E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Arsenic | 2.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Barium | 1.63E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Beryllium | 3.84E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Cadmium | 2.05E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Calcium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| KGA3040101 | 8/10/1996 | 1.0 | Chromium | 1.04E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3040101 | 8/10/1996 | 1.0 | Cobalt | 3.68E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Copper | 3.06E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Iron | 2.63E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3040101 | 8/10/1996 | 1.0 | Lead | 3.15E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Magnesium | 1.99E+03 | | NS | NS | No Standard | No Standard | |
| KGA3040101 | 8/10/1996 | 1.0 | Manganese | 6.30E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Molybdenum | 1.49E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Nickel | 1.22E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Phosphorus | 2.76E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3040101 | 8/10/1996 | 1.0 | Potassium | 3.38E+03 | | NS | NS | No Standard | No Standard | |
| KGA3040101 | 8/10/1996 | 1.0 | Silver | 5.15E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Sodium | 2.39E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3040101 | 8/10/1996 | 1.0 | Thallium | 6.27E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3040101 | 8/10/1996 | 1.0 | Vanadium | 1.58E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3040101 | 8/10/1996 | 1.0 | Zinc | 2.60E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | 1,3,5-Trinitrobenzene | 8.94E-01 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KGA3060203 | 8/12/1996 | 3.0 | Aluminum | 1.22E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Antimony | 2.50E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Arsenic | 6.76E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3060203 | 8/12/1996 | 3.0 | Barium | 3.30E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Beryllium | 4.42E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Cadmium | 6.58E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Calcium | 7.10E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060203 | 8/12/1996 | 3.0 | Chromium | 2.29E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3060203 | 8/12/1996 | 3.0 | Cobalt | 6.25E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Copper | 1.54E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Iron | 3.89E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3060203 | 8/12/1996 | 3.0 | Lead | 2.40E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Magnesium | 4.70E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060203 | 8/12/1996 | 3.0 | Manganese | 5.65E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Molybdenum | 3.89E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Nickel | 1.69E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Phosphorus | 2.04E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3060203 | 8/12/1996 | 3.0 | Potassium | 3.54E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060203 | 8/12/1996 | 3.0 | Sodium | 1.63E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3060203 | 8/12/1996 | 3.0 | Thallium | 7.59E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Vanadium | 2.13E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3060203 | 8/12/1996 | 3.0 | Zinc | 4.80E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Aluminum | 1.76E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Arsenic | 6.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3070301 | 8/12/1996 | 1.0 | Barium | 1.61E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Beryllium | 7.24E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Cadmium | 1.67E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Calcium | 9.45E+03 | | NS | NS | No Standard | No Standard | |
| KGA3070301 | 8/12/1996 | 1.0 | Chromium | 2.17E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3070301 | 8/12/1996 | 1.0 | Cobalt | 6.90E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Copper | 3.36E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Iron | 3.74E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3070301 | 8/12/1996 | 1.0 | Lead | 9.07E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Magnesium | 3.43E+03 | | NS | NS | No Standard | No Standard | |
| KGA3070301 | 8/12/1996 | 1.0 | Manganese | 3.68E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Mercury | 5.11E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Nickel | 1.50E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Phosphorus | 3.10E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3070301 | 8/12/1996 | 1.0 | Potassium | 4.24E+03 | | NS | NS | No Standard | No Standard | |
| KGA3070301 | 8/12/1996 | 1.0 | Sodium | 5.93E+01 | J | NS | NS | No Standard | No Standard | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3070301 | 8/12/1996 | 1.0 | Thallium | 1.10E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Vanadium | 3.22E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3070301 | 8/12/1996 | 1.0 | Zinc | 2.01E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | 1,3,5-Trinitrobenzene | 3.08E+01 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KGA3080401 | 8/13/1996 | 1.0 | 2,4,6-Trinitrotoluene | 9.74E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KGA3080401 | 8/13/1996 | 1.0 | 2-Amino-4,6-dinitrotoluene | 8.91E-01 | J | NS | NS | No Standard | No Standard | |
| KGA3080401 | 8/13/1996 | 1.0 | Aluminum | 1.95E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Antimony | 2.34E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Arsenic | 2.77E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Barium | 1.60E+04 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | YES |
| KGA3080401 | 8/13/1996 | 1.0 | Beryllium | 3.27E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Cadmium | 2.16E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Calcium | 1.50E+04 | | NS | NS | No Standard | No Standard | |
| KGA3080401 | 8/13/1996 | 1.0 | Chromium | 1.46E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3080401 | 8/13/1996 | 1.0 | Cobalt | 8.40E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Copper | 7.51E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Iron | 1.70E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Lead | 2.40E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Magnesium | 1.59E+04 | | NS | NS | No Standard | No Standard | |
| KGA3080401 | 8/13/1996 | 1.0 | Manganese | 3.48E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Mercury | 3.29E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Nickel | 9.45E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Phosphorus | 2.44E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3080401 | 8/13/1996 | 1.0 | Potassium | 3.74E+03 | | NS | NS | No Standard | No Standard | |
| KGA3080401 | 8/13/1996 | 1.0 | Silver | 2.15E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Sodium | 2.23E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3080401 | 8/13/1996 | 1.0 | Thallium | 1.34E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Vanadium | 1.92E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3080401 | 8/13/1996 | 1.0 | Zinc | 3.50E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3081201 | 8/13/1996 | 1.0 | Aluminum | 2.30E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3081201 | 8/13/1996 | 1.0 | Antimony | 1.07E+02 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| KGA3081201 | 8/13/1996 | 1.0 | Arsenic | 9.00E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3081201 | 8/13/1996 | 1.0 | Barium | 9.48E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3081201 | 8/13/1996 | 1.0 | Cadmium | 9.90E+02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| KGA3081201 | 8/13/1996 | 1.0 | Calcium | 3.71E+04 | | NS | NS | No Standard | No Standard | |
| KGA3081201 | 8/13/1996 | 1.0 | Chromium | 9.30E+02 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3081201 | 8/13/1996 | 1.0 | Cobalt | 2.00E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3081201 | 8/13/1996 | 1.0 | Copper | 8.20E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | YES |
| KGA3081201 | 8/13/1996 | 1.0 | Iron | 1.20E+05 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3081201 | 8/13/1996 | 1.0 | Lead | 6.60E+03 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | YES |
| KGA3081201 | 8/13/1996 | 1.0 | Magnesium | 2.00E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081201 | 8/13/1996 | 1.0 | Manganese | 1.07E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3081201 | 8/13/1996 | 1.0 | Mercury | 2.57E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3081201 | 8/13/1996 | 1.0 | Molybdenum | 5.02E+02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | YES |
| KGA3081201 | 8/13/1996 | 1.0 | Nickel | 2.34E+02 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3081201 | 8/13/1996 | 1.0 | Phosphorus | 7.10E+04 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3081201 | 8/13/1996 | 1.0 | Potassium | 2.53E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081201 | 8/13/1996 | 1.0 | Silver | 9.82E+01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3081201 | 8/13/1996 | 1.0 | Sodium | 1.42E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081201 | 8/13/1996 | 1.0 | Thallium | 6.36E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | YES |
| KGA3081201 | 8/13/1996 | 1.0 | Vanadium | 2.23E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3081201 | 8/13/1996 | 1.0 | Zinc | 9.30E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Aluminum | 7.98E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Arsenic | 2.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Barium | 1.17E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Beryllium | 2.63E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Cadmium | 6.31E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Calcium | 5.73E+03 | | NS | NS | No Standard | No Standard | |
| KGA3082402 | 8/13/1996 | 2.0 | Chromium | 4.13E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3082402 | 8/13/1996 | 2.0 | Cobalt | 1.64E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Copper | 3.95E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Iron | 5.60E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Lead | 5.43E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Magnesium | 1.40E+03 | | NS | NS | No Standard | No Standard | |
| KGA3082402 | 8/13/1996 | 2.0 | Manganese | 1.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Nickel | 2.95E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Phosphorus | 1.56E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3082402 | 8/13/1996 | 2.0 | Potassium | 2.39E+03 | | NS | NS | No Standard | No Standard | |
| KGA3082402 | 8/13/1996 | 2.0 | Sodium | 3.26E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3082402 | 8/13/1996 | 2.0 | Vanadium | 1.45E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3082402 | 8/13/1996 | 2.0 | Zinc | 2.79E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Aluminum | 5.14E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Arsenic | 3.09E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Barium | 8.24E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Beryllium | 3.83E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Cadmium | 9.69E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Calcium | 9.69E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110402 | 8/15/1996 | 2.0 | Chromium | 3.09E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3110402 | 8/15/1996 | 2.0 | Cobalt | 1.60E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Copper | 3.97E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Iron | 8.12E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Lead | 7.32E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Magnesium | 1.19E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110402 | 8/15/1996 | 2.0 | Manganese | 2.40E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Phosphorus | 3.43E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3110402 | 8/15/1996 | 2.0 | Potassium | 1.47E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3110402 | 8/15/1996 | 2.0 | Sodium | 4.57E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3110402 | 8/15/1996 | 2.0 | Vanadium | 1.27E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3110402 | 8/15/1996 | 2.0 | Zinc | 1.64E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Aluminum | 1.02E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Aluminum | 1.05E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Antimony | 4.65E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Arsenic | 2.00E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Arsenic | 2.89E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Barium | 5.86E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Barium | 5.97E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Beryllium | 3.19E-01 | DJ | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Beryllium | 3.13E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Cadmium | 8.53E-01 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Cadmium | 8.15E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Calcium | 7.80E+03 | D | NS | NS | No Standard | No Standard | |
| KGA3140201 | 8/16/1996 | 1.0 | Calcium | 8.40E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140201 | 8/16/1996 | 1.0 | Chromium | 8.15E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3140201 | 8/16/1996 | 1.0 | Chromium | 1.45E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3140201 | 8/16/1996 | 1.0 | Cobalt | 4.92E+00 | DJ | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Cobalt | 6.47E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Copper | 2.36E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Copper | 3.64E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Iron | 1.60E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Iron | 2.51E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3140201 | 8/16/1996 | 1.0 | Lead | 7.72E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Lead | 6.28E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Magnesium | 2.09E+03 | D | NS | NS | No Standard | No Standard | |
| KGA3140201 | 8/16/1996 | 1.0 | Magnesium | 2.24E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140201 | 8/16/1996 | 1.0 | Manganese | 2.57E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Manganese | 2.99E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Mercury | 4.60E-02 | DJ | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Molybdenum | 2.39E+00 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Molybdenum | 2.84E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Nickel | 1.10E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Nickel | 1.70E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Phosphorus | 1.10E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3140201 | 8/16/1996 | 1.0 | Phosphorus | 1.40E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3140201 | 8/16/1996 | 1.0 | Potassium | 3.49E+03 | D | NS | NS | No Standard | No Standard | |
| KGA3140201 | 8/16/1996 | 1.0 | Potassium | 3.77E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140201 | 8/16/1996 | 1.0 | Sodium | 1.56E+02 | DJ | NS | NS | No Standard | No Standard | |
| KGA3140201 | 8/16/1996 | 1.0 | Sodium | 5.74E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3140201 | 8/16/1996 | 1.0 | Thallium | 8.99E-01 | DJ | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Thallium | 1.23E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3140201 | 8/16/1996 | 1.0 | Vanadium | 1.87E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Vanadium | 1.94E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Zinc | 1.31E+03 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3140201 | 8/16/1996 | 1.0 | Zinc | 1.09E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Aluminum | 3.47E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Aluminum | 4.83E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Antimony | 2.48E+01 | D | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Antimony | 2.98E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Arsenic | 2.79E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Arsenic | 2.67E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Barium | 2.06E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Barium | 1.68E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Beryllium | 4.25E-01 | DJ | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Beryllium | 4.35E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Cadmium | 1.80E+02 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| KGA4010302 | 8/3/1996 | 2.0 | Cadmium | 1.40E+02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| KGA4010302 | 8/3/1996 | 2.0 | Calcium | 6.42E+03 | D | NS | NS | No Standard | No Standard | |
| KGA4010302 | 8/3/1996 | 2.0 | Calcium | 6.85E+03 | | NS | NS | No Standard | No Standard | |
| KGA4010302 | 8/3/1996 | 2.0 | Chromium | 1.30E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4010302 | 8/3/1996 | 2.0 | Chromium | 1.36E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4010302 | 8/3/1996 | 2.0 | Cobalt | 2.74E+00 | DJ | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Cobalt | 3.83E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Copper | 1.41E+03 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Copper | 2.50E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Iron | 1.14E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Iron | 1.47E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Lead | 4.60E+02 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | YES |
| KGA4010302 | 8/3/1996 | 2.0 | Lead | 5.30E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | YES |
| KGA4010302 | 8/3/1996 | 2.0 | Magnesium | 1.54E+03 | D | NS | NS | No Standard | No Standard | |
| KGA4010302 | 8/3/1996 | 2.0 | Magnesium | 1.59E+03 | | NS | NS | No Standard | No Standard | |
| KGA4010302 | 8/3/1996 | 2.0 | Manganese | 2.69E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Manganese | 3.13E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Mercury | 5.00E-01 | D | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Mercury | 4.00E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Molybdenum | 1.84E+00 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Molybdenum | 4.22E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Nickel | 5.90E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Nickel | 1.05E+02 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Phosphorus | 1.15E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4010302 | 8/3/1996 | 2.0 | Phosphorus | 1.66E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4010302 | 8/3/1996 | 2.0 | Potassium | 2.42E+03 | D | NS | NS | No Standard | No Standard | |
| KGA4010302 | 8/3/1996 | 2.0 | Potassium | 2.06E+03 | | NS | NS | No Standard | No Standard | |
| KGA4010302 | 8/3/1996 | 2.0 | Silver | 5.01E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4010302 | 8/3/1996 | 2.0 | Sodium | 4.33E+01 | DJ | NS | NS | No Standard | No Standard | |
| KGA4010302 | 8/3/1996 | 2.0 | Sodium | 6.12E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4010302 | 8/3/1996 | 2.0 | Vanadium | 1.54E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Vanadium | 1.74E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Zinc | 3.10E+03 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4010302 | 8/3/1996 | 2.0 | Zinc | 3.50E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | 1,3,5-Trinitrobenzene | 3.05E+01 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KGA4020101 | 8/9/1996 | 1.0 | 2,4,6-Trinitrotoluene | 6.87E+02 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KGA4020101 | 8/9/1996 | 1.0 | 2,4-Dinitrotoluene | 5.82E-01 | | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | 2-Amino-4,6-dinitrotoluene | 2.16E+00 | J | NS | NS | No Standard | No Standard | |
| KGA4020101 | 8/9/1996 | 1.0 | Aluminum | 1.40E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Antimony | 4.90E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Arsenic | 3.53E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Barium | 2.52E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Beryllium | 6.51E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Cadmium | 4.19E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Calcium | 7.06E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020101 | 8/9/1996 | 1.0 | Chromium | 1.34E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4020101 | 8/9/1996 | 1.0 | Cobalt | 4.46E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Copper | 9.02E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Iron | 2.09E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Lead | 1.20E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Magnesium | 2.39E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020101 | 8/9/1996 | 1.0 | Manganese | 2.62E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Mercury | 4.41E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Molybdenum | 2.49E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Nickel | 1.32E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Phosphorus | 6.13E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020101 | 8/9/1996 | 1.0 | Potassium | 3.40E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020101 | 8/9/1996 | 1.0 | RDX | 9.04E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Silver | 7.64E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Sodium | 2.33E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4020101 | 8/9/1996 | 1.0 | Vanadium | 2.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4020101 | 8/9/1996 | 1.0 | Zinc | 1.19E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Aluminum | 3.06E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Arsenic | 5.53E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040101 | 8/8/1996 | 1.0 | Barium | 2.05E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Beryllium | 1.24E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Cadmium | 4.56E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Calcium | 1.18E+04 | | NS | NS | No Standard | No Standard | |
| KGA4040101 | 8/8/1996 | 1.0 | Chromium | 1.87E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4040101 | 8/8/1996 | 1.0 | Cobalt | 7.78E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Copper | 1.56E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4040101 | 8/8/1996 | 1.0 | Iron | 2.12E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Lead | 1.54E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Magnesium | 4.70E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040101 | 8/8/1996 | 1.0 | Manganese | 2.42E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Mercury | 6.11E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Nickel | 1.07E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Phosphorus | 3.45E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040101 | 8/8/1996 | 1.0 | Potassium | 5.02E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040101 | 8/8/1996 | 1.0 | Sodium | 3.25E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4040101 | 8/8/1996 | 1.0 | Vanadium | 4.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4040101 | 8/8/1996 | 1.0 | Zinc | 6.55E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Aluminum | 3.97E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Antimony | 4.12E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| KGA4060101 | 8/8/1996 | 1.0 | Arsenic | 3.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Barium | 4.09E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Beryllium | 7.15E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Cadmium | 8.94E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| KGA4060101 | 8/8/1996 | 1.0 | Calcium | 7.56E+03 | | NS | NS | No Standard | No Standard | |
| KGA4060101 | 8/8/1996 | 1.0 | Chromium | 1.71E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4060101 | 8/8/1996 | 1.0 | Cobalt | 5.29E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Copper | 1.66E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Iron | 1.50E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Lead | 5.10E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | YES |
| KGA4060101 | 8/8/1996 | 1.0 | Magnesium | 2.63E+03 | | NS | NS | No Standard | No Standard | |
| KGA4060101 | 8/8/1996 | 1.0 | Manganese | 3.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Mercury | 4.20E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Nickel | 3.70E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Phosphorus | 1.94E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4060101 | 8/8/1996 | 1.0 | Potassium | 4.42E+03 | | NS | NS | No Standard | No Standard | |
| KGA4060101 | 8/8/1996 | 1.0 | Silver | 6.42E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Sodium | 7.50E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4060101 | 8/8/1996 | 1.0 | Vanadium | 2.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4060101 | 8/8/1996 | 1.0 | Zinc | 1.48E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | 1,3,5-Trinitrobenzene | 1.82E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KGA4090103 | 8/8/1996 | 3.0 | 2,4,6-Trinitrotoluene | 4.16E+01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KGA4090103 | 8/8/1996 | 3.0 | 2-Amino-4,6-dinitrotoluene | 7.67E-01 | J | NS | NS | No Standard | No Standard | |
| KGA4090103 | 8/8/1996 | 3.0 | Aluminum | 7.71E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Arsenic | 1.67E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Barium | 6.84E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Beryllium | 4.16E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Cadmium | 8.46E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Calcium | 8.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090103 | 8/8/1996 | 3.0 | Chromium | 5.17E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4090103 | 8/8/1996 | 3.0 | Cobalt | 1.72E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Copper | 9.50E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Iron | 6.73E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Lead | 1.35E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Magnesium | 1.60E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090103 | 8/8/1996 | 3.0 | Manganese | 1.56E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Molybdenum | 1.75E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Phosphorus | 7.44E+01 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4090103 | 8/8/1996 | 3.0 | Potassium | 2.81E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090103 | 8/8/1996 | 3.0 | Sodium | 5.94E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4090103 | 8/8/1996 | 3.0 | Vanadium | 1.74E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4090103 | 8/8/1996 | 3.0 | Zinc | 1.10E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Aluminum | 2.90E+05 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | YES |
| KGA4100201 | 8/17/1996 | 1.0 | Antimony | 6.45E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | YES |
| KGA4100201 | 8/17/1996 | 1.0 | Arsenic | 1.64E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Barium | 8.10E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Beryllium | 3.20E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Cadmium | 4.33E+01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | YES |
| KGA4100201 | 8/17/1996 | 1.0 | Calcium | 2.69E+03 | | NS | NS | No Standard | No Standard | |
| KGA4100201 | 8/17/1996 | 1.0 | Chromium | 4.22E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4100201 | 8/17/1996 | 1.0 | Cobalt | 3.23E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Copper | 1.40E+04 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | YES |
| KGA4100201 | 8/17/1996 | 1.0 | Iron | 7.52E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Lead | 3.40E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Magnesium | 1.26E+03 | | NS | NS | No Standard | No Standard | |
| KGA4100201 | 8/17/1996 | 1.0 | Manganese | 7.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Mercury | 3.86E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Molybdenum | 1.76E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Nickel | 5.29E+02 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Potassium | 1.48E+03 | | NS | NS | No Standard | No Standard | |
| KGA4100201 | 8/17/1996 | 1.0 | Selenium | 7.87E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Silver | 7.01E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Sodium | 3.84E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4100201 | 8/17/1996 | 1.0 | Thallium | 7.13E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Vanadium | 1.58E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4100201 | 8/17/1996 | 1.0 | Zinc | 5.70E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Aluminum | 1.34E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Antimony | 2.01E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Arsenic | 4.11E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA5010502 | 7/30/1996 | 2.0 | Barium | 2.49E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Beryllium | 6.72E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Calcium | 1.15E+04 | | NS | NS | No Standard | No Standard | |
| KGA5010502 | 7/30/1996 | 2.0 | Chromium | 1.32E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA5010502 | 7/30/1996 | 2.0 | Cobalt | 5.98E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Copper | 8.97E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Iron | 2.50E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA5010502 | 7/30/1996 | 2.0 | Lead | 2.20E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Magnesium | 3.03E+03 | | NS | NS | No Standard | No Standard | |
| KGA5010502 | 7/30/1996 | 2.0 | Manganese | 3.82E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Molybdenum | 2.42E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Nickel | 1.12E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Phosphorus | 4.05E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA5010502 | 7/30/1996 | 2.0 | Potassium | 4.70E+03 | | NS | NS | No Standard | No Standard | |
| KGA5010502 | 7/30/1996 | 2.0 | Sodium | 2.37E+02 | J | NS | NS | No Standard | No Standard | |
| KGA5010502 | 7/30/1996 | 2.0 | Vanadium | 2.58E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA5010502 | 7/30/1996 | 2.0 | Zinc | 2.18E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Aluminum | 3.78E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Antimony | 4.22E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Arsenic | 1.18E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1020102 | 8/20/1996 | 2.0 | Barium | 2.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Beryllium | 1.83E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Calcium | 1.72E+04 | | NS | NS | No Standard | No Standard | |
| KP1020102 | 8/20/1996 | 2.0 | Chromium | 2.71E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP1020102 | 8/20/1996 | 2.0 | Cobalt | 9.54E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Copper | 1.54E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Iron | 3.22E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KP1020102 | 8/20/1996 | 2.0 | Lead | 2.24E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Magnesium | 9.63E+03 | | NS | NS | No Standard | No Standard | |
| KP1020102 | 8/20/1996 | 2.0 | Manganese | 3.96E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Nickel | 1.56E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Phosphorus | 3.10E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1020102 | 8/20/1996 | 2.0 | Potassium | 7.98E+03 | | NS | NS | No Standard | No Standard | |
| KP1020102 | 8/20/1996 | 2.0 | Sodium | 1.25E+02 | J | NS | NS | No Standard | No Standard | |
| KP1020102 | 8/20/1996 | 2.0 | Thallium | 7.15E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Vanadium | 4.75E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP1020102 | 8/20/1996 | 2.0 | Zinc | 8.20E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | 2,4,6-Trinitrotoluene | 3.95E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | 4-Amino-2,6-dinitrotoluene | 7.85E-01 | J | NS | NS | No Standard | No Standard | |
| KP2011201 | 8/7/1996 | 1.0 | Aluminum | 7.62E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Arsenic | 2.57E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Barium | 9.13E+01 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Beryllium | 4.73E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Cadmium | 4.84E+00 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Calcium | 7.15E+03 | J | NS | NS | No Standard | No Standard | |
| KP2011201 | 8/7/1996 | 1.0 | Chromium | 5.17E+00 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2011201 | 8/7/1996 | 1.0 | Cobalt | 3.08E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP2011201 | 8/7/1996 | 1.0 | Copper | 4.08E+01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Iron | 7.60E+03 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Lead | 1.48E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Magnesium | 1.65E+03 | J | NS | NS | No Standard | No Standard | |
| KP2011201 | 8/7/1996 | 1.0 | Manganese | 1.65E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Mercury | 5.37E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Molybdenum | 2.27E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Nickel | 2.20E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Phosphorus | 1.61E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2011201 | 8/7/1996 | 1.0 | Potassium | 2.59E+03 | J | NS | NS | No Standard | No Standard | |
| KP2011201 | 8/7/1996 | 1.0 | Sodium | 2.77E+01 | J | NS | NS | No Standard | No Standard | |
| KP2011201 | 8/7/1996 | 1.0 | Vanadium | 1.75E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2011201 | 8/7/1996 | 1.0 | Zinc | 2.40E+02 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Aluminum | 1.13E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Arsenic | 2.87E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Barium | 3.78E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Beryllium | 4.93E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Cadmium | 5.38E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Calcium | 7.08E+03 | | NS | NS | No Standard | No Standard | |
| KP2033101 | 8/3/1996 | 1.0 | Chromium | 9.74E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2033101 | 8/3/1996 | 1.0 | Cobalt | 3.54E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Copper | 2.13E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Iron | 1.17E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Lead | 2.01E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Magnesium | 2.31E+03 | | NS | NS | No Standard | No Standard | |
| KP2033101 | 8/3/1996 | 1.0 | Manganese | 1.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Mercury | 1.28E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Molybdenum | 2.61E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Nickel | 5.22E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Phosphorus | 1.74E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2033101 | 8/3/1996 | 1.0 | Potassium | 3.22E+03 | | NS | NS | No Standard | No Standard | |
| KP2033101 | 8/3/1996 | 1.0 | Sodium | 6.29E+01 | J | NS | NS | No Standard | No Standard | |
| KP2033101 | 8/3/1996 | 1.0 | Vanadium | 2.20E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2033101 | 8/3/1996 | 1.0 | Zinc | 1.58E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | 2,4,6-Trinitrotoluene | 4.35E-01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Aluminum | 8.77E+03 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Arsenic | 3.03E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Barium | 2.13E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Beryllium | 5.37E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Cadmium | 2.29E+00 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Calcium | 1.21E+04 | J | NS | NS | No Standard | No Standard | |
| KP2051001 | 8/7/1996 | 1.0 | Chromium | 1.27E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2051001 | 8/7/1996 | 1.0 | Cobalt | 4.18E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP2051001 | 8/7/1996 | 1.0 | Copper | 5.17E+01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Iron | 1.18E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Lead | 8.79E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Magnesium | 1.96E+03 | J | NS | NS | No Standard | No Standard | |
| KP2051001 | 8/7/1996 | 1.0 | Manganese | 1.95E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Mercury | 5.63E-01 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Molybdenum | 3.59E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Nickel | 3.70E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Phosphorus | 1.64E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2051001 | 8/7/1996 | 1.0 | Potassium | 2.72E+03 | J | NS | NS | No Standard | No Standard | |
| KP2051001 | 8/7/1996 | 1.0 | RDX | 1.01E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Silver | 5.40E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Sodium | 3.60E+01 | J | NS | NS | No Standard | No Standard | |
| KP2051001 | 8/7/1996 | 1.0 | Vanadium | 1.97E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2051001 | 8/7/1996 | 1.0 | Zinc | 5.12E+02 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | 1,3,5-Trinitrobenzene | 1.03E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KP4AP0405 | 9/3/1996 | 5.0 | 2,4,6-Trinitrotoluene | 4.20E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | 4-Amino-2,6-dinitrotoluene | 3.66E-01 | J | NS | NS | No Standard | No Standard | |
| KP4AP0405 | 9/3/1996 | 5.0 | Aluminum | 1.47E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Antimony | 4.85E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Arsenic | 3.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Barium | 7.80E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Beryllium | 3.68E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Cadmium | 1.58E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Calcium | 8.61E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0405 | 9/3/1996 | 5.0 | Chromium | 1.89E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP4AP0405 | 9/3/1996 | 5.0 | Cobalt | 7.90E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Copper | 1.91E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Iron | 2.89E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KP4AP0405 | 9/3/1996 | 5.0 | Lead | 3.10E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Magnesium | 2.07E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0405 | 9/3/1996 | 5.0 | Manganese | 5.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Mercury | 3.46E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Molybdenum | 2.48E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Nickel | 1.25E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Phosphorus | 3.90E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP4AP0405 | 9/3/1996 | 5.0 | Potassium | 2.32E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0405 | 9/3/1996 | 5.0 | Silver | 4.30E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Sodium | 5.17E+02 | | NS | NS | No Standard | No Standard | |
| KP4AP0405 | 9/3/1996 | 5.0 | Thallium | 1.25E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Vanadium | 2.44E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP4AP0405 | 9/3/1996 | 5.0 | Zinc | 1.35E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1040503 | 8/22/1996 | 3.0 | Total organic carbon | 1.17E+04 | | NS | NS | No Standard | No Standard | |

***Table 5-3***
***Summary of Detected Constituents in Waste, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2010904 | 8/27/1996 | 4.0 | Total organic carbon | 1.28E+04 | | NS | NS | No Standard | No Standard | |
| KGA2020203 | 8/26/1996 | 3.0 | Total organic carbon | 1.70E+04 | | NS | NS | No Standard | No Standard | |
| KGA2021503 | 8/26/1996 | 3.0 | Total organic carbon | 1.91E+04 | | NS | NS | No Standard | No Standard | |
| KGA2060601 | 8/29/1996 | 1.0 | Total organic carbon | 1.45E+04 | | NS | NS | No Standard | No Standard | |
| KGA3010101 | 8/5/1996 | 1.0 | Total organic carbon | 4.56E+03 | | NS | NS | No Standard | No Standard | |
| KGA3012303 | 8/6/1996 | 3.0 | Total organic carbon | 1.45E+04 | | NS | NS | No Standard | No Standard | |
| KGA3016001 | 9/6/1996 | 1.0 | Total organic carbon | 4.62E+03 | | NS | NS | No Standard | No Standard | |
| KGA3020403 | 8/9/1996 | 3.0 | Total organic carbon | 4.62E+04 | | NS | NS | No Standard | No Standard | |
| KGA3026001 | 9/6/1996 | 1.0 | Total organic carbon | 1.04E+04 | | NS | NS | No Standard | No Standard | |
| KGA3036001 | 9/6/1996 | 1.0 | Total organic carbon | 1.10E+04 | | NS | NS | No Standard | No Standard | |
| KGA3056001 | 9/6/1996 | 1.0 | Total organic carbon | 5.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA3082501 | 8/13/1996 | 1.0 | Total organic carbon | 1.85E+04 | | NS | NS | No Standard | No Standard | |
| KGA3110302 | 8/15/1996 | 2.0 | Total organic carbon | 4.14E+03 | J | NS | NS | No Standard | No Standard | |
| KGA3140301 | 8/16/1996 | 1.0 | Total organic carbon | 6.40E+03 | | NS | NS | No Standard | No Standard | |
| KGA3146001 | 9/6/1996 | 1.0 | Total organic carbon | 5.16E+03 | | NS | NS | No Standard | No Standard | |
| KGA4010402 | 8/3/1996 | 2.0 | Total organic carbon | 5.34E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090203 | 8/8/1996 | 3.0 | Total organic carbon | 2.55E+03 | | NS | NS | No Standard | No Standard | |
| KGA4100602 | 8/17/1996 | 2.0 | Total organic carbon | 1.36E+04 | | NS | NS | No Standard | No Standard | |
| KP1020902 | 8/21/1996 | 2.0 | Total organic carbon | 9.75E+03 | | NS | NS | No Standard | No Standard | |
| KP2016001 | 9/6/1996 | 1.0 | Total organic carbon | 7.20E+03 | | NS | NS | No Standard | No Standard | |
| KP2033201 | 8/3/1996 | 1.0 | Total organic carbon | 8.22E+03 | | NS | NS | No Standard | No Standard | |
| KP2046001 | 9/6/1996 | 1.0 | Total organic carbon | 5.19E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0505 | 9/3/1996 | 5.0 | Total organic carbon | 5.86E+03 | | NS | NS | No Standard | No Standard | |
| KP4RW6001 | 9/6/1996 | 1.0 | Total organic carbon | 8.89E+03 | | NS | NS | No Standard | No Standard | |

**Notes:**

mg/kg - milligrams per kilogram

NS - no standard

SSL - Soil Screening Level

MSSL - Medium Specific Screening Level

NMED - New Mexico Environment Department

USEPA - US Environmental Protection Agency

feet bgs - feet below ground surface

Proposed - Cleanup level proposed as described in Permit Attachment 7, Section 7.2.

**Flag Codes:**

D - Duplicate

J - Estimated Concentration

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB010101 | 7/25/1996 | 1.0 | Aluminum | 1.65E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB010101 | 7/25/1996 | 1.0 | Arsenic | 6.65E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB010101 | 7/25/1996 | 1.0 | Barium | 1.87E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB010101 | 7/25/1996 | 1.0 | Beryllium | 8.32E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB010101 | 7/25/1996 | 1.0 | Calcium | 3.78E+03 | | NS | NS | No Standard | No Standard | |
| KB010101 | 7/25/1996 | 1.0 | Chromium | 1.08E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB010101 | 7/25/1996 | 1.0 | Cobalt | 7.11E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB010101 | 7/25/1996 | 1.0 | Copper | 9.54E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB010101 | 7/25/1996 | 1.0 | Iron | 1.97E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB010101 | 7/25/1996 | 1.0 | Lead | 1.17E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB010101 | 7/25/1996 | 1.0 | Magnesium | 2.65E+03 | | NS | NS | No Standard | No Standard | |
| KB010101 | 7/25/1996 | 1.0 | Manganese | 2.96E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB010101 | 7/25/1996 | 1.0 | Molybdenum | 1.23E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB010101 | 7/25/1996 | 1.0 | Nickel | 8.22E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB010101 | 7/25/1996 | 1.0 | Phosphorus | 2.68E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB010101 | 7/25/1996 | 1.0 | Potassium | 3.29E+03 | | NS | NS | No Standard | No Standard | |
| KB010101 | 7/25/1996 | 1.0 | Sodium | 7.06E+01 | J | NS | NS | No Standard | No Standard | |
| KB010101 | 7/25/1996 | 1.0 | Vanadium | 3.38E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB010101 | 7/25/1996 | 1.0 | Zinc | 5.25E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Aluminum | 1.79E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Arsenic | 6.01E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB010203 | 7/25/1996 | 3.0 | Barium | 1.90E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Beryllium | 8.52E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Calcium | 4.30E+03 | | NS | NS | No Standard | No Standard | |
| KB010203 | 7/25/1996 | 3.0 | Chromium | 1.16E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB010203 | 7/25/1996 | 3.0 | Cobalt | 7.71E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Copper | 1.10E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Iron | 1.94E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Lead | 1.37E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Magnesium | 2.96E+03 | | NS | NS | No Standard | No Standard | |
| KB010203 | 7/25/1996 | 3.0 | Manganese | 2.45E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Molybdenum | 1.22E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Nickel | 9.05E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Phosphorus | 2.60E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB010203 | 7/25/1996 | 3.0 | Potassium | 3.13E+03 | | NS | NS | No Standard | No Standard | |
| KB010203 | 7/25/1996 | 3.0 | Sodium | 9.74E+01 | J | NS | NS | No Standard | No Standard | |
| KB010203 | 7/25/1996 | 3.0 | Vanadium | 3.35E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB010203 | 7/25/1996 | 3.0 | Zinc | 5.54E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Aluminum | 1.45E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Aluminum | 1.52E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Antimony | 4.98E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Arsenic | 8.36E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB010305 | 7/25/1996 | 5.0 | Arsenic | 9.02E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB010305 | 7/25/1996 | 5.0 | Barium | 3.01E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB010305 | 7/25/1996 | 5.0 | Barium | 2.92E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Beryllium | 7.82E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Beryllium | 8.92E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Calcium | 5.83E+03 | D | NS | NS | No Standard | No Standard | |
| KB010305 | 7/25/1996 | 5.0 | Calcium | 4.47E+03 | | NS | NS | No Standard | No Standard | |
| KB010305 | 7/25/1996 | 5.0 | Chromium | 9.63E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB010305 | 7/25/1996 | 5.0 | Chromium | 1.03E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB010305 | 7/25/1996 | 5.0 | Cobalt | 9.28E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Cobalt | 6.70E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Copper | 1.08E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Copper | 1.04E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Iron | 2.70E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB010305 | 7/25/1996 | 5.0 | Iron | 2.88E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB010305 | 7/25/1996 | 5.0 | Lead | 1.85E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Lead | 1.86E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Magnesium | 2.57E+03 | D | NS | NS | No Standard | No Standard | |
| KB010305 | 7/25/1996 | 5.0 | Magnesium | 2.78E+03 | | NS | NS | No Standard | No Standard | |
| KB010305 | 7/25/1996 | 5.0 | Manganese | 4.56E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Manganese | 4.57E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Nickel | 1.02E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Nickel | 7.95E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Phosphorus | 3.13E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB010305 | 7/25/1996 | 5.0 | Phosphorus | 2.92E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB010305 | 7/25/1996 | 5.0 | Potassium | 2.44E+03 | D | NS | NS | No Standard | No Standard | |
| KB010305 | 7/25/1996 | 5.0 | Potassium | 2.71E+03 | | NS | NS | No Standard | No Standard | |
| KB010305 | 7/25/1996 | 5.0 | Sodium | 9.87E+01 | DJ | NS | NS | No Standard | No Standard | |
| KB010305 | 7/25/1996 | 5.0 | Sodium | 1.03E+02 | J | NS | NS | No Standard | No Standard | |
| KB010305 | 7/25/1996 | 5.0 | Vanadium | 3.22E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Vanadium | 3.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Zinc | 8.29E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB010305 | 7/25/1996 | 5.0 | Zinc | 9.24E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB020101 | 7/25/1996 | 1.0 | Aluminum | 1.30E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB020101 | 7/25/1996 | 1.0 | Antimony | 4.75E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KB020101 | 7/25/1996 | 1.0 | Arsenic | 4.02E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB020101 | 7/25/1996 | 1.0 | Barium | 2.59E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB020101 | 7/25/1996 | 1.0 | Beryllium | 6.15E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB020101 | 7/25/1996 | 1.0 | Calcium | 6.15E+03 | | NS | NS | No Standard | No Standard | |
| KB020101 | 7/25/1996 | 1.0 | Chromium | 9.41E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB020101 | 7/25/1996 | 1.0 | Cobalt | 4.37E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB020101 | 7/25/1996 | 1.0 | Copper | 8.65E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB020101 | 7/25/1996 | 1.0 | Iron | 1.15E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB020101 | 7/25/1996 | 1.0 | Lead | 1.55E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB020101 | 7/25/1996 | 1.0 | Magnesium | 2.33E+03 | | NS | NS | No Standard | No Standard | |
| KB020101 | 7/25/1996 | 1.0 | Manganese | 3.58E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB020101 | 7/25/1996 | 1.0 | Nickel | 4.43E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB020101 | 7/25/1996 | 1.0 | Phosphorus | 1.88E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB020101 | 7/25/1996 | 1.0 | Potassium | 2.83E+03 | | NS | NS | No Standard | No Standard | |
| KB020101 | 7/25/1996 | 1.0 | Sodium | 8.30E+01 | J | NS | NS | No Standard | No Standard | |
| KB020101 | 7/25/1996 | 1.0 | Vanadium | 2.77E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB020101 | 7/25/1996 | 1.0 | Zinc | 1.53E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Aluminum | 2.11E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Antimony | 6.81E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Arsenic | 5.09E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB020203 | 7/25/1996 | 3.0 | Barium | 1.55E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Beryllium | 9.57E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Calcium | 8.29E+03 | | NS | NS | No Standard | No Standard | |
| KB020203 | 7/25/1996 | 3.0 | Chromium | 1.52E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB020203 | 7/25/1996 | 3.0 | Cobalt | 6.48E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Copper | 1.51E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Iron | 1.74E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Lead | 1.98E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Magnesium | 3.77E+03 | | NS | NS | No Standard | No Standard | |
| KB020203 | 7/25/1996 | 3.0 | Manganese | 2.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Molybdenum | 1.17E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Nickel | 8.26E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Phosphorus | 3.10E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB020203 | 7/25/1996 | 3.0 | Potassium | 3.66E+03 | | NS | NS | No Standard | No Standard | |
| KB020203 | 7/25/1996 | 3.0 | Selenium | 4.24E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Sodium | 1.16E+02 | J | NS | NS | No Standard | No Standard | |
| KB020203 | 7/25/1996 | 3.0 | Vanadium | 3.66E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB020203 | 7/25/1996 | 3.0 | Zinc | 2.95E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB020305 | 7/25/1996 | 5.0 | Aluminum | 1.28E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB020305 | 7/25/1996 | 5.0 | Arsenic | 7.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB020305 | 7/25/1996 | 5.0 | Barium | 1.57E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB020305 | 7/25/1996 | 5.0 | Beryllium | 7.17E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB020305 | 7/25/1996 | 5.0 | Calcium | 4.79E+03 | | NS | NS | No Standard | No Standard | |
| KB020305 | 7/25/1996 | 5.0 | Chromium | 9.37E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB020305 | 7/25/1996 | 5.0 | Cobalt | 6.49E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB020305 | 7/25/1996 | 5.0 | Copper | 1.03E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB020305 | 7/25/1996 | 5.0 | Iron | 1.57E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB020305 | 7/25/1996 | 5.0 | Lead | 1.16E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB020305 | 7/25/1996 | 5.0 | Magnesium | 2.38E+03 | | NS | NS | No Standard | No Standard | |
| KB020305 | 7/25/1996 | 5.0 | Manganese | 2.27E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB020305 | 7/25/1996 | 5.0 | Nickel | 6.64E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB020305 | 7/25/1996 | 5.0 | Phosphorus | 2.17E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB020305 | 7/25/1996 | 5.0 | Potassium | 2.09E+03 | | NS | NS | No Standard | No Standard | |
| KB020305 | 7/25/1996 | 5.0 | Sodium | 1.16E+02 | J | NS | NS | No Standard | No Standard | |
| KB020305 | 7/25/1996 | 5.0 | Vanadium | 2.76E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB020305 | 7/25/1996 | 5.0 | Zinc | 8.35E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Aluminum | 1.32E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Arsenic | 5.29E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB030101 | 7/25/1996 | 1.0 | Barium | 1.25E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Beryllium | 6.75E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Calcium | 3.19E+03 | | NS | NS | No Standard | No Standard | |
| KB030101 | 7/25/1996 | 1.0 | Chromium | 9.44E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB030101 | 7/25/1996 | 1.0 | Cobalt | 6.01E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Copper | 9.86E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Iron | 1.54E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Lead | 1.15E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Magnesium | 2.29E+03 | | NS | NS | No Standard | No Standard | |
| KB030101 | 7/25/1996 | 1.0 | Manganese | 2.16E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Molybdenum | 1.45E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Nickel | 6.00E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Phosphorus | 2.25E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB030101 | 7/25/1996 | 1.0 | Potassium | 2.48E+03 | | NS | NS | No Standard | No Standard | |
| KB030101 | 7/25/1996 | 1.0 | Sodium | 9.25E+01 | J | NS | NS | No Standard | No Standard | |
| KB030101 | 7/25/1996 | 1.0 | Vanadium | 2.78E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB030101 | 7/25/1996 | 1.0 | Zinc | 4.69E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Aluminum | 1.07E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Antimony | 3.45E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Arsenic | 8.95E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB030203 | 7/25/1996 | 3.0 | Barium | 2.18E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Beryllium | 7.43E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Calcium | 5.70E+03 | | NS | NS | No Standard | No Standard | |
| KB030203 | 7/25/1996 | 3.0 | Chromium | 8.20E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB030203 | 7/25/1996 | 3.0 | Cobalt | 7.17E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Copper | 9.33E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Iron | 3.05E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB030203 | 7/25/1996 | 3.0 | Lead | 1.27E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Magnesium | 2.04E+03 | | NS | NS | No Standard | No Standard | |
| KB030203 | 7/25/1996 | 3.0 | Manganese | 5.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Nickel | 9.26E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Phosphorus | 2.78E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB030203 | 7/25/1996 | 3.0 | Potassium | 1.86E+03 | | NS | NS | No Standard | No Standard | |
| KB030203 | 7/25/1996 | 3.0 | Selenium | 6.60E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Sodium | 7.25E+01 | J | NS | NS | No Standard | No Standard | |
| KB030203 | 7/25/1996 | 3.0 | Vanadium | 3.09E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB030203 | 7/25/1996 | 3.0 | Zinc | 5.73E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB030305 | 7/25/1996 | 5.0 | Aluminum | 1.37E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB030305 | 7/25/1996 | 5.0 | Arsenic | 9.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB030305 | 7/25/1996 | 5.0 | Barium | 3.13E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB030305 | 7/25/1996 | 5.0 | Beryllium | 8.47E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB030305 | 7/25/1996 | 5.0 | Calcium | 6.95E+03 | | NS | NS | No Standard | No Standard | |
| KB030305 | 7/25/1996 | 5.0 | Chromium | 1.04E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB030305 | 7/25/1996 | 5.0 | Cobalt | 7.30E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB030305 | 7/25/1996 | 5.0 | Copper | 1.65E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB030305 | 7/25/1996 | 5.0 | Iron | 3.20E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB030305 | 7/25/1996 | 5.0 | Lead | 3.63E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB030305 | 7/25/1996 | 5.0 | Magnesium | 2.48E+03 | | NS | NS | No Standard | No Standard | |
| KB030305 | 7/25/1996 | 5.0 | Manganese | 5.57E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB030305 | 7/25/1996 | 5.0 | Molybdenum | 1.91E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB030305 | 7/25/1996 | 5.0 | Nickel | 8.70E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB030305 | 7/25/1996 | 5.0 | Phosphorus | 3.17E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB030305 | 7/25/1996 | 5.0 | Potassium | 2.29E+03 | | NS | NS | No Standard | No Standard | |
| KB030305 | 7/25/1996 | 5.0 | Selenium | 1.71E+00 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB030305 | 7/25/1996 | 5.0 | Sodium | 8.52E+01 | J | NS | NS | No Standard | No Standard | |
| KB030305 | 7/25/1996 | 5.0 | Vanadium | 3.55E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB030305 | 7/25/1996 | 5.0 | Zinc | 3.91E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB040101 | 7/25/1996 | 1.0 | Aluminum | 1.80E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB040101 | 7/25/1996 | 1.0 | Arsenic | 5.55E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB040101 | 7/25/1996 | 1.0 | Barium | 1.57E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB040101 | 7/25/1996 | 1.0 | Beryllium | 9.33E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB040101 | 7/25/1996 | 1.0 | Calcium | 5.75E+03 | | NS | NS | No Standard | No Standard | |
| KB040101 | 7/25/1996 | 1.0 | Chromium | 1.17E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB040101 | 7/25/1996 | 1.0 | Cobalt | 6.74E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB040101 | 7/25/1996 | 1.0 | Copper | 1.15E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB040101 | 7/25/1996 | 1.0 | Iron | 1.59E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB040101 | 7/25/1996 | 1.0 | Lead | 1.30E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB040101 | 7/25/1996 | 1.0 | Magnesium | 2.97E+03 | | NS | NS | No Standard | No Standard | |
| KB040101 | 7/25/1996 | 1.0 | Manganese | 2.15E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB040101 | 7/25/1996 | 1.0 | Nickel | 6.50E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB040101 | 7/25/1996 | 1.0 | Phosphorus | 2.57E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB040101 | 7/25/1996 | 1.0 | Potassium | 2.73E+03 | | NS | NS | No Standard | No Standard | |
| KB040101 | 7/25/1996 | 1.0 | Sodium | 1.33E+02 | J | NS | NS | No Standard | No Standard | |
| KB040101 | 7/25/1996 | 1.0 | Vanadium | 3.20E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB040101 | 7/25/1996 | 1.0 | Zinc | 5.61E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Aluminum | 1.55E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Arsenic | 6.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB040203 | 7/25/1996 | 3.0 | Barium | 2.07E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Beryllium | 7.49E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Calcium | 4.48E+03 | | NS | NS | No Standard | No Standard | |
| KB040203 | 7/25/1996 | 3.0 | Chromium | 1.05E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB040203 | 7/25/1996 | 3.0 | Cobalt | 5.96E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Copper | 8.69E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Iron | 1.91E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Lead | 1.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB040203 | 7/25/1996 | 3.0 | Magnesium | 2.60E+03 | | NS | NS | No Standard | No Standard | |
| KB040203 | 7/25/1996 | 3.0 | Manganese | 2.72E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Mercury | 6.20E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Molybdenum | 2.60E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Nickel | 8.20E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Phosphorus | 2.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB040203 | 7/25/1996 | 3.0 | Potassium | 2.53E+03 | | NS | NS | No Standard | No Standard | |
| KB040203 | 7/25/1996 | 3.0 | Sodium | 1.36E+02 | J | NS | NS | No Standard | No Standard | |
| KB040203 | 7/25/1996 | 3.0 | Vanadium | 3.05E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB040203 | 7/25/1996 | 3.0 | Zinc | 4.97E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB040305 | 7/25/1996 | 5.0 | Aluminum | 1.49E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB040305 | 7/25/1996 | 5.0 | Arsenic | 6.04E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB040305 | 7/25/1996 | 5.0 | Barium | 2.03E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB040305 | 7/25/1996 | 5.0 | Beryllium | 7.53E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB040305 | 7/25/1996 | 5.0 | Calcium | 4.54E+03 | | NS | NS | No Standard | No Standard | |
| KB040305 | 7/25/1996 | 5.0 | Chromium | 1.02E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB040305 | 7/25/1996 | 5.0 | Cobalt | 1.16E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB040305 | 7/25/1996 | 5.0 | Copper | 8.45E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB040305 | 7/25/1996 | 5.0 | Iron | 1.59E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB040305 | 7/25/1996 | 5.0 | Lead | 1.12E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB040305 | 7/25/1996 | 5.0 | Magnesium | 2.54E+03 | | NS | NS | No Standard | No Standard | |
| KB040305 | 7/25/1996 | 5.0 | Manganese | 2.45E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB040305 | 7/25/1996 | 5.0 | Nickel | 8.36E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB040305 | 7/25/1996 | 5.0 | Phosphorus | 2.41E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB040305 | 7/25/1996 | 5.0 | Potassium | 2.46E+03 | | NS | NS | No Standard | No Standard | |
| KB040305 | 7/25/1996 | 5.0 | Sodium | 1.13E+02 | J | NS | NS | No Standard | No Standard | |
| KB040305 | 7/25/1996 | 5.0 | Vanadium | 2.84E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB040305 | 7/25/1996 | 5.0 | Zinc | 4.26E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | 4-Amino-2,6-dinitrotoluene | 5.03E-01 | DJ | NS | NS | No Standard | No Standard | |
| KB050101 | 7/25/1996 | 1.0 | Aluminum | 1.33E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Aluminum | 1.60E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Arsenic | 5.80E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB050101 | 7/25/1996 | 1.0 | Arsenic | 5.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB050101 | 7/25/1996 | 1.0 | Barium | 1.74E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Barium | 1.71E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Beryllium | 7.59E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Beryllium | 7.45E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Calcium | 4.86E+03 | D | NS | NS | No Standard | No Standard | |
| KB050101 | 7/25/1996 | 1.0 | Calcium | 5.36E+03 | | NS | NS | No Standard | No Standard | |
| KB050101 | 7/25/1996 | 1.0 | Chromium | 9.47E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB050101 | 7/25/1996 | 1.0 | Chromium | 1.09E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB050101 | 7/25/1996 | 1.0 | Cobalt | 6.62E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Cobalt | 7.15E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Copper | 9.44E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB050101 | 7/25/1996 | 1.0 | Copper | 9.59E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Iron | 1.60E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Iron | 1.61E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Lead | 1.14E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Lead | 1.14E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Magnesium | 2.59E+03 | D | NS | NS | No Standard | No Standard | |
| KB050101 | 7/25/1996 | 1.0 | Magnesium | 2.86E+03 | | NS | NS | No Standard | No Standard | |
| KB050101 | 7/25/1996 | 1.0 | Manganese | 2.56E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Manganese | 2.26E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Nickel | 8.09E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Nickel | 7.47E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Phosphorus | 2.39E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB050101 | 7/25/1996 | 1.0 | Phosphorus | 2.82E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB050101 | 7/25/1996 | 1.0 | Potassium | 2.18E+03 | D | NS | NS | No Standard | No Standard | |
| KB050101 | 7/25/1996 | 1.0 | Potassium | 2.58E+03 | | NS | NS | No Standard | No Standard | |
| KB050101 | 7/25/1996 | 1.0 | Sodium | 8.71E+01 | DJ | NS | NS | No Standard | No Standard | |
| KB050101 | 7/25/1996 | 1.0 | Sodium | 8.66E+01 | J | NS | NS | No Standard | No Standard | |
| KB050101 | 7/25/1996 | 1.0 | Vanadium | 2.81E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Vanadium | 3.13E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Zinc | 5.19E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB050101 | 7/25/1996 | 1.0 | Zinc | 4.96E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB050203 | 7/25/1996 | 3.0 | Aluminum | 1.53E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB050203 | 7/25/1996 | 3.0 | Arsenic | 5.35E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB050203 | 7/25/1996 | 3.0 | Barium | 2.07E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB050203 | 7/25/1996 | 3.0 | Beryllium | 6.87E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB050203 | 7/25/1996 | 3.0 | Calcium | 4.44E+03 | | NS | NS | No Standard | No Standard | |
| KB050203 | 7/25/1996 | 3.0 | Chromium | 1.01E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB050203 | 7/25/1996 | 3.0 | Cobalt | 6.36E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB050203 | 7/25/1996 | 3.0 | Copper | 8.07E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB050203 | 7/25/1996 | 3.0 | Iron | 1.52E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB050203 | 7/25/1996 | 3.0 | Lead | 1.05E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB050203 | 7/25/1996 | 3.0 | Magnesium | 2.58E+03 | | NS | NS | No Standard | No Standard | |
| KB050203 | 7/25/1996 | 3.0 | Manganese | 2.06E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB050203 | 7/25/1996 | 3.0 | Nickel | 5.38E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB050203 | 7/25/1996 | 3.0 | Phosphorus | 2.52E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB050203 | 7/25/1996 | 3.0 | Potassium | 2.57E+03 | | NS | NS | No Standard | No Standard | |
| KB050203 | 7/25/1996 | 3.0 | Sodium | 1.05E+02 | J | NS | NS | No Standard | No Standard | |
| KB050203 | 7/25/1996 | 3.0 | Vanadium | 2.97E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB050203 | 7/25/1996 | 3.0 | Zinc | 4.36E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB050305 | 7/25/1996 | 5.0 | Aluminum | 1.41E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB050305 | 7/25/1996 | 5.0 | Arsenic | 5.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB050305 | 7/25/1996 | 5.0 | Barium | 1.66E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB050305 | 7/25/1996 | 5.0 | Beryllium | 7.77E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB050305 | 7/25/1996 | 5.0 | Calcium | 6.84E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB050305 | 7/25/1996 | 5.0 | Chromium | 1.04E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB050305 | 7/25/1996 | 5.0 | Cobalt | 5.93E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB050305 | 7/25/1996 | 5.0 | Copper | 9.97E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB050305 | 7/25/1996 | 5.0 | Iron | 1.61E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB050305 | 7/25/1996 | 5.0 | Lead | 1.09E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB050305 | 7/25/1996 | 5.0 | Magnesium | 2.86E+03 | | NS | NS | No Standard | No Standard | |
| KB050305 | 7/25/1996 | 5.0 | Manganese | 2.39E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB050305 | 7/25/1996 | 5.0 | Nickel | 9.52E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB050305 | 7/25/1996 | 5.0 | Phosphorus | 2.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB050305 | 7/25/1996 | 5.0 | Potassium | 2.29E+03 | | NS | NS | No Standard | No Standard | |
| KB050305 | 7/25/1996 | 5.0 | Sodium | 1.92E+02 | J | NS | NS | No Standard | No Standard | |
| KB050305 | 7/25/1996 | 5.0 | Vanadium | 2.76E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB050305 | 7/25/1996 | 5.0 | Zinc | 4.87E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Aluminum | 1.51E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Arsenic | 3.86E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Barium | 1.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Beryllium | 6.65E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Cadmium | 2.36E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Calcium | 7.63E+03 | | NS | NS | No Standard | No Standard | |
| KB060101 | 7/25/1996 | 1.0 | Chromium | 1.03E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB060101 | 7/25/1996 | 1.0 | Cobalt | 4.23E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Copper | 1.78E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Iron | 1.34E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Lead | 4.30E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Magnesium | 2.77E+03 | | NS | NS | No Standard | No Standard | |
| KB060101 | 7/25/1996 | 1.0 | Manganese | 1.86E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Mercury | 8.18E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Molybdenum | 1.39E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Nickel | 8.55E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Phosphorus | 1.91E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB060101 | 7/25/1996 | 1.0 | Potassium | 3.48E+03 | | NS | NS | No Standard | No Standard | |
| KB060101 | 7/25/1996 | 1.0 | Sodium | 5.77E+01 | J | NS | NS | No Standard | No Standard | |
| KB060101 | 7/25/1996 | 1.0 | Vanadium | 2.86E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB060101 | 7/25/1996 | 1.0 | Zinc | 5.36E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Aluminum | 1.53E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Arsenic | 3.45E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Barium | 1.08E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Beryllium | 6.45E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Cadmium | 7.85E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Calcium | 8.11E+03 | | NS | NS | No Standard | No Standard | |
| KB060203 | 7/25/1996 | 3.0 | Chromium | 9.73E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB060203 | 7/25/1996 | 3.0 | Cobalt | 4.65E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Copper | 6.07E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Iron | 1.23E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB060203 | 7/25/1996 | 3.0 | Lead | 2.22E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Magnesium | 2.75E+03 | | NS | NS | No Standard | No Standard | |
| KB060203 | 7/25/1996 | 3.0 | Manganese | 2.02E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Mercury | 5.42E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Molybdenum | 2.81E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Nickel | 5.26E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Phosphorus | 1.94E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB060203 | 7/25/1996 | 3.0 | Potassium | 3.24E+03 | | NS | NS | No Standard | No Standard | |
| KB060203 | 7/25/1996 | 3.0 | Sodium | 7.80E+01 | J | NS | NS | No Standard | No Standard | |
| KB060203 | 7/25/1996 | 3.0 | Vanadium | 2.60E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB060203 | 7/25/1996 | 3.0 | Zinc | 2.66E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB060305 | 7/25/1996 | 5.0 | Aluminum | 1.38E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB060305 | 7/25/1996 | 5.0 | Arsenic | 4.97E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB060305 | 7/25/1996 | 5.0 | Barium | 2.43E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB060305 | 7/25/1996 | 5.0 | Beryllium | 6.63E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB060305 | 7/25/1996 | 5.0 | Calcium | 8.57E+03 | | NS | NS | No Standard | No Standard | |
| KB060305 | 7/25/1996 | 5.0 | Chromium | 1.21E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB060305 | 7/25/1996 | 5.0 | Cobalt | 6.26E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB060305 | 7/25/1996 | 5.0 | Copper | 2.36E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB060305 | 7/25/1996 | 5.0 | Iron | 1.77E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB060305 | 7/25/1996 | 5.0 | Lead | 1.34E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB060305 | 7/25/1996 | 5.0 | Magnesium | 2.58E+03 | | NS | NS | No Standard | No Standard | |
| KB060305 | 7/25/1996 | 5.0 | Manganese | 3.22E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB060305 | 7/25/1996 | 5.0 | Nickel | 6.68E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB060305 | 7/25/1996 | 5.0 | Phosphorus | 2.34E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB060305 | 7/25/1996 | 5.0 | Potassium | 2.57E+03 | | NS | NS | No Standard | No Standard | |
| KB060305 | 7/25/1996 | 5.0 | Sodium | 8.17E+01 | J | NS | NS | No Standard | No Standard | |
| KB060305 | 7/25/1996 | 5.0 | Vanadium | 2.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB060305 | 7/25/1996 | 5.0 | Zinc | 1.19E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Aluminum | 1.35E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Arsenic | 3.24E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Barium | 1.10E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Beryllium | 5.88E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Calcium | 6.83E+03 | | NS | NS | No Standard | No Standard | |
| KB070101 | 7/25/1996 | 1.0 | Chromium | 7.95E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB070101 | 7/25/1996 | 1.0 | Cobalt | 2.69E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Copper | 6.50E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Iron | 1.06E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Lead | 7.82E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Magnesium | 2.43E+03 | | NS | NS | No Standard | No Standard | |
| KB070101 | 7/25/1996 | 1.0 | Manganese | 1.74E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Nickel | 3.86E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Phosphorus | 1.57E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB070101 | 7/25/1996 | 1.0 | Potassium | 3.27E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB070101 | 7/25/1996 | 1.0 | Sodium | 5.86E+01 | J | NS | NS | No Standard | No Standard | |
| KB070101 | 7/25/1996 | 1.0 | Vanadium | 2.67E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB070101 | 7/25/1996 | 1.0 | Zinc | 3.92E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | 1,3,5-Trinitrobenzene | 8.04E-01 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KB070203 | 7/25/1996 | 3.0 | 2,4,6-Trinitrotoluene | 2.63E+02 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KB070203 | 7/25/1996 | 3.0 | Aluminum | 1.35E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Arsenic | 3.94E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB070203 | 7/25/1996 | 3.0 | Barium | 1.40E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Beryllium | 6.04E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Calcium | 6.71E+03 | | NS | NS | No Standard | No Standard | |
| KB070203 | 7/25/1996 | 3.0 | Chromium | 8.42E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB070203 | 7/25/1996 | 3.0 | Cobalt | 4.32E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Copper | 6.65E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Iron | 1.17E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Lead | 8.85E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Magnesium | 2.37E+03 | | NS | NS | No Standard | No Standard | |
| KB070203 | 7/25/1996 | 3.0 | Manganese | 2.03E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Molybdenum | 1.35E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Nickel | 4.66E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Phosphorus | 1.50E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB070203 | 7/25/1996 | 3.0 | Potassium | 2.95E+03 | | NS | NS | No Standard | No Standard | |
| KB070203 | 7/25/1996 | 3.0 | RDX | 4.60E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Sodium | 8.63E+01 | J | NS | NS | No Standard | No Standard | |
| KB070203 | 7/25/1996 | 3.0 | Tetryl | 2.01E-01 | J | NS | 2.44E+02 | 2.44E+02 | Proposed | |
| KB070203 | 7/25/1996 | 3.0 | Vanadium | 2.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB070203 | 7/25/1996 | 3.0 | Zinc | 4.52E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB070305 | 7/25/1996 | 5.0 | 1,3,5-Trinitrobenzene | 3.86E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KB070305 | 7/25/1996 | 5.0 | 2,4,6-Trinitrotoluene | 1.56E+02 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KB070305 | 7/25/1996 | 5.0 | Aluminum | 1.39E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB070305 | 7/25/1996 | 5.0 | Arsenic | 7.68E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB070305 | 7/25/1996 | 5.0 | Barium | 1.72E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB070305 | 7/25/1996 | 5.0 | Beryllium | 1.07E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB070305 | 7/25/1996 | 5.0 | Calcium | 5.57E+03 | | NS | NS | No Standard | No Standard | |
| KB070305 | 7/25/1996 | 5.0 | Chromium | 9.80E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB070305 | 7/25/1996 | 5.0 | Cobalt | 7.67E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB070305 | 7/25/1996 | 5.0 | Copper | 8.74E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB070305 | 7/25/1996 | 5.0 | Iron | 3.18E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB070305 | 7/25/1996 | 5.0 | Lead | 1.06E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB070305 | 7/25/1996 | 5.0 | Magnesium | 2.47E+03 | | NS | NS | No Standard | No Standard | |
| KB070305 | 7/25/1996 | 5.0 | Manganese | 3.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB070305 | 7/25/1996 | 5.0 | Nickel | 7.87E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB070305 | 7/25/1996 | 5.0 | Phosphorus | 2.35E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB070305 | 7/25/1996 | 5.0 | Potassium | 2.60E+03 | | NS | NS | No Standard | No Standard | |
| KB070305 | 7/25/1996 | 5.0 | Sodium | 9.20E+01 | J | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB070305 | 7/25/1996 | 5.0 | Vanadium | 3.15E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB070305 | 7/25/1996 | 5.0 | Zinc | 6.49E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Aluminum | 1.74E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Arsenic | 4.46E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB080101 | 7/25/1996 | 1.0 | Barium | 1.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Beryllium | 7.48E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Cadmium | 5.34E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Calcium | 5.96E+03 | | NS | NS | No Standard | No Standard | |
| KB080101 | 7/25/1996 | 1.0 | Chromium | 1.22E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB080101 | 7/25/1996 | 1.0 | Cobalt | 5.46E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Copper | 2.21E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Iron | 1.44E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Lead | 2.31E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Magnesium | 3.05E+03 | | NS | NS | No Standard | No Standard | |
| KB080101 | 7/25/1996 | 1.0 | Manganese | 1.93E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Mercury | 1.40E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Nickel | 6.51E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Phosphorus | 2.39E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB080101 | 7/25/1996 | 1.0 | Potassium | 3.59E+03 | | NS | NS | No Standard | No Standard | |
| KB080101 | 7/25/1996 | 1.0 | Sodium | 7.17E+01 | J | NS | NS | No Standard | No Standard | |
| KB080101 | 7/25/1996 | 1.0 | Vanadium | 3.07E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB080101 | 7/25/1996 | 1.0 | Zinc | 5.99E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Aluminum | 1.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Antimony | 3.42E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Arsenic | 8.18E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB080203 | 7/25/1996 | 3.0 | Barium | 2.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Beryllium | 7.14E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Calcium | 9.94E+03 | | NS | NS | No Standard | No Standard | |
| KB080203 | 7/25/1996 | 3.0 | Chromium | 8.36E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB080203 | 7/25/1996 | 3.0 | Cobalt | 7.44E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Copper | 9.07E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Iron | 2.55E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB080203 | 7/25/1996 | 3.0 | Lead | 1.12E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Magnesium | 2.15E+03 | | NS | NS | No Standard | No Standard | |
| KB080203 | 7/25/1996 | 3.0 | Manganese | 4.97E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Molybdenum | 3.49E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Nickel | 6.85E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Phosphorus | 3.07E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB080203 | 7/25/1996 | 3.0 | Potassium | 1.94E+03 | | NS | NS | No Standard | No Standard | |
| KB080203 | 7/25/1996 | 3.0 | Sodium | 8.63E+01 | J | NS | NS | No Standard | No Standard | |
| KB080203 | 7/25/1996 | 3.0 | Vanadium | 2.88E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB080203 | 7/25/1996 | 3.0 | Zinc | 6.50E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Aluminum | 1.08E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Antimony | 4.49E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB080305 | 7/25/1996 | 5.0 | Arsenic | 1.17E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB080305 | 7/25/1996 | 5.0 | Barium | 1.30E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Beryllium | 8.65E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Calcium | 9.63E+03 | | NS | NS | No Standard | No Standard | |
| KB080305 | 7/25/1996 | 5.0 | Chromium | 7.68E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KB080305 | 7/25/1996 | 5.0 | Cobalt | 5.26E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Copper | 7.89E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Iron | 8.80E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB080305 | 7/25/1996 | 5.0 | Lead | 9.41E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Magnesium | 2.26E+03 | | NS | NS | No Standard | No Standard | |
| KB080305 | 7/25/1996 | 5.0 | Manganese | 3.80E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | YES |
| KB080305 | 7/25/1996 | 5.0 | Mercury | 4.74E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Molybdenum | 2.24E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Nickel | 5.71E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Phosphorus | 2.13E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB080305 | 7/25/1996 | 5.0 | Potassium | 1.80E+03 | | NS | NS | No Standard | No Standard | |
| KB080305 | 7/25/1996 | 5.0 | Selenium | 4.73E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Sodium | 7.84E+01 | J | NS | NS | No Standard | No Standard | |
| KB080305 | 7/25/1996 | 5.0 | Vanadium | 2.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KB080305 | 7/25/1996 | 5.0 | Zinc | 5.44E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK0101 | 7/17/1996 | 1.0 | Aluminum | 9.47E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK0101 | 7/17/1996 | 1.0 | Arsenic | 8.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0101 | 7/17/1996 | 1.0 | Barium | 1.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK0101 | 7/17/1996 | 1.0 | Beryllium | 6.29E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK0101 | 7/17/1996 | 1.0 | Calcium | 1.35E+04 | | NS | NS | No Standard | No Standard | |
| KBK0101 | 7/17/1996 | 1.0 | Iron | 1.50E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KBK0101 | 7/17/1996 | 1.0 | Lead | 1.18E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK0101 | 7/17/1996 | 1.0 | Magnesium | 5.00E+03 | | NS | NS | No Standard | No Standard | |
| KBK0101 | 7/17/1996 | 1.0 | Manganese | 2.22E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK0101 | 7/17/1996 | 1.0 | Mercury | 4.05E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KBK0101 | 7/17/1996 | 1.0 | Phosphorus | 3.02E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0101 | 7/17/1996 | 1.0 | Potassium | 2.13E+03 | | NS | NS | No Standard | No Standard | |
| KBK0101 | 7/17/1996 | 1.0 | Selenium | 3.16E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK0101 | 7/17/1996 | 1.0 | Vanadium | 1.89E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK0101 | 7/17/1996 | 1.0 | Zinc | 3.50E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK0201 | 7/17/1996 | 1.0 | Aluminum | 1.30E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK0201 | 7/17/1996 | 1.0 | Arsenic | 8.85E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0201 | 7/17/1996 | 1.0 | Barium | 1.54E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK0201 | 7/17/1996 | 1.0 | Beryllium | 7.05E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK0201 | 7/17/1996 | 1.0 | Calcium | 2.94E+04 | | NS | NS | No Standard | No Standard | |
| KBK0201 | 7/17/1996 | 1.0 | Chromium | 9.31E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK0201 | 7/17/1996 | 1.0 | Copper | 7.63E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK0201 | 7/17/1996 | 1.0 | Iron | 1.72E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KBK0201 | 7/17/1996 | 1.0 | Lead | 1.21E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KBK0201 | 7/17/1996 | 1.0 | Magnesium | 7.61E+03 | | NS | NS | No Standard | No Standard | |
| KBK0201 | 7/17/1996 | 1.0 | Manganese | 2.33E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK0201 | 7/17/1996 | 1.0 | Phosphorus | 3.79E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0201 | 7/17/1996 | 1.0 | Potassium | 2.87E+03 | | NS | NS | No Standard | No Standard | |
| KBK0201 | 7/17/1996 | 1.0 | Selenium | 3.99E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK0201 | 7/17/1996 | 1.0 | Vanadium | 1.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK0201 | 7/17/1996 | 1.0 | Zinc | 4.20E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK0301 | 7/17/1996 | 1.0 | Aluminum | 2.13E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK0301 | 7/17/1996 | 1.0 | Arsenic | 7.86E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0301 | 7/17/1996 | 1.0 | Beryllium | 9.24E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK0301 | 7/17/1996 | 1.0 | Calcium | 1.15E+04 | | NS | NS | No Standard | No Standard | |
| KBK0301 | 7/17/1996 | 1.0 | Chromium | 1.59E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK0301 | 7/17/1996 | 1.0 | Copper | 3.00E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK0301 | 7/17/1996 | 1.0 | Iron | 2.87E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK0301 | 7/17/1996 | 1.0 | Lead | 2.02E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK0301 | 7/17/1996 | 1.0 | Magnesium | 5.58E+03 | | NS | NS | No Standard | No Standard | |
| KBK0301 | 7/17/1996 | 1.0 | Manganese | 1.96E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK0301 | 7/17/1996 | 1.0 | Mercury | 9.29E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KBK0301 | 7/17/1996 | 1.0 | Phosphorus | 5.79E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0301 | 7/17/1996 | 1.0 | Potassium | 3.60E+03 | | NS | NS | No Standard | No Standard | |
| KBK0301 | 7/17/1996 | 1.0 | Vanadium | 2.84E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK0301 | 7/17/1996 | 1.0 | Zinc | 7.65E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK0401 | 7/17/1996 | 1.0 | Aluminum | 1.94E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK0401 | 7/17/1996 | 1.0 | Antimony | 6.89E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KBK0401 | 7/17/1996 | 1.0 | Arsenic | 8.75E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0401 | 7/17/1996 | 1.0 | Barium | 1.11E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK0401 | 7/17/1996 | 1.0 | Beryllium | 7.08E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK0401 | 7/17/1996 | 1.0 | Calcium | 6.06E+03 | | NS | NS | No Standard | No Standard | |
| KBK0401 | 7/17/1996 | 1.0 | Chromium | 1.49E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK0401 | 7/17/1996 | 1.0 | Copper | 2.16E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK0401 | 7/17/1996 | 1.0 | Iron | 2.73E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK0401 | 7/17/1996 | 1.0 | Lead | 1.82E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK0401 | 7/17/1996 | 1.0 | Magnesium | 4.98E+03 | | NS | NS | No Standard | No Standard | |
| KBK0401 | 7/17/1996 | 1.0 | Manganese | 2.01E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK0401 | 7/17/1996 | 1.0 | Mercury | 3.23E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KBK0401 | 7/17/1996 | 1.0 | Phosphorus | 4.93E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0401 | 7/17/1996 | 1.0 | Potassium | 3.26E+03 | | NS | NS | No Standard | No Standard | |
| KBK0401 | 7/17/1996 | 1.0 | Selenium | 2.06E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK0401 | 7/17/1996 | 1.0 | Vanadium | 2.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK0401 | 7/17/1996 | 1.0 | Zinc | 7.01E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK0501 | 7/17/1996 | 1.0 | Aluminum | 1.94E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK0501 | 7/17/1996 | 1.0 | Arsenic | 8.84E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0501 | 7/17/1996 | 1.0 | Beryllium | 9.42E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK0501 | 7/17/1996 | 1.0 | Calcium | 4.49E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KBK0501 | 7/17/1996 | 1.0 | Chromium | 1.61E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK0501 | 7/17/1996 | 1.0 | Copper | 1.78E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK0501 | 7/17/1996 | 1.0 | Iron | 3.46E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK0501 | 7/17/1996 | 1.0 | Lead | 2.65E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK0501 | 7/17/1996 | 1.0 | Magnesium | 3.94E+03 | | NS | NS | No Standard | No Standard | |
| KBK0501 | 7/17/1996 | 1.0 | Phosphorus | 3.42E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0501 | 7/17/1996 | 1.0 | Potassium | 2.95E+03 | | NS | NS | No Standard | No Standard | |
| KBK0501 | 7/17/1996 | 1.0 | Selenium | 7.04E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK0501 | 7/17/1996 | 1.0 | Vanadium | 2.76E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK0501 | 7/17/1996 | 1.0 | Zinc | 5.83E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Aluminum | 1.25E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Aluminum | 1.38E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Arsenic | 7.80E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0601 | 7/17/1996 | 1.0 | Arsenic | 8.00E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0601 | 7/17/1996 | 1.0 | Barium | 1.25E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Barium | 1.18E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Beryllium | 6.27E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Beryllium | 6.80E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Calcium | 3.99E+04 | D | NS | NS | No Standard | No Standard | |
| KBK0601 | 7/17/1996 | 1.0 | Calcium | 3.27E+04 | | NS | NS | No Standard | No Standard | |
| KBK0601 | 7/17/1996 | 1.0 | Copper | 8.96E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Copper | 9.66E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Iron | 1.58E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Iron | 1.68E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Lead | 1.11E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Lead | 1.17E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Magnesium | 5.34E+03 | D | NS | NS | No Standard | No Standard | |
| KBK0601 | 7/17/1996 | 1.0 | Magnesium | 5.35E+03 | | NS | NS | No Standard | No Standard | |
| KBK0601 | 7/17/1996 | 1.0 | Manganese | 1.88E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Manganese | 1.64E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Mercury | 3.86E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Phosphorus | 3.30E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0601 | 7/17/1996 | 1.0 | Phosphorus | 3.34E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0601 | 7/17/1996 | 1.0 | Potassium | 2.56E+03 | D | NS | NS | No Standard | No Standard | |
| KBK0601 | 7/17/1996 | 1.0 | Potassium | 2.84E+03 | | NS | NS | No Standard | No Standard | |
| KBK0601 | 7/17/1996 | 1.0 | Selenium | 3.69E-01 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Selenium | 4.35E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Vanadium | 1.86E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Vanadium | 2.09E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Zinc | 4.20E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK0601 | 7/17/1996 | 1.0 | Zinc | 4.40E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK0701 | 7/17/1996 | 1.0 | Aluminum | 1.63E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK0701 | 7/17/1996 | 1.0 | Arsenic | 7.20E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0701 | 7/17/1996 | 1.0 | Barium | 9.28E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KBK0701 | 7/17/1996 | 1.0 | Beryllium | 7.50E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK0701 | 7/17/1996 | 1.0 | Calcium | 4.63E+03 | | NS | NS | No Standard | No Standard | |
| KBK0701 | 7/17/1996 | 1.0 | Chromium | 1.24E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK0701 | 7/17/1996 | 1.0 | Copper | 2.17E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK0701 | 7/17/1996 | 1.0 | Iron | 2.67E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK0701 | 7/17/1996 | 1.0 | Lead | 1.46E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK0701 | 7/17/1996 | 1.0 | Magnesium | 3.52E+03 | | NS | NS | No Standard | No Standard | |
| KBK0701 | 7/17/1996 | 1.0 | Manganese | 3.23E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK0701 | 7/17/1996 | 1.0 | Mercury | 4.31E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KBK0701 | 7/17/1996 | 1.0 | Phosphorus | 5.47E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0701 | 7/17/1996 | 1.0 | Potassium | 3.22E+03 | | NS | NS | No Standard | No Standard | |
| KBK0701 | 7/17/1996 | 1.0 | Selenium | 2.99E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK0701 | 7/17/1996 | 1.0 | Vanadium | 2.59E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK0701 | 7/17/1996 | 1.0 | Zinc | 6.32E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK0801 | 7/17/1996 | 1.0 | Aluminum | 1.09E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK0801 | 7/17/1996 | 1.0 | Arsenic | 4.72E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0801 | 7/17/1996 | 1.0 | Barium | 7.68E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK0801 | 7/17/1996 | 1.0 | Beryllium | 6.12E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK0801 | 7/17/1996 | 1.0 | Calcium | 2.74E+03 | | NS | NS | No Standard | No Standard | |
| KBK0801 | 7/17/1996 | 1.0 | Chromium | 8.41E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK0801 | 7/17/1996 | 1.0 | Copper | 1.15E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK0801 | 7/17/1996 | 1.0 | Iron | 2.03E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KBK0801 | 7/17/1996 | 1.0 | Lead | 1.09E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK0801 | 7/17/1996 | 1.0 | Magnesium | 2.05E+03 | | NS | NS | No Standard | No Standard | |
| KBK0801 | 7/17/1996 | 1.0 | Manganese | 4.63E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK0801 | 7/17/1996 | 1.0 | Mercury | 2.97E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KBK0801 | 7/17/1996 | 1.0 | Phosphorus | 5.79E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0801 | 7/17/1996 | 1.0 | Potassium | 2.11E+03 | | NS | NS | No Standard | No Standard | |
| KBK0801 | 7/17/1996 | 1.0 | Selenium | 4.14E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK0801 | 7/17/1996 | 1.0 | Vanadium | 1.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK0801 | 7/17/1996 | 1.0 | Zinc | 4.70E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK0901 | 7/17/1996 | 1.0 | Aluminum | 2.21E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK0901 | 7/17/1996 | 1.0 | Arsenic | 6.65E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0901 | 7/17/1996 | 1.0 | Beryllium | 1.01E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK0901 | 7/17/1996 | 1.0 | Calcium | 1.51E+04 | | NS | NS | No Standard | No Standard | |
| KBK0901 | 7/17/1996 | 1.0 | Chromium | 1.49E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK0901 | 7/17/1996 | 1.0 | Copper | 2.91E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK0901 | 7/17/1996 | 1.0 | Iron | 2.86E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK0901 | 7/17/1996 | 1.0 | Lead | 1.90E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK0901 | 7/17/1996 | 1.0 | Magnesium | 6.78E+03 | | NS | NS | No Standard | No Standard | |
| KBK0901 | 7/17/1996 | 1.0 | Manganese | 2.82E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK0901 | 7/17/1996 | 1.0 | Mercury | 6.41E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KBK0901 | 7/17/1996 | 1.0 | Phosphorus | 6.88E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0901 | 7/17/1996 | 1.0 | Potassium | 3.99E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KBK0901 | 7/17/1996 | 1.0 | Selenium | 4.12E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK0901 | 7/17/1996 | 1.0 | Vanadium | 2.94E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK0901 | 7/17/1996 | 1.0 | Zinc | 7.80E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK1001 | 7/17/1996 | 1.0 | Aluminum | 1.17E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK1001 | 7/17/1996 | 1.0 | Arsenic | 7.16E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1001 | 7/17/1996 | 1.0 | Barium | 1.17E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK1001 | 7/17/1996 | 1.0 | Beryllium | 3.90E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK1001 | 7/17/1996 | 1.0 | Calcium | 3.62E+04 | | NS | NS | No Standard | No Standard | |
| KBK1001 | 7/17/1996 | 1.0 | Chromium | 9.23E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK1001 | 7/17/1996 | 1.0 | Copper | 9.80E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK1001 | 7/17/1996 | 1.0 | Iron | 1.37E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KBK1001 | 7/17/1996 | 1.0 | Lead | 1.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK1001 | 7/17/1996 | 1.0 | Magnesium | 4.15E+03 | | NS | NS | No Standard | No Standard | |
| KBK1001 | 7/17/1996 | 1.0 | Mercury | 6.12E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KBK1001 | 7/17/1996 | 1.0 | Phosphorus | 3.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1001 | 7/17/1996 | 1.0 | Potassium | 2.49E+03 | | NS | NS | No Standard | No Standard | |
| KBK1001 | 7/17/1996 | 1.0 | Selenium | 5.05E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK1001 | 7/17/1996 | 1.0 | Vanadium | 1.70E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK1001 | 7/17/1996 | 1.0 | Zinc | 3.65E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK1101 | 7/17/1996 | 1.0 | Aluminum | 1.50E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK1101 | 7/17/1996 | 1.0 | Arsenic | 8.23E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1101 | 7/17/1996 | 1.0 | Barium | 9.48E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK1101 | 7/17/1996 | 1.0 | Beryllium | 8.18E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK1101 | 7/17/1996 | 1.0 | Calcium | 4.42E+03 | | NS | NS | No Standard | No Standard | |
| KBK1101 | 7/17/1996 | 1.0 | Chromium | 1.21E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK1101 | 7/17/1996 | 1.0 | Copper | 1.32E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK1101 | 7/17/1996 | 1.0 | Iron | 2.78E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK1101 | 7/17/1996 | 1.0 | Lead | 1.43E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK1101 | 7/17/1996 | 1.0 | Magnesium | 3.19E+03 | | NS | NS | No Standard | No Standard | |
| KBK1101 | 7/17/1996 | 1.0 | Manganese | 3.26E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK1101 | 7/17/1996 | 1.0 | Phosphorus | 5.16E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1101 | 7/17/1996 | 1.0 | Potassium | 2.86E+03 | | NS | NS | No Standard | No Standard | |
| KBK1101 | 7/17/1996 | 1.0 | Selenium | 6.34E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK1101 | 7/17/1996 | 1.0 | Vanadium | 2.61E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK1101 | 7/17/1996 | 1.0 | Zinc | 6.01E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK1201 | 7/17/1996 | 1.0 | Aluminum | 1.82E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK1201 | 7/17/1996 | 1.0 | Arsenic | 7.99E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1201 | 7/17/1996 | 1.0 | Beryllium | 7.17E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK1201 | 7/17/1996 | 1.0 | Calcium | 7.57E+03 | | NS | NS | No Standard | No Standard | |
| KBK1201 | 7/17/1996 | 1.0 | Chromium | 1.29E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK1201 | 7/17/1996 | 1.0 | Copper | 1.24E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK1201 | 7/17/1996 | 1.0 | Iron | 2.24E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KBK1201 | 7/17/1996 | 1.0 | Lead | 1.59E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK1201 | 7/17/1996 | 1.0 | Magnesium | 4.44E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KBK1201 | 7/17/1996 | 1.0 | Manganese | 3.52E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK1201 | 7/17/1996 | 1.0 | Phosphorus | 9.11E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1201 | 7/17/1996 | 1.0 | Potassium | 3.27E+03 | | NS | NS | No Standard | No Standard | |
| KBK1201 | 7/17/1996 | 1.0 | Selenium | 2.66E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK1201 | 7/17/1996 | 1.0 | Vanadium | 2.48E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK1201 | 7/17/1996 | 1.0 | Zinc | 5.97E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK1301 | 7/17/1996 | 1.0 | Aluminum | 2.08E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK1301 | 7/17/1996 | 1.0 | Arsenic | 7.98E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1301 | 7/17/1996 | 1.0 | Beryllium | 9.73E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK1301 | 7/17/1996 | 1.0 | Calcium | 5.69E+03 | | NS | NS | No Standard | No Standard | |
| KBK1301 | 7/17/1996 | 1.0 | Chromium | 1.50E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK1301 | 7/17/1996 | 1.0 | Copper | 2.01E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK1301 | 7/17/1996 | 1.0 | Iron | 2.84E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK1301 | 7/17/1996 | 1.0 | Lead | 1.84E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK1301 | 7/17/1996 | 1.0 | Magnesium | 3.31E+03 | | NS | NS | No Standard | No Standard | |
| KBK1301 | 7/17/1996 | 1.0 | Manganese | 9.72E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK1301 | 7/17/1996 | 1.0 | Phosphorus | 3.45E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1301 | 7/17/1996 | 1.0 | Potassium | 3.57E+03 | | NS | NS | No Standard | No Standard | |
| KBK1301 | 7/17/1996 | 1.0 | Vanadium | 2.95E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK1301 | 7/17/1996 | 1.0 | Zinc | 6.72E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK1401 | 7/17/1996 | 1.0 | Aluminum | 1.88E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK1401 | 7/17/1996 | 1.0 | Arsenic | 7.90E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1401 | 7/17/1996 | 1.0 | Beryllium | 8.18E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK1401 | 7/17/1996 | 1.0 | Calcium | 6.30E+03 | | NS | NS | No Standard | No Standard | |
| KBK1401 | 7/17/1996 | 1.0 | Chromium | 1.35E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK1401 | 7/17/1996 | 1.0 | Copper | 2.09E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK1401 | 7/17/1996 | 1.0 | Iron | 2.72E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK1401 | 7/17/1996 | 1.0 | Lead | 1.76E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK1401 | 7/17/1996 | 1.0 | Magnesium | 3.71E+03 | | NS | NS | No Standard | No Standard | |
| KBK1401 | 7/17/1996 | 1.0 | Manganese | 1.69E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK1401 | 7/17/1996 | 1.0 | Mercury | 4.77E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KBK1401 | 7/17/1996 | 1.0 | Phosphorus | 4.12E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1401 | 7/17/1996 | 1.0 | Potassium | 3.76E+03 | | NS | NS | No Standard | No Standard | |
| KBK1401 | 7/17/1996 | 1.0 | Selenium | 3.68E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK1401 | 7/17/1996 | 1.0 | Vanadium | 2.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK1401 | 7/17/1996 | 1.0 | Zinc | 6.59E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK1501 | 7/17/1996 | 1.0 | Aluminum | 9.51E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK1501 | 7/17/1996 | 1.0 | Arsenic | 7.26E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1501 | 7/17/1996 | 1.0 | Barium | 1.34E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK1501 | 7/17/1996 | 1.0 | Beryllium | 3.93E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK1501 | 7/17/1996 | 1.0 | Calcium | 7.05E+03 | | NS | NS | No Standard | No Standard | |
| KBK1501 | 7/17/1996 | 1.0 | Chromium | 7.73E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK1501 | 7/17/1996 | 1.0 | Copper | 8.16E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK1501 | 7/17/1996 | 1.0 | Iron | 1.63E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KBK1501 | 7/17/1996 | 1.0 | Lead | 9.78E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK1501 | 7/17/1996 | 1.0 | Magnesium | 2.38E+03 | | NS | NS | No Standard | No Standard | |
| KBK1501 | 7/17/1996 | 1.0 | Manganese | 2.08E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK1501 | 7/17/1996 | 1.0 | Phosphorus | 2.89E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1501 | 7/17/1996 | 1.0 | Potassium | 1.84E+03 | | NS | NS | No Standard | No Standard | |
| KBK1501 | 7/17/1996 | 1.0 | Selenium | 2.29E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK1501 | 7/17/1996 | 1.0 | Vanadium | 2.21E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK1501 | 7/17/1996 | 1.0 | Zinc | 3.36E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK1601 | 7/17/1996 | 1.0 | Aluminum | 9.44E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK1601 | 7/17/1996 | 1.0 | Arsenic | 7.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1601 | 7/17/1996 | 1.0 | Barium | 1.05E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK1601 | 7/17/1996 | 1.0 | Beryllium | 3.72E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK1601 | 7/17/1996 | 1.0 | Calcium | 6.58E+03 | | NS | NS | No Standard | No Standard | |
| KBK1601 | 7/17/1996 | 1.0 | Chromium | 8.86E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK1601 | 7/17/1996 | 1.0 | Copper | 2.56E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK1601 | 7/17/1996 | 1.0 | Iron | 1.44E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KBK1601 | 7/17/1996 | 1.0 | Lead | 1.39E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK1601 | 7/17/1996 | 1.0 | Magnesium | 2.12E+03 | | NS | NS | No Standard | No Standard | |
| KBK1601 | 7/17/1996 | 1.0 | Manganese | 3.10E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK1601 | 7/17/1996 | 1.0 | Phosphorus | 2.98E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1601 | 7/17/1996 | 1.0 | Potassium | 1.80E+03 | | NS | NS | No Standard | No Standard | |
| KBK1601 | 7/17/1996 | 1.0 | Selenium | 3.97E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK1601 | 7/17/1996 | 1.0 | Vanadium | 2.44E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK1601 | 7/17/1996 | 1.0 | Zinc | 3.21E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK1701 | 7/17/1996 | 1.0 | Aluminum | 9.05E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK1701 | 7/17/1996 | 1.0 | Arsenic | 8.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1701 | 7/17/1996 | 1.0 | Barium | 9.37E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK1701 | 7/17/1996 | 1.0 | Beryllium | 4.11E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK1701 | 7/17/1996 | 1.0 | Calcium | 3.42E+04 | | NS | NS | No Standard | No Standard | |
| KBK1701 | 7/17/1996 | 1.0 | Iron | 1.31E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KBK1701 | 7/17/1996 | 1.0 | Lead | 8.73E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK1701 | 7/17/1996 | 1.0 | Magnesium | 4.49E+03 | | NS | NS | No Standard | No Standard | |
| KBK1701 | 7/17/1996 | 1.0 | Mercury | 2.84E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KBK1701 | 7/17/1996 | 1.0 | Phosphorus | 2.90E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1701 | 7/17/1996 | 1.0 | Potassium | 2.08E+03 | | NS | NS | No Standard | No Standard | |
| KBK1701 | 7/17/1996 | 1.0 | Selenium | 2.29E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK1701 | 7/17/1996 | 1.0 | Zinc | 3.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK1801 | 7/17/1996 | 1.0 | Aluminum | 9.79E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK1801 | 7/17/1996 | 1.0 | Arsenic | 8.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1801 | 7/17/1996 | 1.0 | Barium | 7.87E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK1801 | 7/17/1996 | 1.0 | Beryllium | 4.34E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK1801 | 7/17/1996 | 1.0 | Calcium | 1.84E+04 | | NS | NS | No Standard | No Standard | |
| KBK1801 | 7/17/1996 | 1.0 | Copper | 6.65E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK1801 | 7/17/1996 | 1.0 | Iron | 1.36E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KBK1801 | 7/17/1996 | 1.0 | Lead | 9.59E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK1801 | 7/17/1996 | 1.0 | Magnesium | 5.00E+03 | | NS | NS | No Standard | No Standard | |
| KBK1801 | 7/17/1996 | 1.0 | Phosphorus | 2.99E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1801 | 7/17/1996 | 1.0 | Potassium | 2.24E+03 | | NS | NS | No Standard | No Standard | |
| KBK1801 | 7/17/1996 | 1.0 | Selenium | 4.45E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK1801 | 7/17/1996 | 1.0 | Vanadium | 1.40E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK1801 | 7/17/1996 | 1.0 | Zinc | 3.37E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Aluminum | 1.51E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Arsenic | 7.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1901 | 7/17/1996 | 1.0 | Barium | 1.48E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Beryllium | 6.97E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Calcium | 1.05E+04 | | NS | NS | No Standard | No Standard | |
| KBK1901 | 7/17/1996 | 1.0 | Chromium | 1.18E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK1901 | 7/17/1996 | 1.0 | Copper | 1.16E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Iron | 1.88E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Lead | 1.29E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Magnesium | 4.05E+03 | | NS | NS | No Standard | No Standard | |
| KBK1901 | 7/17/1996 | 1.0 | Manganese | 2.78E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Mercury | 2.95E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Molybdenum | 3.94E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Phosphorus | 3.87E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1901 | 7/17/1996 | 1.0 | Potassium | 3.57E+03 | | NS | NS | No Standard | No Standard | |
| KBK1901 | 7/17/1996 | 1.0 | Selenium | 6.12E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Vanadium | 2.87E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK1901 | 7/17/1996 | 1.0 | Zinc | 4.69E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KBK2001 | 7/17/1996 | 1.0 | Aluminum | 1.09E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KBK2001 | 7/17/1996 | 1.0 | Arsenic | 6.40E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK2001 | 7/17/1996 | 1.0 | Barium | 1.16E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KBK2001 | 7/17/1996 | 1.0 | Beryllium | 3.67E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KBK2001 | 7/17/1996 | 1.0 | Calcium | 2.51E+03 | | NS | NS | No Standard | No Standard | |
| KBK2001 | 7/17/1996 | 1.0 | Chromium | 9.94E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KBK2001 | 7/17/1996 | 1.0 | Copper | 9.03E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KBK2001 | 7/17/1996 | 1.0 | Iron | 1.48E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KBK2001 | 7/17/1996 | 1.0 | Lead | 1.01E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KBK2001 | 7/17/1996 | 1.0 | Magnesium | 2.30E+03 | | NS | NS | No Standard | No Standard | |
| KBK2001 | 7/17/1996 | 1.0 | Manganese | 2.49E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KBK2001 | 7/17/1996 | 1.0 | Phosphorus | 2.70E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK2001 | 7/17/1996 | 1.0 | Potassium | 2.04E+03 | | NS | NS | No Standard | No Standard | |
| KBK2001 | 7/17/1996 | 1.0 | Selenium | 3.42E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KBK2001 | 7/17/1996 | 1.0 | Vanadium | 2.78E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KBK2001 | 7/17/1996 | 1.0 | Zinc | 3.05E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Aluminum | 1.05E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Arsenic | 5.35E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1010103 | 8/21/1996 | 3.0 | Barium | 1.27E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1010103 | 8/21/1996 | 3.0 | Beryllium | 7.75E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Calcium | 5.78E+03 | | NS | NS | No Standard | No Standard | |
| KGA1010103 | 8/21/1996 | 3.0 | Chromium | 8.70E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1010103 | 8/21/1996 | 3.0 | Cobalt | 7.02E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Copper | 1.05E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Iron | 1.51E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Lead | 1.09E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Magnesium | 2.67E+03 | | NS | NS | No Standard | No Standard | |
| KGA1010103 | 8/21/1996 | 3.0 | Manganese | 2.15E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Mercury | 7.18E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Nickel | 6.98E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Phosphorus | 2.96E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1010103 | 8/21/1996 | 3.0 | Potassium | 1.64E+03 | | NS | NS | No Standard | No Standard | |
| KGA1010103 | 8/21/1996 | 3.0 | Silver | 4.52E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Sodium | 5.89E+02 | | NS | NS | No Standard | No Standard | |
| KGA1010103 | 8/21/1996 | 3.0 | Vanadium | 2.68E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1010103 | 8/21/1996 | 3.0 | Zinc | 4.46E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1010403 | 8/21/1996 | 3.0 | Total organic carbon | 1.32E+04 | | NS | NS | No Standard | No Standard | |
| KGA1010713 | 8/23/1996 | 13.0 | Aluminum | 1.14E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1010713 | 8/23/1996 | 13.0 | Arsenic | 5.29E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1010713 | 8/23/1996 | 13.0 | Barium | 3.16E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1010713 | 8/23/1996 | 13.0 | Beryllium | 9.47E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1010713 | 8/23/1996 | 13.0 | Cadmium | 1.15E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1010713 | 8/23/1996 | 13.0 | Calcium | 7.40E+03 | | NS | NS | No Standard | No Standard | |
| KGA1010713 | 8/23/1996 | 13.0 | Chromium | 9.22E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1010713 | 8/23/1996 | 13.0 | Cobalt | 8.37E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1010713 | 8/23/1996 | 13.0 | Copper | 1.31E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1010713 | 8/23/1996 | 13.0 | Iron | 1.79E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1010713 | 8/23/1996 | 13.0 | Lead | 1.18E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1010713 | 8/23/1996 | 13.0 | Magnesium | 2.83E+03 | | NS | NS | No Standard | No Standard | |
| KGA1010713 | 8/23/1996 | 13.0 | Manganese | 2.82E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1010713 | 8/23/1996 | 13.0 | Nickel | 8.29E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1010713 | 8/23/1996 | 13.0 | Phosphorus | 3.15E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1010713 | 8/23/1996 | 13.0 | Potassium | 2.10E+03 | | NS | NS | No Standard | No Standard | |
| KGA1010713 | 8/23/1996 | 13.0 | Sodium | 2.26E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1010713 | 8/23/1996 | 13.0 | Vanadium | 2.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1010713 | 8/23/1996 | 13.0 | Zinc | 5.29E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Aluminum | 9.33E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Arsenic | 4.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1011113 | 8/23/1996 | 13.0 | Barium | 1.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Beryllium | 8.19E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Cadmium | 1.26E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Calcium | 5.34E+03 | | NS | NS | No Standard | No Standard | |
| KGA1011113 | 8/23/1996 | 13.0 | Chromium | 7.78E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1011113 | 8/23/1996 | 13.0 | Cobalt | 8.87E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Copper | 1.21E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Iron | 1.59E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Lead | 1.17E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Magnesium | 2.69E+03 | | NS | NS | No Standard | No Standard | |
| KGA1011113 | 8/23/1996 | 13.0 | Manganese | 2.52E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Mercury | 4.77E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Nickel | 7.68E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Phosphorus | 3.43E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1011113 | 8/23/1996 | 13.0 | Potassium | 1.33E+03 | | NS | NS | No Standard | No Standard | |
| KGA1011113 | 8/23/1996 | 13.0 | Sodium | 7.30E+01 | J | NS | NS | No Standard | No Standard | |
| KGA1011113 | 8/23/1996 | 13.0 | Vanadium | 2.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1011113 | 8/23/1996 | 13.0 | Zinc | 5.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1011420 | 8/23/1996 | 20.0 | Total organic carbon | 1.03E+04 | | NS | NS | No Standard | No Standard | |
| KGA1011613 | 8/23/1996 | 13.0 | Aluminum | 1.93E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1011613 | 8/23/1996 | 13.0 | Arsenic | 5.54E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1011613 | 8/23/1996 | 13.0 | Barium | 1.63E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1011613 | 8/23/1996 | 13.0 | Beryllium | 1.08E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1011613 | 8/23/1996 | 13.0 | Calcium | 8.16E+03 | | NS | NS | No Standard | No Standard | |
| KGA1011613 | 8/23/1996 | 13.0 | Chromium | 1.36E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1011613 | 8/23/1996 | 13.0 | Cobalt | 9.18E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1011613 | 8/23/1996 | 13.0 | Copper | 1.53E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1011613 | 8/23/1996 | 13.0 | Iron | 1.83E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1011613 | 8/23/1996 | 13.0 | Lead | 1.40E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1011613 | 8/23/1996 | 13.0 | Magnesium | 3.72E+03 | | NS | NS | No Standard | No Standard | |
| KGA1011613 | 8/23/1996 | 13.0 | Manganese | 2.33E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1011613 | 8/23/1996 | 13.0 | Mercury | 4.00E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1011613 | 8/23/1996 | 13.0 | Nickel | 9.72E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1011613 | 8/23/1996 | 13.0 | Phosphorus | 3.39E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1011613 | 8/23/1996 | 13.0 | Potassium | 3.11E+03 | | NS | NS | No Standard | No Standard | |
| KGA1011613 | 8/23/1996 | 13.0 | Sodium | 1.49E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1011613 | 8/23/1996 | 13.0 | Vanadium | 3.77E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1011613 | 8/23/1996 | 13.0 | Zinc | 5.68E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1020403 | 8/21/1996 | 3.0 | Total organic carbon | 6.28E+03 | | NS | NS | No Standard | No Standard | |
| KGA1020408 | 8/23/1996 | 8.0 | Aluminum | 1.49E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Arsenic | 5.37E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1020408 | 8/23/1996 | 8.0 | Barium | 1.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Beryllium | 1.08E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Cadmium | 1.16E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Calcium | 6.01E+03 | | NS | NS | No Standard | No Standard | |
| KGA1020408 | 8/23/1996 | 8.0 | Chromium | 1.15E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1020408 | 8/23/1996 | 8.0 | Cobalt | 9.83E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Copper | 1.72E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Iron | 1.81E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1020408 | 8/23/1996 | 8.0 | Lead | 1.46E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Magnesium | 3.49E+03 | | NS | NS | No Standard | No Standard | |
| KGA1020408 | 8/23/1996 | 8.0 | Manganese | 2.67E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Mercury | 3.77E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Nickel | 8.72E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Phosphorus | 3.14E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1020408 | 8/23/1996 | 8.0 | Potassium | 2.43E+03 | | NS | NS | No Standard | No Standard | |
| KGA1020408 | 8/23/1996 | 8.0 | Silver | 4.54E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Sodium | 1.12E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1020408 | 8/23/1996 | 8.0 | Vanadium | 3.40E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1020408 | 8/23/1996 | 8.0 | Zinc | 6.10E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1030203 | 8/22/1996 | 3.0 | Total organic carbon | 2.10E+04 | | NS | NS | No Standard | No Standard | |
| KGA1030703 | 8/22/1996 | 3.0 | Aluminum | 8.78E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1030703 | 8/22/1996 | 3.0 | Arsenic | 5.13E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1030703 | 8/22/1996 | 3.0 | Barium | 1.15E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1030703 | 8/22/1996 | 3.0 | Beryllium | 7.20E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1030703 | 8/22/1996 | 3.0 | Cadmium | 7.02E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1030703 | 8/22/1996 | 3.0 | Calcium | 7.25E+03 | | NS | NS | No Standard | No Standard | |
| KGA1030703 | 8/22/1996 | 3.0 | Chromium | 7.31E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1030703 | 8/22/1996 | 3.0 | Cobalt | 6.33E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1030703 | 8/22/1996 | 3.0 | Copper | 9.00E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1030703 | 8/22/1996 | 3.0 | Iron | 1.43E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1030703 | 8/22/1996 | 3.0 | Lead | 9.88E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1030703 | 8/22/1996 | 3.0 | Magnesium | 2.18E+03 | | NS | NS | No Standard | No Standard | |
| KGA1030703 | 8/22/1996 | 3.0 | Manganese | 2.14E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1030703 | 8/22/1996 | 3.0 | Nickel | 6.12E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1030703 | 8/22/1996 | 3.0 | Phosphorus | 2.90E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1030703 | 8/22/1996 | 3.0 | Potassium | 1.41E+03 | | NS | NS | No Standard | No Standard | |
| KGA1030703 | 8/22/1996 | 3.0 | Sodium | 8.76E+01 | J | NS | NS | No Standard | No Standard | |
| KGA1030703 | 8/22/1996 | 3.0 | Vanadium | 2.54E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1030703 | 8/22/1996 | 3.0 | Zinc | 4.17E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | 1,3-Dinitrobenzene | 1.21E+00 | | NS | 6.11E+00 | 6.11E+00 | Proposed | |
| KGA1031010 | 8/23/1996 | 10.0 | 2-Nitrotoluene | 2.64E+00 | | 1.08E+01 | 2.78E+00 | 1.08E+01 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Aluminum | 1.68E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Antimony | 4.08E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Arsenic | 5.24E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1031010 | 8/23/1996 | 10.0 | Barium | 1.58E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Beryllium | 1.19E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Cadmium | 1.03E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Calcium | 8.21E+03 | | NS | NS | No Standard | No Standard | |
| KGA1031010 | 8/23/1996 | 10.0 | Chromium | 1.29E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1031010 | 8/23/1996 | 10.0 | Cobalt | 9.12E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Copper | 1.74E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Iron | 1.93E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1031010 | 8/23/1996 | 10.0 | Lead | 1.52E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Magnesium | 4.03E+03 | | NS | NS | No Standard | No Standard | |
| KGA1031010 | 8/23/1996 | 10.0 | Manganese | 2.25E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Nickel | 1.07E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Phosphorus | 4.20E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1031010 | 8/23/1996 | 10.0 | Potassium | 2.69E+03 | | NS | NS | No Standard | No Standard | |
| KGA1031010 | 8/23/1996 | 10.0 | Silver | 4.92E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Sodium | 1.94E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1031010 | 8/23/1996 | 10.0 | Vanadium | 3.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1031010 | 8/23/1996 | 10.0 | Zinc | 6.38E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Aluminum | 1.15E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Arsenic | 5.95E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1031513 | 8/23/1996 | 13.0 | Barium | 2.34E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Beryllium | 8.91E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Cadmium | 1.41E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Calcium | 7.67E+03 | | NS | NS | No Standard | No Standard | |
| KGA1031513 | 8/23/1996 | 13.0 | Chromium | 9.67E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1031513 | 8/23/1996 | 13.0 | Cobalt | 8.24E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Copper | 1.34E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Iron | 1.89E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Lead | 1.29E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Magnesium | 3.07E+03 | | NS | NS | No Standard | No Standard | |
| KGA1031513 | 8/23/1996 | 13.0 | Manganese | 2.75E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Mercury | 3.75E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Nickel | 8.62E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Phosphorus | 3.28E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1031513 | 8/23/1996 | 13.0 | Potassium | 1.82E+03 | | NS | NS | No Standard | No Standard | |
| KGA1031513 | 8/23/1996 | 13.0 | Silver | 6.21E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Sodium | 1.36E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1031513 | 8/23/1996 | 13.0 | Vanadium | 2.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1031513 | 8/23/1996 | 13.0 | Zinc | 5.50E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Aluminum | 1.30E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Antimony | 6.43E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Arsenic | 5.30E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1032120 | 8/23/1996 | 20.0 | Barium | 1.58E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Beryllium | 8.03E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Calcium | 1.06E+04 | | NS | NS | No Standard | No Standard | |
| KGA1032120 | 8/23/1996 | 20.0 | Chromium | 9.88E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1032120 | 8/23/1996 | 20.0 | Cobalt | 7.62E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Copper | 1.32E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Iron | 1.60E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Lead | 1.30E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Magnesium | 2.92E+03 | | NS | NS | No Standard | No Standard | |
| KGA1032120 | 8/23/1996 | 20.0 | Manganese | 2.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1032120 | 8/23/1996 | 20.0 | Mercury | 3.69E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Nickel | 9.11E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Phosphorus | 3.78E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1032120 | 8/23/1996 | 20.0 | Potassium | 2.07E+03 | | NS | NS | No Standard | No Standard | |
| KGA1032120 | 8/23/1996 | 20.0 | Sodium | 1.26E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1032120 | 8/23/1996 | 20.0 | Vanadium | 2.85E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1032120 | 8/23/1996 | 20.0 | Zinc | 5.02E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Aluminum | 9.59E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Antimony | 4.65E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Arsenic | 4.46E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1032418 | 8/23/1996 | 18.0 | Barium | 1.72E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Beryllium | 6.04E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Calcium | 3.87E+03 | | NS | NS | No Standard | No Standard | |
| KGA1032418 | 8/23/1996 | 18.0 | Chromium | 7.85E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1032418 | 8/23/1996 | 18.0 | Cobalt | 7.39E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Copper | 9.53E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Iron | 1.42E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Lead | 1.02E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Magnesium | 2.25E+03 | | NS | NS | No Standard | No Standard | |
| KGA1032418 | 8/23/1996 | 18.0 | Manganese | 2.34E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Nickel | 5.58E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Phosphorus | 2.92E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1032418 | 8/23/1996 | 18.0 | Potassium | 1.82E+03 | | NS | NS | No Standard | No Standard | |
| KGA1032418 | 8/23/1996 | 18.0 | Sodium | 9.61E+01 | J | NS | NS | No Standard | No Standard | |
| KGA1032418 | 8/23/1996 | 18.0 | Vanadium | 2.41E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1032418 | 8/23/1996 | 18.0 | Zinc | 4.70E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Aluminum | 1.60E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Antimony | 4.08E+00 | DJ | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Arsenic | 5.52E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1034111 | 8/23/1996 | 11.0 | Barium | 1.14E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Beryllium | 1.09E+00 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Cadmium | 6.70E-02 | DJ | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Calcium | 6.47E+03 | D | NS | NS | No Standard | No Standard | |
| KGA1034111 | 8/23/1996 | 11.0 | Chromium | 1.24E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1034111 | 8/23/1996 | 11.0 | Cobalt | 8.25E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Copper | 1.64E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Iron | 1.90E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Lead | 1.59E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Magnesium | 3.93E+03 | D | NS | NS | No Standard | No Standard | |
| KGA1034111 | 8/23/1996 | 11.0 | Manganese | 2.12E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Nickel | 1.01E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Phosphorus | 3.90E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1034111 | 8/23/1996 | 11.0 | Potassium | 2.61E+03 | D | NS | NS | No Standard | No Standard | |
| KGA1034111 | 8/23/1996 | 11.0 | Silver | 5.24E-01 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1034111 | 8/23/1996 | 11.0 | Sodium | 1.81E+02 | DJ | NS | NS | No Standard | No Standard | |
| KGA1034111 | 8/23/1996 | 11.0 | Vanadium | 3.44E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1034111 | 8/23/1996 | 11.0 | Zinc | 6.43E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1040715 | 8/22/1996 | 15.0 | Total organic carbon | 1.23E+04 | | NS | NS | No Standard | No Standard | |
| KGA1040820 | 8/22/1996 | 20.0 | Aluminum | 2.05E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1040820 | 8/22/1996 | 20.0 | Arsenic | 7.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1040820 | 8/22/1996 | 20.0 | Barium | 1.54E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1040820 | 8/22/1996 | 20.0 | Beryllium | 1.18E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1040820 | 8/22/1996 | 20.0 | Calcium | 7.73E+03 | | NS | NS | No Standard | No Standard | |
| KGA1040820 | 8/22/1996 | 20.0 | Chromium | 1.52E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1040820 | 8/22/1996 | 20.0 | Cobalt | 9.04E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1040820 | 8/22/1996 | 20.0 | Copper | 1.38E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1040820 | 8/22/1996 | 20.0 | Iron | 2.36E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA1040820 | 8/22/1996 | 20.0 | Lead | 1.51E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1040820 | 8/22/1996 | 20.0 | Magnesium | 4.07E+03 | | NS | NS | No Standard | No Standard | |
| KGA1040820 | 8/22/1996 | 20.0 | Manganese | 3.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1040820 | 8/22/1996 | 20.0 | Nickel | 9.45E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1040820 | 8/22/1996 | 20.0 | Phosphorus | 1.68E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1040820 | 8/22/1996 | 20.0 | Potassium | 3.45E+03 | | NS | NS | No Standard | No Standard | |
| KGA1040820 | 8/22/1996 | 20.0 | Sodium | 8.44E+01 | J | NS | NS | No Standard | No Standard | |
| KGA1040820 | 8/22/1996 | 20.0 | Vanadium | 3.64E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1040820 | 8/22/1996 | 20.0 | Zinc | 5.88E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Aluminum | 1.49E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Arsenic | 5.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1040904 | 8/22/1996 | 4.0 | Barium | 1.60E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Beryllium | 1.09E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Cadmium | 1.20E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Calcium | 7.61E+03 | | NS | NS | No Standard | No Standard | |
| KGA1040904 | 8/22/1996 | 4.0 | Chromium | 1.19E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1040904 | 8/22/1996 | 4.0 | Cobalt | 9.07E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Copper | 1.74E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Iron | 1.83E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Lead | 1.51E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Magnesium | 3.78E+03 | | NS | NS | No Standard | No Standard | |
| KGA1040904 | 8/22/1996 | 4.0 | Manganese | 2.39E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Mercury | 5.93E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Nickel | 1.01E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Phosphorus | 3.73E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1040904 | 8/22/1996 | 4.0 | Potassium | 2.23E+03 | | NS | NS | No Standard | No Standard | |
| KGA1040904 | 8/22/1996 | 4.0 | Silver | 5.57E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Sodium | 1.21E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1040904 | 8/22/1996 | 4.0 | Vanadium | 3.43E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1040904 | 8/22/1996 | 4.0 | Zinc | 6.27E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Aluminum | 1.75E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1041105 | 8/22/1996 | 5.0 | Arsenic | 5.03E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1041105 | 8/22/1996 | 5.0 | Barium | 1.60E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Beryllium | 1.15E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Cadmium | 1.12E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Calcium | 6.04E+03 | | NS | NS | No Standard | No Standard | |
| KGA1041105 | 8/22/1996 | 5.0 | Chromium | 1.31E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1041105 | 8/22/1996 | 5.0 | Cobalt | 9.51E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Copper | 1.79E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Iron | 1.90E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Lead | 1.59E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Magnesium | 4.04E+03 | | NS | NS | No Standard | No Standard | |
| KGA1041105 | 8/22/1996 | 5.0 | Manganese | 2.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Nickel | 9.76E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Phosphorus | 3.73E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1041105 | 8/22/1996 | 5.0 | Potassium | 3.08E+03 | | NS | NS | No Standard | No Standard | |
| KGA1041105 | 8/22/1996 | 5.0 | Silver | 6.79E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Sodium | 1.34E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1041105 | 8/22/1996 | 5.0 | Vanadium | 3.64E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1041105 | 8/22/1996 | 5.0 | Zinc | 6.51E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Aluminum | 1.98E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Arsenic | 5.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1041720 | 8/22/1996 | 20.0 | Barium | 1.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Beryllium | 1.10E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Calcium | 5.49E+03 | | NS | NS | No Standard | No Standard | |
| KGA1041720 | 8/22/1996 | 20.0 | Chromium | 1.39E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1041720 | 8/22/1996 | 20.0 | Cobalt | 9.35E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Copper | 1.60E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Iron | 2.04E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Lead | 1.54E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Magnesium | 4.06E+03 | | NS | NS | No Standard | No Standard | |
| KGA1041720 | 8/22/1996 | 20.0 | Manganese | 2.41E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Mercury | 4.00E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Nickel | 8.69E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Phosphorus | 4.15E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1041720 | 8/22/1996 | 20.0 | Potassium | 3.09E+03 | | NS | NS | No Standard | No Standard | |
| KGA1041720 | 8/22/1996 | 20.0 | Sodium | 2.76E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1041720 | 8/22/1996 | 20.0 | Vanadium | 3.78E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1041720 | 8/22/1996 | 20.0 | Zinc | 6.51E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Aluminum | 2.14E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Arsenic | 5.58E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1042003 | 8/22/1996 | 3.0 | Barium | 1.76E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Beryllium | 1.26E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Cadmium | 9.06E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Calcium | 8.24E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1042003 | 8/22/1996 | 3.0 | Chromium | 1.46E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1042003 | 8/22/1996 | 3.0 | Cobalt | 9.43E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Copper | 1.90E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Iron | 1.98E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Lead | 1.55E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Magnesium | 4.36E+03 | | NS | NS | No Standard | No Standard | |
| KGA1042003 | 8/22/1996 | 3.0 | Manganese | 2.52E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Mercury | 5.91E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Molybdenum | 1.37E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Nickel | 1.07E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Phosphorus | 3.83E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1042003 | 8/22/1996 | 3.0 | Potassium | 3.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA1042003 | 8/22/1996 | 3.0 | Sodium | 1.20E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1042003 | 8/22/1996 | 3.0 | Vanadium | 4.13E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1042003 | 8/22/1996 | 3.0 | Zinc | 6.50E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Aluminum | 9.70E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Arsenic | 5.57E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1042203 | 8/22/1996 | 3.0 | Barium | 1.55E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Beryllium | 6.86E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Calcium | 5.42E+03 | | NS | NS | No Standard | No Standard | |
| KGA1042203 | 8/22/1996 | 3.0 | Chromium | 7.72E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1042203 | 8/22/1996 | 3.0 | Cobalt | 7.38E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Copper | 8.93E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Iron | 1.50E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Lead | 1.03E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Magnesium | 2.28E+03 | | NS | NS | No Standard | No Standard | |
| KGA1042203 | 8/22/1996 | 3.0 | Manganese | 2.25E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Mercury | 3.51E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Nickel | 6.16E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Phosphorus | 2.71E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1042203 | 8/22/1996 | 3.0 | Potassium | 1.57E+03 | | NS | NS | No Standard | No Standard | |
| KGA1042203 | 8/22/1996 | 3.0 | Sodium | 5.28E+01 | J | NS | NS | No Standard | No Standard | |
| KGA1042203 | 8/22/1996 | 3.0 | Vanadium | 2.56E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1042203 | 8/22/1996 | 3.0 | Zinc | 4.35E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1043220 | 8/22/1996 | 20.0 | Aluminum | 2.55E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1043220 | 8/22/1996 | 20.0 | Arsenic | 5.73E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1043220 | 8/22/1996 | 20.0 | Barium | 1.71E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1043220 | 8/22/1996 | 20.0 | Beryllium | 1.20E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1043220 | 8/22/1996 | 20.0 | Calcium | 5.85E+03 | | NS | NS | No Standard | No Standard | |
| KGA1043220 | 8/22/1996 | 20.0 | Chromium | 1.67E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1043220 | 8/22/1996 | 20.0 | Cobalt | 9.35E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1043220 | 8/22/1996 | 20.0 | Copper | 1.64E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1043220 | 8/22/1996 | 20.0 | Iron | 2.11E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1043220 | 8/22/1996 | 20.0 | Lead | 1.60E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1043220 | 8/22/1996 | 20.0 | Magnesium | 4.53E+03 | | NS | NS | No Standard | No Standard | |
| KGA1043220 | 8/22/1996 | 20.0 | Manganese | 2.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1043220 | 8/22/1996 | 20.0 | Mercury | 3.86E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA1043220 | 8/22/1996 | 20.0 | Nickel | 9.24E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1043220 | 8/22/1996 | 20.0 | Phosphorus | 4.01E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1043220 | 8/22/1996 | 20.0 | Potassium | 4.08E+03 | | NS | NS | No Standard | No Standard | |
| KGA1043220 | 8/22/1996 | 20.0 | Sodium | 2.62E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1043220 | 8/22/1996 | 20.0 | Vanadium | 4.55E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1043220 | 8/22/1996 | 20.0 | Zinc | 6.74E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Aluminum | 1.41E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Arsenic | 5.31E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1050103 | 8/23/1996 | 3.0 | Barium | 1.47E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Beryllium | 9.49E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Cadmium | 8.92E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Calcium | 7.19E+03 | | NS | NS | No Standard | No Standard | |
| KGA1050103 | 8/23/1996 | 3.0 | Chromium | 1.09E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA1050103 | 8/23/1996 | 3.0 | Cobalt | 8.56E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Copper | 1.49E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Iron | 1.74E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Lead | 1.42E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Magnesium | 3.51E+03 | | NS | NS | No Standard | No Standard | |
| KGA1050103 | 8/23/1996 | 3.0 | Manganese | 2.32E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Nickel | 8.70E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Phosphorus | 3.99E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1050103 | 8/23/1996 | 3.0 | Potassium | 2.24E+03 | | NS | NS | No Standard | No Standard | |
| KGA1050103 | 8/23/1996 | 3.0 | Sodium | 1.09E+02 | J | NS | NS | No Standard | No Standard | |
| KGA1050103 | 8/23/1996 | 3.0 | Vanadium | 3.19E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA1050103 | 8/23/1996 | 3.0 | Zinc | 5.61E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2011108 | 8/27/1996 | 8.0 | Total organic carbon | 1.82E+04 | | NS | NS | No Standard | No Standard | |
| KGA2011520 | 8/27/1996 | 20.0 | Total organic carbon | 7.12E+03 | | NS | NS | No Standard | No Standard | |
| KGA2011608 | 8/28/1996 | 8.0 | Aluminum | 1.72E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2011608 | 8/28/1996 | 8.0 | Antimony | 4.88E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA2011608 | 8/28/1996 | 8.0 | Arsenic | 5.39E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2011608 | 8/28/1996 | 8.0 | Barium | 1.40E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2011608 | 8/28/1996 | 8.0 | Beryllium | 1.00E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2011608 | 8/28/1996 | 8.0 | Calcium | 6.73E+03 | | NS | NS | No Standard | No Standard | |
| KGA2011608 | 8/28/1996 | 8.0 | Chromium | 1.27E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2011608 | 8/28/1996 | 8.0 | Cobalt | 8.21E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2011608 | 8/28/1996 | 8.0 | Copper | 1.64E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2011608 | 8/28/1996 | 8.0 | Iron | 1.83E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2011608 | 8/28/1996 | 8.0 | Lead | 1.57E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2011608 | 8/28/1996 | 8.0 | Magnesium | 3.82E+03 | | NS | NS | No Standard | No Standard | |
| KGA2011608 | 8/28/1996 | 8.0 | Manganese | 2.07E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2011608 | 8/28/1996 | 8.0 | Mercury | 6.52E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2011608 | 8/28/1996 | 8.0 | Nickel | 9.05E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2011608 | 8/28/1996 | 8.0 | Phosphorus | 3.68E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2011608 | 8/28/1996 | 8.0 | Potassium | 2.86E+03 | | NS | NS | No Standard | No Standard | |
| KGA2011608 | 8/28/1996 | 8.0 | Sodium | 1.31E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2011608 | 8/28/1996 | 8.0 | Vanadium | 3.34E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2011608 | 8/28/1996 | 8.0 | Zinc | 6.01E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2014005 | 9/7/1996 | 5.0 | Aluminum | 1.14E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2014005 | 9/7/1996 | 5.0 | Arsenic | 5.77E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2014005 | 9/7/1996 | 5.0 | Barium | 2.35E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2014005 | 9/7/1996 | 5.0 | Beryllium | 6.75E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2014005 | 9/7/1996 | 5.0 | Calcium | 4.90E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014005 | 9/7/1996 | 5.0 | Chromium | 8.87E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2014005 | 9/7/1996 | 5.0 | Cobalt | 6.91E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2014005 | 9/7/1996 | 5.0 | Copper | 9.44E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2014005 | 9/7/1996 | 5.0 | Iron | 1.73E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2014005 | 9/7/1996 | 5.0 | Lead | 1.06E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2014005 | 9/7/1996 | 5.0 | Magnesium | 2.52E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014005 | 9/7/1996 | 5.0 | Manganese | 2.21E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2014005 | 9/7/1996 | 5.0 | Nickel | 7.32E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2014005 | 9/7/1996 | 5.0 | Phosphorus | 4.27E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2014005 | 9/7/1996 | 5.0 | Potassium | 1.81E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014005 | 9/7/1996 | 5.0 | Sodium | 7.79E+01 | J | NS | NS | No Standard | No Standard | |
| KGA2014005 | 9/7/1996 | 5.0 | Vanadium | 2.76E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2014005 | 9/7/1996 | 5.0 | Zinc | 4.35E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Aluminum | 3.01E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Arsenic | 5.60E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2014105 | 9/7/1996 | 5.0 | Barium | 1.90E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Beryllium | 1.29E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Cadmium | 1.69E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Calcium | 6.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014105 | 9/7/1996 | 5.0 | Chromium | 1.87E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2014105 | 9/7/1996 | 5.0 | Cobalt | 9.26E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Copper | 1.89E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Iron | 2.21E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Lead | 1.73E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Magnesium | 5.22E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014105 | 9/7/1996 | 5.0 | Manganese | 2.48E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Mercury | 4.19E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Nickel | 1.15E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Phosphorus | 3.92E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2014105 | 9/7/1996 | 5.0 | Potassium | 4.92E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014105 | 9/7/1996 | 5.0 | Sodium | 3.09E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2014105 | 9/7/1996 | 5.0 | Vanadium | 4.93E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2014105 | 9/7/1996 | 5.0 | Zinc | 8.19E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

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***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2014213 | 9/7/1996 | 13.0 | Aluminum | 1.68E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2014213 | 9/7/1996 | 13.0 | Arsenic | 6.05E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2014213 | 9/7/1996 | 13.0 | Barium | 3.53E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2014213 | 9/7/1996 | 13.0 | Beryllium | 8.55E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2014213 | 9/7/1996 | 13.0 | Cadmium | 1.11E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2014213 | 9/7/1996 | 13.0 | Calcium | 8.15E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014213 | 9/7/1996 | 13.0 | Chromium | 1.37E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2014213 | 9/7/1996 | 13.0 | Cobalt | 8.18E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2014213 | 9/7/1996 | 13.0 | Copper | 4.33E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2014213 | 9/7/1996 | 13.0 | Iron | 2.70E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA2014213 | 9/7/1996 | 13.0 | Lead | 3.72E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2014213 | 9/7/1996 | 13.0 | Magnesium | 3.39E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014213 | 9/7/1996 | 13.0 | Manganese | 3.25E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2014213 | 9/7/1996 | 13.0 | Nickel | 1.40E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2014213 | 9/7/1996 | 13.0 | Phosphorus | 4.41E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2014213 | 9/7/1996 | 13.0 | Potassium | 3.08E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014213 | 9/7/1996 | 13.0 | Sodium | 1.23E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2014213 | 9/7/1996 | 13.0 | Vanadium | 3.46E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2014213 | 9/7/1996 | 13.0 | Zinc | 8.57E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Aluminum | 1.37E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Arsenic | 6.03E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2014305 | 9/7/1996 | 5.0 | Barium | 2.33E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Beryllium | 8.01E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Cadmium | 6.98E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Calcium | 6.04E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014305 | 9/7/1996 | 5.0 | Chromium | 1.24E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2014305 | 9/7/1996 | 5.0 | Cobalt | 8.22E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Copper | 4.01E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Iron | 2.10E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Lead | 1.86E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Magnesium | 3.01E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014305 | 9/7/1996 | 5.0 | Manganese | 2.76E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Mercury | 3.64E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Molybdenum | 1.45E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Nickel | 1.16E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Phosphorus | 3.08E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2014305 | 9/7/1996 | 5.0 | Potassium | 2.68E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014305 | 9/7/1996 | 5.0 | Sodium | 1.11E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2014305 | 9/7/1996 | 5.0 | Vanadium | 3.00E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2014305 | 9/7/1996 | 5.0 | Zinc | 8.67E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Aluminum | 1.47E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Arsenic | 5.59E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2014405 | 9/7/1996 | 5.0 | Barium | 1.79E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Beryllium | 8.66E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2014405 | 9/7/1996 | 5.0 | Cadmium | 2.40E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Calcium | 5.54E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014405 | 9/7/1996 | 5.0 | Chromium | 1.17E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2014405 | 9/7/1996 | 5.0 | Cobalt | 7.71E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Copper | 2.01E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Iron | 1.90E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Lead | 1.62E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Magnesium | 3.19E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014405 | 9/7/1996 | 5.0 | Manganese | 2.73E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Mercury | 7.88E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Nickel | 1.10E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Phosphorus | 3.78E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2014405 | 9/7/1996 | 5.0 | Potassium | 3.01E+03 | | NS | NS | No Standard | No Standard | |
| KGA2014405 | 9/7/1996 | 5.0 | Sodium | 9.29E+01 | J | NS | NS | No Standard | No Standard | |
| KGA2014405 | 9/7/1996 | 5.0 | Vanadium | 3.16E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2014405 | 9/7/1996 | 5.0 | Zinc | 1.49E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Aluminum | 1.76E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Antimony | 7.03E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Arsenic | 5.36E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2020504 | 8/26/1996 | 4.0 | Barium | 1.44E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Beryllium | 1.03E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Cadmium | 7.15E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Calcium | 7.79E+03 | | NS | NS | No Standard | No Standard | |
| KGA2020504 | 8/26/1996 | 4.0 | Chromium | 1.24E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2020504 | 8/26/1996 | 4.0 | Cobalt | 8.55E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Copper | 1.57E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Iron | 1.77E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Lead | 1.46E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Magnesium | 3.86E+03 | | NS | NS | No Standard | No Standard | |
| KGA2020504 | 8/26/1996 | 4.0 | Manganese | 2.28E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Mercury | 5.10E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Nickel | 9.63E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Phosphorus | 3.64E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2020504 | 8/26/1996 | 4.0 | Potassium | 2.78E+03 | | NS | NS | No Standard | No Standard | |
| KGA2020504 | 8/26/1996 | 4.0 | Sodium | 2.32E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2020504 | 8/26/1996 | 4.0 | Vanadium | 3.57E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2020504 | 8/26/1996 | 4.0 | Zinc | 5.93E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Aluminum | 1.93E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Antimony | 5.75E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Arsenic | 5.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2020813 | 8/26/1996 | 13.0 | Barium | 1.62E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Beryllium | 1.09E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Cadmium | 5.16E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Calcium | 7.09E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2020813 | 8/26/1996 | 13.0 | Chromium | 1.34E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2020813 | 8/26/1996 | 13.0 | Cobalt | 8.36E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Copper | 1.75E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Iron | 1.94E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Lead | 1.64E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Magnesium | 3.98E+03 | | NS | NS | No Standard | No Standard | |
| KGA2020813 | 8/26/1996 | 13.0 | Manganese | 2.30E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Mercury | 6.33E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Nickel | 1.01E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Phosphorus | 3.99E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2020813 | 8/26/1996 | 13.0 | Potassium | 2.97E+03 | | NS | NS | No Standard | No Standard | |
| KGA2020813 | 8/26/1996 | 13.0 | Sodium | 1.97E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2020813 | 8/26/1996 | 13.0 | Vanadium | 3.61E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2020813 | 8/26/1996 | 13.0 | Zinc | 6.62E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2021120 | 8/26/1996 | 20.0 | Total organic carbon | 3.89E+03 | | NS | NS | No Standard | No Standard | |
| KGA2021305 | 8/26/1996 | 5.0 | Aluminum | 2.07E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Antimony | 4.52E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Arsenic | 4.96E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2021305 | 8/26/1996 | 5.0 | Barium | 1.49E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Beryllium | 1.10E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Calcium | 5.81E+03 | | NS | NS | No Standard | No Standard | |
| KGA2021305 | 8/26/1996 | 5.0 | Chromium | 1.38E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2021305 | 8/26/1996 | 5.0 | Cobalt | 8.73E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Copper | 1.80E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Iron | 1.93E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Lead | 1.64E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Magnesium | 4.14E+03 | | NS | NS | No Standard | No Standard | |
| KGA2021305 | 8/26/1996 | 5.0 | Manganese | 2.48E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Mercury | 5.19E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Nickel | 9.29E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Phosphorus | 3.99E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2021305 | 8/26/1996 | 5.0 | Potassium | 3.94E+03 | | NS | NS | No Standard | No Standard | |
| KGA2021305 | 8/26/1996 | 5.0 | Sodium | 1.00E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2021305 | 8/26/1996 | 5.0 | Vanadium | 3.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2021305 | 8/26/1996 | 5.0 | Zinc | 6.86E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Aluminum | 1.28E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Antimony | 8.65E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Arsenic | 8.50E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2022213 | 8/28/1996 | 13.0 | Barium | 8.75E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Beryllium | 7.92E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Calcium | 3.27E+03 | | NS | NS | No Standard | No Standard | |
| KGA2022213 | 8/28/1996 | 13.0 | Chromium | 1.02E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2022213 | 8/28/1996 | 13.0 | Cobalt | 8.49E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Copper | 9.02E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2022213 | 8/28/1996 | 13.0 | Iron | 1.84E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Lead | 1.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Magnesium | 2.36E+03 | | NS | NS | No Standard | No Standard | |
| KGA2022213 | 8/28/1996 | 13.0 | Manganese | 2.05E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Mercury | 2.97E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Nickel | 6.97E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Phosphorus | 2.78E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2022213 | 8/28/1996 | 13.0 | Potassium | 2.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA2022213 | 8/28/1996 | 13.0 | Sodium | 8.02E+01 | J | NS | NS | No Standard | No Standard | |
| KGA2022213 | 8/28/1996 | 13.0 | Vanadium | 2.97E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2022213 | 8/28/1996 | 13.0 | Zinc | 4.28E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Aluminum | 1.33E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Arsenic | 6.57E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2024011 | 9/7/1996 | 11.0 | Barium | 1.23E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Beryllium | 7.97E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Calcium | 4.88E+03 | | NS | NS | No Standard | No Standard | |
| KGA2024011 | 9/7/1996 | 11.0 | Chromium | 1.12E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2024011 | 9/7/1996 | 11.0 | Cobalt | 6.44E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Copper | 1.12E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Iron | 1.71E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Lead | 1.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Magnesium | 2.68E+03 | | NS | NS | No Standard | No Standard | |
| KGA2024011 | 9/7/1996 | 11.0 | Manganese | 1.81E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Mercury | 6.42E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Nickel | 8.80E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Phosphorus | 3.18E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2024011 | 9/7/1996 | 11.0 | Potassium | 2.21E+03 | | NS | NS | No Standard | No Standard | |
| KGA2024011 | 9/7/1996 | 11.0 | Sodium | 1.09E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2024011 | 9/7/1996 | 11.0 | Vanadium | 2.74E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2024011 | 9/7/1996 | 11.0 | Zinc | 5.67E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Aluminum | 2.72E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Arsenic | 5.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2030203 | 8/24/1996 | 3.0 | Barium | 1.87E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Beryllium | 1.22E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Cadmium | 7.10E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Calcium | 8.21E+03 | | NS | NS | No Standard | No Standard | |
| KGA2030203 | 8/24/1996 | 3.0 | Chromium | 1.67E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2030203 | 8/24/1996 | 3.0 | Cobalt | 9.11E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Copper | 1.64E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Iron | 2.04E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Lead | 1.49E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Magnesium | 4.56E+03 | | NS | NS | No Standard | No Standard | |
| KGA2030203 | 8/24/1996 | 3.0 | Manganese | 2.67E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Mercury | 3.68E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2030203 | 8/24/1996 | 3.0 | Molybdenum | 2.52E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Nickel | 9.85E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Phosphorus | 3.35E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2030203 | 8/24/1996 | 3.0 | Potassium | 4.33E+03 | | NS | NS | No Standard | No Standard | |
| KGA2030203 | 8/24/1996 | 3.0 | Sodium | 1.76E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2030203 | 8/24/1996 | 3.0 | Vanadium | 4.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2030203 | 8/24/1996 | 3.0 | Zinc | 6.33E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Aluminum | 1.98E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Antimony | 6.26E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Arsenic | 5.51E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2030408 | 8/28/1996 | 8.0 | Barium | 1.62E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Beryllium | 1.07E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Calcium | 9.38E+03 | | NS | NS | No Standard | No Standard | |
| KGA2030408 | 8/28/1996 | 8.0 | Chromium | 1.39E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2030408 | 8/28/1996 | 8.0 | Cobalt | 8.84E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Copper | 1.62E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Iron | 1.92E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Lead | 1.58E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Magnesium | 4.26E+03 | | NS | NS | No Standard | No Standard | |
| KGA2030408 | 8/28/1996 | 8.0 | Manganese | 2.31E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Mercury | 6.09E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Nickel | 9.28E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Phosphorus | 3.90E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2030408 | 8/28/1996 | 8.0 | Potassium | 3.21E+03 | | NS | NS | No Standard | No Standard | |
| KGA2030408 | 8/28/1996 | 8.0 | Sodium | 1.48E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2030408 | 8/28/1996 | 8.0 | Vanadium | 3.76E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2030408 | 8/28/1996 | 8.0 | Zinc | 6.16E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Aluminum | 1.37E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Arsenic | 5.20E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2034020 | 9/7/1996 | 20.0 | Barium | 1.65E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Beryllium | 8.91E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Cadmium | 9.40E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Calcium | 9.09E+03 | | NS | NS | No Standard | No Standard | |
| KGA2034020 | 9/7/1996 | 20.0 | Chromium | 1.06E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2034020 | 9/7/1996 | 20.0 | Cobalt | 7.68E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Copper | 1.51E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Iron | 1.69E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Lead | 1.36E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Magnesium | 3.31E+03 | | NS | NS | No Standard | No Standard | |
| KGA2034020 | 9/7/1996 | 20.0 | Manganese | 2.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Mercury | 4.99E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Nickel | 9.86E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Phosphorus | 3.76E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2034020 | 9/7/1996 | 20.0 | Potassium | 2.07E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2034020 | 9/7/1996 | 20.0 | Sodium | 1.36E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2034020 | 9/7/1996 | 20.0 | Vanadium | 2.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2034020 | 9/7/1996 | 20.0 | Zinc | 5.47E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Aluminum | 1.25E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Arsenic | 5.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2040703 | 8/26/1996 | 3.0 | Barium | 1.39E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Beryllium | 7.71E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Calcium | 7.22E+03 | | NS | NS | No Standard | No Standard | |
| KGA2040703 | 8/26/1996 | 3.0 | Chromium | 9.42E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2040703 | 8/26/1996 | 3.0 | Cobalt | 7.21E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Copper | 1.19E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Iron | 1.60E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Lead | 1.24E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Magnesium | 2.95E+03 | | NS | NS | No Standard | No Standard | |
| KGA2040703 | 8/26/1996 | 3.0 | Manganese | 2.09E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Mercury | 3.34E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Nickel | 7.65E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Phosphorus | 3.47E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2040703 | 8/26/1996 | 3.0 | Potassium | 2.05E+03 | | NS | NS | No Standard | No Standard | |
| KGA2040703 | 8/26/1996 | 3.0 | Sodium | 8.03E+01 | J | NS | NS | No Standard | No Standard | |
| KGA2040703 | 8/26/1996 | 3.0 | Vanadium | 2.89E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2040703 | 8/26/1996 | 3.0 | Zinc | 4.97E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Aluminum | 2.56E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Arsenic | 6.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2040903 | 8/26/1996 | 3.0 | Barium | 1.68E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Beryllium | 1.24E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Calcium | 7.84E+03 | | NS | NS | No Standard | No Standard | |
| KGA2040903 | 8/26/1996 | 3.0 | Chromium | 1.74E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2040903 | 8/26/1996 | 3.0 | Cobalt | 1.04E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Copper | 1.76E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Iron | 2.20E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Lead | 1.64E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Magnesium | 4.79E+03 | | NS | NS | No Standard | No Standard | |
| KGA2040903 | 8/26/1996 | 3.0 | Manganese | 2.64E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Mercury | 3.55E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Nickel | 1.08E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Phosphorus | 3.72E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2040903 | 8/26/1996 | 3.0 | Potassium | 4.26E+03 | | NS | NS | No Standard | No Standard | |
| KGA2040903 | 8/26/1996 | 3.0 | Sodium | 1.63E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2040903 | 8/26/1996 | 3.0 | Vanadium | 4.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2040903 | 8/26/1996 | 3.0 | Zinc | 7.25E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2041508 | 8/26/1996 | 8.0 | Aluminum | 2.17E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2041508 | 8/26/1996 | 8.0 | Arsenic | 5.26E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2041508 | 8/26/1996 | 8.0 | Barium | 1.59E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2041508 | 8/26/1996 | 8.0 | Beryllium | 1.11E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2041508 | 8/26/1996 | 8.0 | Calcium | 8.12E+03 | | NS | NS | No Standard | No Standard | |
| KGA2041508 | 8/26/1996 | 8.0 | Chromium | 1.50E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2041508 | 8/26/1996 | 8.0 | Cobalt | 8.92E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2041508 | 8/26/1996 | 8.0 | Copper | 1.64E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2041508 | 8/26/1996 | 8.0 | Iron | 1.98E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2041508 | 8/26/1996 | 8.0 | Lead | 1.48E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2041508 | 8/26/1996 | 8.0 | Magnesium | 4.47E+03 | | NS | NS | No Standard | No Standard | |
| KGA2041508 | 8/26/1996 | 8.0 | Manganese | 2.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2041508 | 8/26/1996 | 8.0 | Mercury | 4.09E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2041508 | 8/26/1996 | 8.0 | Nickel | 1.02E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2041508 | 8/26/1996 | 8.0 | Phosphorus | 3.55E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2041508 | 8/26/1996 | 8.0 | Potassium | 3.35E+03 | | NS | NS | No Standard | No Standard | |
| KGA2041508 | 8/26/1996 | 8.0 | Sodium | 1.47E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2041508 | 8/26/1996 | 8.0 | Vanadium | 3.72E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2041508 | 8/26/1996 | 8.0 | Zinc | 6.32E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2041920 | 8/26/1996 | 20.0 | Total organic carbon | 5.58E+03 | | NS | NS | No Standard | No Standard | |
| KGA2042108 | 8/26/1996 | 8.0 | Aluminum | 2.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2042108 | 8/26/1996 | 8.0 | Arsenic | 5.21E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2042108 | 8/26/1996 | 8.0 | Barium | 1.65E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2042108 | 8/26/1996 | 8.0 | Beryllium | 1.05E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2042108 | 8/26/1996 | 8.0 | Calcium | 7.92E+03 | | NS | NS | No Standard | No Standard | |
| KGA2042108 | 8/26/1996 | 8.0 | Chromium | 1.40E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2042108 | 8/26/1996 | 8.0 | Cobalt | 8.27E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2042108 | 8/26/1996 | 8.0 | Copper | 1.54E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2042108 | 8/26/1996 | 8.0 | Iron | 1.95E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2042108 | 8/26/1996 | 8.0 | Lead | 1.59E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2042108 | 8/26/1996 | 8.0 | Magnesium | 4.38E+03 | | NS | NS | No Standard | No Standard | |
| KGA2042108 | 8/26/1996 | 8.0 | Manganese | 2.22E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2042108 | 8/26/1996 | 8.0 | Mercury | 4.71E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2042108 | 8/26/1996 | 8.0 | Nickel | 1.07E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2042108 | 8/26/1996 | 8.0 | Phosphorus | 3.88E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2042108 | 8/26/1996 | 8.0 | Potassium | 3.32E+03 | | NS | NS | No Standard | No Standard | |
| KGA2042108 | 8/26/1996 | 8.0 | Sodium | 1.56E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2042108 | 8/26/1996 | 8.0 | Vanadium | 3.76E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2042108 | 8/26/1996 | 8.0 | Zinc | 6.57E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Aluminum | 2.16E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Antimony | 4.85E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Arsenic | 5.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2042501 | 8/28/1996 | 1.0 | Barium | 2.22E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Beryllium | 1.10E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Calcium | 5.75E+03 | | NS | NS | No Standard | No Standard | |
| KGA2042501 | 8/28/1996 | 1.0 | Chromium | 1.43E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2042501 | 8/28/1996 | 1.0 | Cobalt | 8.41E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2042501 | 8/28/1996 | 1.0 | Copper | 1.71E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Iron | 1.92E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Lead | 1.58E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Magnesium | 4.11E+03 | | NS | NS | No Standard | No Standard | |
| KGA2042501 | 8/28/1996 | 1.0 | Manganese | 2.19E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Mercury | 6.17E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Nickel | 9.70E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Phosphorus | 5.25E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2042501 | 8/28/1996 | 1.0 | Potassium | 4.33E+03 | | NS | NS | No Standard | No Standard | |
| KGA2042501 | 8/28/1996 | 1.0 | Sodium | 7.43E+01 | J | NS | NS | No Standard | No Standard | |
| KGA2042501 | 8/28/1996 | 1.0 | Vanadium | 4.06E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2042501 | 8/28/1996 | 1.0 | Zinc | 6.65E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Aluminum | 1.28E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Arsenic | 5.20E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2044020 | 9/7/1996 | 20.0 | Barium | 1.58E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Beryllium | 7.72E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Cadmium | 4.97E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Calcium | 6.04E+03 | | NS | NS | No Standard | No Standard | |
| KGA2044020 | 9/7/1996 | 20.0 | Chromium | 9.37E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2044020 | 9/7/1996 | 20.0 | Cobalt | 8.14E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Copper | 1.03E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Iron | 1.52E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Lead | 1.17E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Magnesium | 2.67E+03 | | NS | NS | No Standard | No Standard | |
| KGA2044020 | 9/7/1996 | 20.0 | Manganese | 2.41E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Nickel | 8.28E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Phosphorus | 2.83E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2044020 | 9/7/1996 | 20.0 | Potassium | 2.10E+03 | | NS | NS | No Standard | No Standard | |
| KGA2044020 | 9/7/1996 | 20.0 | Sodium | 1.06E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2044020 | 9/7/1996 | 20.0 | Vanadium | 2.79E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2044020 | 9/7/1996 | 20.0 | Zinc | 4.58E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Aluminum | 1.64E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Antimony | 3.72E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Arsenic | 5.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2050203 | 8/24/1996 | 3.0 | Barium | 2.12E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Beryllium | 1.08E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Cadmium | 1.79E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Calcium | 7.87E+03 | | NS | NS | No Standard | No Standard | |
| KGA2050203 | 8/24/1996 | 3.0 | Chromium | 1.23E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2050203 | 8/24/1996 | 3.0 | Cobalt | 9.12E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Copper | 2.10E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Iron | 1.96E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Lead | 1.48E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Magnesium | 3.72E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2050203 | 8/24/1996 | 3.0 | Manganese | 3.47E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Nickel | 9.15E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Phosphorus | 3.57E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2050203 | 8/24/1996 | 3.0 | Potassium | 3.17E+03 | | NS | NS | No Standard | No Standard | |
| KGA2050203 | 8/24/1996 | 3.0 | Silver | 4.60E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Sodium | 1.20E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2050203 | 8/24/1996 | 3.0 | Vanadium | 3.50E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2050203 | 8/24/1996 | 3.0 | Zinc | 7.10E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2050408 | 8/26/1996 | 8.0 | Total organic carbon | 2.69E+04 | | NS | NS | No Standard | No Standard | |
| KGA2054018 | 9/7/1996 | 18.0 | Aluminum | 1.32E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2054018 | 9/7/1996 | 18.0 | Arsenic | 5.85E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2054018 | 9/7/1996 | 18.0 | Barium | 1.64E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2054018 | 9/7/1996 | 18.0 | Beryllium | 8.02E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2054018 | 9/7/1996 | 18.0 | Calcium | 4.18E+03 | | NS | NS | No Standard | No Standard | |
| KGA2054018 | 9/7/1996 | 18.0 | Chromium | 9.46E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2054018 | 9/7/1996 | 18.0 | Cobalt | 8.02E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2054018 | 9/7/1996 | 18.0 | Copper | 9.97E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2054018 | 9/7/1996 | 18.0 | Iron | 1.61E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2054018 | 9/7/1996 | 18.0 | Lead | 1.18E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2054018 | 9/7/1996 | 18.0 | Magnesium | 2.63E+03 | | NS | NS | No Standard | No Standard | |
| KGA2054018 | 9/7/1996 | 18.0 | Manganese | 2.40E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2054018 | 9/7/1996 | 18.0 | Nickel | 8.46E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2054018 | 9/7/1996 | 18.0 | Phosphorus | 2.89E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2054018 | 9/7/1996 | 18.0 | Potassium | 2.00E+03 | | NS | NS | No Standard | No Standard | |
| KGA2054018 | 9/7/1996 | 18.0 | Sodium | 1.02E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2054018 | 9/7/1996 | 18.0 | Vanadium | 2.91E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2054018 | 9/7/1996 | 18.0 | Zinc | 4.81E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2064006 | 9/7/1996 | 6.0 | Aluminum | 2.26E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA2064006 | 9/7/1996 | 6.0 | Arsenic | 6.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2064006 | 9/7/1996 | 6.0 | Barium | 1.32E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA2064006 | 9/7/1996 | 6.0 | Beryllium | 1.02E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA2064006 | 9/7/1996 | 6.0 | Calcium | 5.07E+03 | | NS | NS | No Standard | No Standard | |
| KGA2064006 | 9/7/1996 | 6.0 | Chromium | 1.54E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA2064006 | 9/7/1996 | 6.0 | Cobalt | 7.97E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA2064006 | 9/7/1996 | 6.0 | Copper | 1.36E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA2064006 | 9/7/1996 | 6.0 | Iron | 1.92E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA2064006 | 9/7/1996 | 6.0 | Lead | 1.37E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA2064006 | 9/7/1996 | 6.0 | Magnesium | 3.84E+03 | | NS | NS | No Standard | No Standard | |
| KGA2064006 | 9/7/1996 | 6.0 | Manganese | 2.18E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA2064006 | 9/7/1996 | 6.0 | Nickel | 9.67E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA2064006 | 9/7/1996 | 6.0 | Phosphorus | 3.70E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2064006 | 9/7/1996 | 6.0 | Potassium | 3.79E+03 | | NS | NS | No Standard | No Standard | |
| KGA2064006 | 9/7/1996 | 6.0 | Sodium | 1.04E+02 | J | NS | NS | No Standard | No Standard | |
| KGA2064006 | 9/7/1996 | 6.0 | Thallium | 6.06E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2064006 | 9/7/1996 | 6.0 | Vanadium | 3.93E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA2064006 | 9/7/1996 | 6.0 | Zinc | 5.49E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA2064106 | 9/7/1996 | 6.0 | Total organic carbon | 1.19E+04 | | NS | NS | No Standard | No Standard | |
| KGA3014003 | 8/6/1996 | 3.0 | Aluminum | 4.94E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3014003 | 8/6/1996 | 3.0 | Arsenic | 2.13E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3014003 | 8/6/1996 | 3.0 | Barium | 9.49E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3014003 | 8/6/1996 | 3.0 | Calcium | 8.52E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014003 | 8/6/1996 | 3.0 | Chromium | 3.81E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3014003 | 8/6/1996 | 3.0 | Cobalt | 1.98E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3014003 | 8/6/1996 | 3.0 | Copper | 2.71E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3014003 | 8/6/1996 | 3.0 | Iron | 5.53E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3014003 | 8/6/1996 | 3.0 | Lead | 4.10E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3014003 | 8/6/1996 | 3.0 | Magnesium | 1.15E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014003 | 8/6/1996 | 3.0 | Manganese | 1.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3014003 | 8/6/1996 | 3.0 | Nickel | 3.08E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3014003 | 8/6/1996 | 3.0 | Phosphorus | 6.20E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3014003 | 8/6/1996 | 3.0 | Potassium | 1.52E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014003 | 8/6/1996 | 3.0 | Sodium | 2.61E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3014003 | 8/6/1996 | 3.0 | Vanadium | 1.40E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3014003 | 8/6/1996 | 3.0 | Zinc | 1.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Aluminum | 1.62E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Arsenic | 3.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Barium | 1.09E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Beryllium | 6.27E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Calcium | 8.76E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014020 | 9/5/1996 | 20.0 | Chromium | 9.75E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3014020 | 9/5/1996 | 20.0 | Cobalt | 4.48E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Copper | 7.04E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Iron | 1.16E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Lead | 8.07E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Magnesium | 2.66E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014020 | 9/5/1996 | 20.0 | Manganese | 1.85E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Molybdenum | 4.85E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Nickel | 5.66E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Phosphorus | 1.97E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3014020 | 9/5/1996 | 20.0 | Potassium | 3.24E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014020 | 9/5/1996 | 20.0 | Sodium | 9.38E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3014020 | 9/5/1996 | 20.0 | Thallium | 1.27E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Vanadium | 2.91E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3014020 | 9/5/1996 | 20.0 | Zinc | 3.08E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3014105 | 9/5/1996 | 5.0 | Aluminum | 8.38E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3014105 | 9/5/1996 | 5.0 | Arsenic | 1.42E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3014105 | 9/5/1996 | 5.0 | Barium | 7.28E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3014105 | 9/5/1996 | 5.0 | Beryllium | 2.94E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3014105 | 9/5/1996 | 5.0 | Calcium | 9.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014105 | 9/5/1996 | 5.0 | Chromium | 4.75E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3014105 | 9/5/1996 | 5.0 | Cobalt | 1.42E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3014105 | 9/5/1996 | 5.0 | Copper | 2.49E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3014105 | 9/5/1996 | 5.0 | Iron | 6.23E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3014105 | 9/5/1996 | 5.0 | Lead | 3.96E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3014105 | 9/5/1996 | 5.0 | Magnesium | 1.61E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014105 | 9/5/1996 | 5.0 | Manganese | 1.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3014105 | 9/5/1996 | 5.0 | Nickel | 2.48E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3014105 | 9/5/1996 | 5.0 | Phosphorus | 1.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3014105 | 9/5/1996 | 5.0 | Potassium | 2.48E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014105 | 9/5/1996 | 5.0 | Sodium | 3.26E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3014105 | 9/5/1996 | 5.0 | Vanadium | 1.74E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3014105 | 9/5/1996 | 5.0 | Zinc | 1.22E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Aluminum | 9.84E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Arsenic | 2.45E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Barium | 8.29E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Beryllium | 4.76E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Calcium | 9.17E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014220 | 9/5/1996 | 20.0 | Chromium | 6.64E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3014220 | 9/5/1996 | 20.0 | Cobalt | 3.28E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Copper | 5.31E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Iron | 9.25E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Lead | 6.76E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Magnesium | 2.06E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014220 | 9/5/1996 | 20.0 | Manganese | 1.72E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Molybdenum | 1.77E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Nickel | 5.25E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Phosphorus | 1.85E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3014220 | 9/5/1996 | 20.0 | Potassium | 2.17E+03 | | NS | NS | No Standard | No Standard | |
| KGA3014220 | 9/5/1996 | 20.0 | Sodium | 7.19E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3014220 | 9/5/1996 | 20.0 | Vanadium | 2.02E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3014220 | 9/5/1996 | 20.0 | Zinc | 2.30E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Aluminum | 1.02E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Arsenic | 5.79E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3020313 | 8/9/1996 | 13.0 | Barium | 1.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Beryllium | 6.89E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Calcium | 4.98E+03 | | NS | NS | No Standard | No Standard | |
| KGA3020313 | 8/9/1996 | 13.0 | Chromium | 7.56E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3020313 | 8/9/1996 | 13.0 | Cobalt | 4.77E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Copper | 8.06E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Iron | 1.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Lead | 1.01E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Magnesium | 2.17E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3020313 | 8/9/1996 | 13.0 | Manganese | 1.92E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Molybdenum | 1.13E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Nickel | 7.30E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Phosphorus | 3.11E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3020313 | 8/9/1996 | 13.0 | Potassium | 1.91E+03 | | NS | NS | No Standard | No Standard | |
| KGA3020313 | 8/9/1996 | 13.0 | Sodium | 1.12E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3020313 | 8/9/1996 | 13.0 | Vanadium | 2.29E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3020313 | 8/9/1996 | 13.0 | Zinc | 3.89E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Aluminum | 1.31E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Arsenic | 4.88E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3020511 | 8/9/1996 | 11.0 | Barium | 1.77E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Beryllium | 8.93E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Cadmium | 4.81E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Calcium | 6.72E+03 | | NS | NS | No Standard | No Standard | |
| KGA3020511 | 8/9/1996 | 11.0 | Chromium | 9.65E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3020511 | 8/9/1996 | 11.0 | Cobalt | 7.29E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Copper | 1.43E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Iron | 1.55E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Lead | 1.36E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Magnesium | 2.93E+03 | | NS | NS | No Standard | No Standard | |
| KGA3020511 | 8/9/1996 | 11.0 | Manganese | 2.19E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Nickel | 9.61E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Phosphorus | 2.92E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3020511 | 8/9/1996 | 11.0 | Potassium | 2.13E+03 | | NS | NS | No Standard | No Standard | |
| KGA3020511 | 8/9/1996 | 11.0 | Sodium | 1.50E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3020511 | 8/9/1996 | 11.0 | Vanadium | 2.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3020511 | 8/9/1996 | 11.0 | Zinc | 5.88E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Aluminum | 4.98E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Arsenic | 2.03E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Barium | 6.39E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Beryllium | 2.86E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Calcium | 8.30E+03 | | NS | NS | No Standard | No Standard | |
| KGA3021002 | 8/9/1996 | 2.0 | Chromium | 3.32E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3021002 | 8/9/1996 | 2.0 | Cobalt | 1.10E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Copper | 1.85E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Iron | 5.38E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Lead | 4.35E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Magnesium | 1.12E+03 | | NS | NS | No Standard | No Standard | |
| KGA3021002 | 8/9/1996 | 2.0 | Manganese | 1.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Nickel | 2.20E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Potassium | 1.62E+03 | | NS | NS | No Standard | No Standard | |
| KGA3021002 | 8/9/1996 | 2.0 | Sodium | 2.20E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3021002 | 8/9/1996 | 2.0 | Vanadium | 1.31E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3021002 | 8/9/1996 | 2.0 | Zinc | 9.26E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3030412 | 8/9/1996 | 12.0 | Aluminum | 1.40E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Arsenic | 5.11E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3030412 | 8/9/1996 | 12.0 | Barium | 1.58E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Beryllium | 8.86E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Cadmium | 1.07E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Calcium | 6.62E+03 | | NS | NS | No Standard | No Standard | |
| KGA3030412 | 8/9/1996 | 12.0 | Chromium | 9.96E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3030412 | 8/9/1996 | 12.0 | Cobalt | 7.82E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Copper | 1.27E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Iron | 1.65E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Lead | 1.32E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Magnesium | 2.97E+03 | | NS | NS | No Standard | No Standard | |
| KGA3030412 | 8/9/1996 | 12.0 | Manganese | 2.43E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Mercury | 3.33E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Nickel | 9.15E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Potassium | 2.49E+03 | | NS | NS | No Standard | No Standard | |
| KGA3030412 | 8/9/1996 | 12.0 | Sodium | 1.64E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3030412 | 8/9/1996 | 12.0 | Vanadium | 2.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3030412 | 8/9/1996 | 12.0 | Zinc | 1.20E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Aluminum | 1.35E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Arsenic | 4.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3031005 | 9/5/1996 | 5.0 | Barium | 1.49E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Beryllium | 6.90E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Calcium | 8.27E+03 | | NS | NS | No Standard | No Standard | |
| KGA3031005 | 9/5/1996 | 5.0 | Chromium | 9.61E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3031005 | 9/5/1996 | 5.0 | Cobalt | 5.57E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Copper | 1.36E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Iron | 1.54E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Lead | 1.77E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Magnesium | 2.80E+03 | | NS | NS | No Standard | No Standard | |
| KGA3031005 | 9/5/1996 | 5.0 | Manganese | 2.27E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Nickel | 8.27E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Phosphorus | 2.55E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3031005 | 9/5/1996 | 5.0 | Potassium | 2.87E+03 | | NS | NS | No Standard | No Standard | |
| KGA3031005 | 9/5/1996 | 5.0 | Sodium | 9.20E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3031005 | 9/5/1996 | 5.0 | Thallium | 1.38E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Vanadium | 2.66E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3031005 | 9/5/1996 | 5.0 | Zinc | 2.51E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Aluminum | 6.57E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Arsenic | 2.05E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Barium | 9.49E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Beryllium | 3.48E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Calcium | 1.15E+04 | | NS | NS | No Standard | No Standard | |
| KGA3040903 | 8/10/1996 | 3.0 | Chromium | 3.65E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3040903 | 8/10/1996 | 3.0 | Cobalt | 8.64E-01 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Copper | 2.77E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Iron | 6.65E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Lead | 4.63E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Magnesium | 1.50E+03 | | NS | NS | No Standard | No Standard | |
| KGA3040903 | 8/10/1996 | 3.0 | Manganese | 1.94E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Nickel | 2.73E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Phosphorus | 1.14E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3040903 | 8/10/1996 | 3.0 | Potassium | 3.95E+03 | | NS | NS | No Standard | No Standard | |
| KGA3040903 | 8/10/1996 | 3.0 | Sodium | 2.05E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3040903 | 8/10/1996 | 3.0 | Vanadium | 1.50E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3040903 | 8/10/1996 | 3.0 | Zinc | 1.35E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Aluminum | 2.56E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Arsenic | 6.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3041009 | 8/10/1996 | 9.0 | Barium | 2.13E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Beryllium | 1.18E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Cadmium | 2.42E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Calcium | 1.08E+04 | | NS | NS | No Standard | No Standard | |
| KGA3041009 | 8/10/1996 | 9.0 | Chromium | 1.64E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3041009 | 8/10/1996 | 9.0 | Cobalt | 9.59E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Copper | 1.95E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Iron | 2.28E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Lead | 1.97E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Magnesium | 5.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA3041009 | 8/10/1996 | 9.0 | Manganese | 2.57E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Mercury | 5.41E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Molybdenum | 1.95E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Nickel | 1.20E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Phosphorus | 3.68E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3041009 | 8/10/1996 | 9.0 | Potassium | 4.09E+03 | | NS | NS | No Standard | No Standard | |
| KGA3041009 | 8/10/1996 | 9.0 | Sodium | 2.06E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3041009 | 8/10/1996 | 9.0 | Vanadium | 4.64E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3041009 | 8/10/1996 | 9.0 | Zinc | 7.39E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Aluminum | 9.15E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Arsenic | 1.30E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Barium | 8.68E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Beryllium | 2.94E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Calcium | 1.88E+04 | | NS | NS | No Standard | No Standard | |
| KGA3041316 | 8/12/1996 | 16.0 | Chromium | 4.69E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3041316 | 8/12/1996 | 16.0 | Cobalt | 1.88E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Copper | 3.24E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Iron | 7.22E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Lead | 4.13E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Magnesium | 1.86E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3041316 | 8/12/1996 | 16.0 | Manganese | 1.98E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Nickel | 2.89E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Potassium | 2.75E+03 | | NS | NS | No Standard | No Standard | |
| KGA3041316 | 8/12/1996 | 16.0 | Sodium | 4.98E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3041316 | 8/12/1996 | 16.0 | Thallium | 5.45E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Vanadium | 1.74E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3041316 | 8/12/1996 | 16.0 | Zinc | 1.52E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | 4-Amino-2,6-dinitrotoluene | 4.48E-01 | J | NS | NS | No Standard | No Standard | |
| KGA3041415 | 8/12/1996 | 15.0 | Aluminum | 1.40E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Arsenic | 5.36E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3041415 | 8/12/1996 | 15.0 | Barium | 2.25E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Beryllium | 8.23E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Cadmium | 4.29E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Calcium | 8.87E+03 | | NS | NS | No Standard | No Standard | |
| KGA3041415 | 8/12/1996 | 15.0 | Chromium | 1.01E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3041415 | 8/12/1996 | 15.0 | Cobalt | 5.70E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Copper | 2.10E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Iron | 1.77E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Lead | 2.08E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Magnesium | 2.86E+03 | | NS | NS | No Standard | No Standard | |
| KGA3041415 | 8/12/1996 | 15.0 | Manganese | 2.68E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Mercury | 3.22E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Molybdenum | 1.72E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Nickel | 9.45E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Phosphorus | 2.84E+02 | | NS | 1.56E+00 | Proposed | Proposed | YES |
| KGA3041415 | 8/12/1996 | 15.0 | Potassium | 3.24E+03 | | NS | NS | No Standard | No Standard | |
| KGA3041415 | 8/12/1996 | 15.0 | Sodium | 1.40E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3041415 | 8/12/1996 | 15.0 | Vanadium | 2.60E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3041415 | 8/12/1996 | 15.0 | Zinc | 5.17E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Aluminum | 1.51E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Arsenic | 6.04E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3050103 | 8/12/1996 | 3.0 | Barium | 2.49E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Beryllium | 6.35E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Cadmium | 6.47E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Calcium | 4.31E+03 | | NS | NS | No Standard | No Standard | |
| KGA3050103 | 8/12/1996 | 3.0 | Chromium | 9.37E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3050103 | 8/12/1996 | 3.0 | Cobalt | 7.46E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Copper | 9.33E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Iron | 1.73E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Lead | 1.11E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Magnesium | 2.45E+03 | | NS | NS | No Standard | No Standard | |
| KGA3050103 | 8/12/1996 | 3.0 | Manganese | 2.46E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Mercury | 3.16E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Molybdenum | 1.55E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3050103 | 8/12/1996 | 3.0 | Nickel | 8.97E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Phosphorus | 2.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3050103 | 8/12/1996 | 3.0 | Potassium | 2.44E+03 | | NS | NS | No Standard | No Standard | |
| KGA3050103 | 8/12/1996 | 3.0 | Sodium | 8.40E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3050103 | 8/12/1996 | 3.0 | Thallium | 1.08E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Vanadium | 2.99E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3050103 | 8/12/1996 | 3.0 | Zinc | 4.50E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Aluminum | 1.31E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Arsenic | 4.94E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3050401 | 8/19/1996 | 1.0 | Barium | 2.13E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Beryllium | 7.26E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Calcium | 5.45E+03 | J | NS | NS | No Standard | No Standard | |
| KGA3050401 | 8/19/1996 | 1.0 | Chromium | 1.01E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3050401 | 8/19/1996 | 1.0 | Cobalt | 6.92E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Copper | 1.45E+01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Iron | 1.82E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Lead | 1.35E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Magnesium | 2.71E+03 | J | NS | NS | No Standard | No Standard | |
| KGA3050401 | 8/19/1996 | 1.0 | Manganese | 2.51E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Mercury | 3.02E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Molybdenum | 1.31E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Nickel | 7.78E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Phosphorus | 2.95E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3050401 | 8/19/1996 | 1.0 | Potassium | 2.86E+03 | J | NS | NS | No Standard | No Standard | |
| KGA3050401 | 8/19/1996 | 1.0 | Sodium | 7.23E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3050401 | 8/19/1996 | 1.0 | Vanadium | 2.77E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3050401 | 8/19/1996 | 1.0 | Zinc | 6.57E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Aluminum | 1.72E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Arsenic | 3.56E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Barium | 9.27E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Beryllium | 6.07E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Calcium | 7.06E+03 | | NS | NS | No Standard | No Standard | |
| KGA3050502 | 9/5/1996 | 2.0 | Chromium | 9.24E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3050502 | 9/5/1996 | 2.0 | Cobalt | 4.34E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Copper | 6.41E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Iron | 1.18E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Lead | 9.74E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Magnesium | 2.53E+03 | | NS | NS | No Standard | No Standard | |
| KGA3050502 | 9/5/1996 | 2.0 | Manganese | 1.78E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Molybdenum | 3.33E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Nickel | 5.16E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Phosphorus | 1.91E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3050502 | 9/5/1996 | 2.0 | Potassium | 3.81E+03 | | NS | NS | No Standard | No Standard | |
| KGA3050502 | 9/5/1996 | 2.0 | Sodium | 1.03E+02 | J | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3050502 | 9/5/1996 | 2.0 | Thallium | 1.08E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Vanadium | 2.99E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3050502 | 9/5/1996 | 2.0 | Zinc | 3.85E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Aluminum | 5.48E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Arsenic | 2.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Barium | 8.66E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Beryllium | 2.72E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Calcium | 7.14E+03 | | NS | NS | No Standard | No Standard | |
| KGA3050602 | 9/5/1996 | 2.0 | Chromium | 3.46E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3050602 | 9/5/1996 | 2.0 | Cobalt | 1.84E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Copper | 2.98E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Iron | 6.46E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Lead | 6.25E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Magnesium | 1.22E+03 | | NS | NS | No Standard | No Standard | |
| KGA3050602 | 9/5/1996 | 2.0 | Manganese | 1.47E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Nickel | 2.88E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Phosphorus | 1.16E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3050602 | 9/5/1996 | 2.0 | Potassium | 1.44E+03 | | NS | NS | No Standard | No Standard | |
| KGA3050602 | 9/5/1996 | 2.0 | Sodium | 2.69E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3050602 | 9/5/1996 | 2.0 | Vanadium | 1.44E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3050602 | 9/5/1996 | 2.0 | Zinc | 1.30E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Aluminum | 1.05E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Arsenic | 1.56E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Barium | 2.00E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Beryllium | 3.13E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Cadmium | 5.91E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Calcium | 2.42E+04 | | NS | NS | No Standard | No Standard | |
| KGA3050702 | 9/5/1996 | 2.0 | Chromium | 5.40E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3050702 | 9/5/1996 | 2.0 | Cobalt | 1.75E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Copper | 3.57E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Iron | 7.44E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Lead | 5.00E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Magnesium | 2.00E+03 | | NS | NS | No Standard | No Standard | |
| KGA3050702 | 9/5/1996 | 2.0 | Manganese | 1.72E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Nickel | 3.03E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Phosphorus | 1.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3050702 | 9/5/1996 | 2.0 | Potassium | 2.88E+03 | | NS | NS | No Standard | No Standard | |
| KGA3050702 | 9/5/1996 | 2.0 | Sodium | 4.87E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3050702 | 9/5/1996 | 2.0 | Vanadium | 2.05E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3050702 | 9/5/1996 | 2.0 | Zinc | 3.08E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Aluminum | 9.70E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Arsenic | 3.54E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Barium | 1.50E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Beryllium | 3.91E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3060518 | 8/12/1996 | 18.0 | Cadmium | 4.95E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Calcium | 4.51E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060518 | 8/12/1996 | 18.0 | Chromium | 5.20E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3060518 | 8/12/1996 | 18.0 | Cobalt | 3.18E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Copper | 4.19E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Iron | 8.48E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Lead | 6.07E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Magnesium | 1.71E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060518 | 8/12/1996 | 18.0 | Manganese | 1.87E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Nickel | 4.03E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Potassium | 2.41E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060518 | 8/12/1996 | 18.0 | Sodium | 4.87E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3060518 | 8/12/1996 | 18.0 | Vanadium | 2.01E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3060518 | 8/12/1996 | 18.0 | Zinc | 1.94E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Aluminum | 1.31E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Arsenic | 5.78E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3060712 | 8/12/1996 | 12.0 | Barium | 1.62E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Beryllium | 6.85E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Cadmium | 1.54E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Calcium | 3.21E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060712 | 8/12/1996 | 12.0 | Chromium | 8.64E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3060712 | 8/12/1996 | 12.0 | Cobalt | 7.71E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Copper | 1.07E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Iron | 1.59E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Lead | 1.20E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Magnesium | 2.44E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060712 | 8/12/1996 | 12.0 | Manganese | 2.62E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Mercury | 3.69E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Nickel | 9.14E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Phosphorus | 2.54E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3060712 | 8/12/1996 | 12.0 | Potassium | 2.19E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060712 | 8/12/1996 | 12.0 | Sodium | 1.10E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3060712 | 8/12/1996 | 12.0 | Thallium | 6.48E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Vanadium | 2.83E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3060712 | 8/12/1996 | 12.0 | Zinc | 4.42E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3060903 | 8/12/1996 | 3.0 | Aluminum | 5.29E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3060903 | 8/12/1996 | 3.0 | Antimony | 3.56E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3060903 | 8/12/1996 | 3.0 | Arsenic | 2.76E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3060903 | 8/12/1996 | 3.0 | Barium | 7.28E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3060903 | 8/12/1996 | 3.0 | Beryllium | 3.48E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3060903 | 8/12/1996 | 3.0 | Calcium | 5.14E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060903 | 8/12/1996 | 3.0 | Chromium | 2.96E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3060903 | 8/12/1996 | 3.0 | Cobalt | 9.93E-01 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3060903 | 8/12/1996 | 3.0 | Copper | 2.11E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3060903 | 8/12/1996 | 3.0 | Iron | 5.68E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3060903 | 8/12/1996 | 3.0 | Lead | 4.31E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3060903 | 8/12/1996 | 3.0 | Magnesium | 1.19E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060903 | 8/12/1996 | 3.0 | Manganese | 1.41E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3060903 | 8/12/1996 | 3.0 | Phosphorus | 1.01E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3060903 | 8/12/1996 | 3.0 | Potassium | 1.76E+03 | | NS | NS | No Standard | No Standard | |
| KGA3060903 | 8/12/1996 | 3.0 | Sodium | 2.48E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3060903 | 8/12/1996 | 3.0 | Vanadium | 1.37E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3060903 | 8/12/1996 | 3.0 | Zinc | 1.01E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Aluminum | 2.90E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Arsenic | 1.12E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3061101 | 8/19/1996 | 1.0 | Barium | 3.68E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Beryllium | 1.79E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Cadmium | 2.48E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Calcium | 1.06E+04 | | NS | NS | No Standard | No Standard | |
| KGA3061101 | 8/19/1996 | 1.0 | Chromium | 2.03E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3061101 | 8/19/1996 | 1.0 | Cobalt | 1.58E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Copper | 2.80E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Iron | 3.27E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3061101 | 8/19/1996 | 1.0 | Lead | 2.99E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Magnesium | 5.59E+03 | | NS | NS | No Standard | No Standard | |
| KGA3061101 | 8/19/1996 | 1.0 | Manganese | 5.10E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Mercury | 3.95E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Molybdenum | 2.81E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Nickel | 1.70E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Phosphorus | 2.75E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3061101 | 8/19/1996 | 1.0 | Potassium | 5.52E+03 | | NS | NS | No Standard | No Standard | |
| KGA3061101 | 8/19/1996 | 1.0 | Thallium | 9.27E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Vanadium | 5.85E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3061101 | 8/19/1996 | 1.0 | Zinc | 1.30E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Aluminum | 7.48E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Arsenic | 3.89E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Barium | 9.45E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Beryllium | 4.18E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Cadmium | 7.77E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Calcium | 5.27E+03 | | NS | NS | No Standard | No Standard | |
| KGA3070219 | 8/12/1996 | 19.0 | Chromium | 5.03E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3070219 | 8/12/1996 | 19.0 | Cobalt | 3.94E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Copper | 4.74E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Iron | 9.72E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Lead | 7.56E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Magnesium | 1.70E+03 | | NS | NS | No Standard | No Standard | |
| KGA3070219 | 8/12/1996 | 19.0 | Manganese | 1.82E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Phosphorus | 1.28E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3070219 | 8/12/1996 | 19.0 | Potassium | 1.67E+03 | | NS | NS | No Standard | No Standard | |
| KGA3070219 | 8/12/1996 | 19.0 | Sodium | 5.65E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3070219 | 8/12/1996 | 19.0 | Vanadium | 1.78E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3070219 | 8/12/1996 | 19.0 | Zinc | 2.29E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Aluminum | 4.92E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Arsenic | 3.67E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Barium | 7.73E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Beryllium | 3.44E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Cadmium | 4.78E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Calcium | 7.44E+03 | | NS | NS | No Standard | No Standard | |
| KGA3070703 | 8/12/1996 | 3.0 | Chromium | 3.06E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3070703 | 8/12/1996 | 3.0 | Cobalt | 1.45E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Copper | 2.65E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Iron | 6.20E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Lead | 6.90E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Magnesium | 1.17E+03 | | NS | NS | No Standard | No Standard | |
| KGA3070703 | 8/12/1996 | 3.0 | Manganese | 1.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Phosphorus | 1.19E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3070703 | 8/12/1996 | 3.0 | Potassium | 1.49E+03 | | NS | NS | No Standard | No Standard | |
| KGA3070703 | 8/12/1996 | 3.0 | Sodium | 2.25E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3070703 | 8/12/1996 | 3.0 | Vanadium | 1.44E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3070703 | 8/12/1996 | 3.0 | Zinc | 1.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Aluminum | 1.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Arsenic | 2.50E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3071000 | 8/19/1996 | 0.5 | Barium | 3.94E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Beryllium | 1.11E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Calcium | 7.34E+03 | | NS | NS | No Standard | No Standard | |
| KGA3071000 | 8/19/1996 | 0.5 | Chromium | 8.30E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3071000 | 8/19/1996 | 0.5 | Cobalt | 8.07E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Copper | 1.34E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Iron | 9.20E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3071000 | 8/19/1996 | 0.5 | Lead | 2.02E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Magnesium | 2.93E+03 | | NS | NS | No Standard | No Standard | |
| KGA3071000 | 8/19/1996 | 0.5 | Manganese | 1.65E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Mercury | 6.60E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Molybdenum | 1.96E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Nickel | 1.05E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Phosphorus | 3.60E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3071000 | 8/19/1996 | 0.5 | Potassium | 2.02E+03 | | NS | NS | No Standard | No Standard | |
| KGA3071000 | 8/19/1996 | 0.5 | Sodium | 1.05E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3071000 | 8/19/1996 | 0.5 | Thallium | 8.32E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Vanadium | 4.64E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3071000 | 8/19/1996 | 0.5 | Zinc | 8.27E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Aluminum | 8.53E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3080105 | 8/13/1996 | 5.0 | Aluminum | 8.10E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Arsenic | 5.87E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3080105 | 8/13/1996 | 5.0 | Arsenic | 5.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3080105 | 8/13/1996 | 5.0 | Barium | 1.29E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Barium | 1.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Beryllium | 7.00E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Beryllium | 6.68E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Cadmium | 9.19E-02 | DJ | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Cadmium | 1.35E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Calcium | 4.38E+03 | D | NS | NS | No Standard | No Standard | |
| KGA3080105 | 8/13/1996 | 5.0 | Calcium | 4.19E+03 | | NS | NS | No Standard | No Standard | |
| KGA3080105 | 8/13/1996 | 5.0 | Chromium | 6.84E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3080105 | 8/13/1996 | 5.0 | Chromium | 6.53E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3080105 | 8/13/1996 | 5.0 | Cobalt | 5.91E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Cobalt | 6.23E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Copper | 9.09E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Copper | 8.67E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Iron | 1.40E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Iron | 1.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Lead | 1.10E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Lead | 1.04E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Magnesium | 2.10E+03 | D | NS | NS | No Standard | No Standard | |
| KGA3080105 | 8/13/1996 | 5.0 | Magnesium | 2.04E+03 | | NS | NS | No Standard | No Standard | |
| KGA3080105 | 8/13/1996 | 5.0 | Manganese | 2.13E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Manganese | 2.15E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Mercury | 4.44E-02 | DJ | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Mercury | 4.48E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Nickel | 3.61E+00 | DJ | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Nickel | 3.04E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Phosphorus | 2.43E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3080105 | 8/13/1996 | 5.0 | Phosphorus | 2.17E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3080105 | 8/13/1996 | 5.0 | Potassium | 1.58E+03 | D | NS | NS | No Standard | No Standard | |
| KGA3080105 | 8/13/1996 | 5.0 | Potassium | 1.45E+03 | | NS | NS | No Standard | No Standard | |
| KGA3080105 | 8/13/1996 | 5.0 | Sodium | 7.88E+01 | DJ | NS | NS | No Standard | No Standard | |
| KGA3080105 | 8/13/1996 | 5.0 | Sodium | 7.06E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3080105 | 8/13/1996 | 5.0 | Vanadium | 2.18E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Vanadium | 2.07E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Zinc | 3.95E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3080105 | 8/13/1996 | 5.0 | Zinc | 3.99E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3081304 | 8/13/1996 | 4.0 | Aluminum | 5.90E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3081304 | 8/13/1996 | 4.0 | Arsenic | 4.09E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3081304 | 8/13/1996 | 4.0 | Barium | 8.79E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3081304 | 8/13/1996 | 4.0 | Beryllium | 4.18E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3081304 | 8/13/1996 | 4.0 | Cadmium | 4.75E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3081304 | 8/13/1996 | 4.0 | Calcium | 6.64E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081304 | 8/13/1996 | 4.0 | Chromium | 3.41E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3081304 | 8/13/1996 | 4.0 | Cobalt | 1.88E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3081304 | 8/13/1996 | 4.0 | Copper | 3.36E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3081304 | 8/13/1996 | 4.0 | Iron | 7.44E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3081304 | 8/13/1996 | 4.0 | Lead | 6.72E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3081304 | 8/13/1996 | 4.0 | Magnesium | 1.47E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081304 | 8/13/1996 | 4.0 | Manganese | 2.42E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3081304 | 8/13/1996 | 4.0 | Phosphorus | 9.79E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3081304 | 8/13/1996 | 4.0 | Potassium | 1.72E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081304 | 8/13/1996 | 4.0 | Sodium | 2.96E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3081304 | 8/13/1996 | 4.0 | Vanadium | 1.55E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3081304 | 8/13/1996 | 4.0 | Zinc | 1.49E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Aluminum | 6.66E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Arsenic | 2.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Barium | 1.48E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Beryllium | 4.32E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Calcium | 6.17E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081403 | 8/13/1996 | 3.0 | Chromium | 3.83E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3081403 | 8/13/1996 | 3.0 | Cobalt | 2.25E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Copper | 2.83E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Iron | 6.26E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Lead | 5.66E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Magnesium | 1.32E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081403 | 8/13/1996 | 3.0 | Manganese | 1.41E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Phosphorus | 9.20E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3081403 | 8/13/1996 | 3.0 | Potassium | 1.79E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081403 | 8/13/1996 | 3.0 | Silver | 5.15E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Sodium | 2.65E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3081403 | 8/13/1996 | 3.0 | Vanadium | 1.27E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3081403 | 8/13/1996 | 3.0 | Zinc | 1.24E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3081603 | 8/13/1996 | 3.0 | Aluminum | 5.76E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3081603 | 8/13/1996 | 3.0 | Arsenic | 5.17E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3081603 | 8/13/1996 | 3.0 | Barium | 8.50E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3081603 | 8/13/1996 | 3.0 | Beryllium | 4.22E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3081603 | 8/13/1996 | 3.0 | Calcium | 6.98E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081603 | 8/13/1996 | 3.0 | Chromium | 3.50E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3081603 | 8/13/1996 | 3.0 | Cobalt | 2.07E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3081603 | 8/13/1996 | 3.0 | Copper | 2.92E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3081603 | 8/13/1996 | 3.0 | Iron | 6.81E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3081603 | 8/13/1996 | 3.0 | Lead | 6.48E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3081603 | 8/13/1996 | 3.0 | Magnesium | 1.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081603 | 8/13/1996 | 3.0 | Manganese | 1.31E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3081603 | 8/13/1996 | 3.0 | Phosphorus | 7.89E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3081603 | 8/13/1996 | 3.0 | Potassium | 1.64E+03 | | NS | NS | No Standard | No Standard | |
| KGA3081603 | 8/13/1996 | 3.0 | Sodium | 2.38E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3081603 | 8/13/1996 | 3.0 | Vanadium | 1.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3081603 | 8/13/1996 | 3.0 | Zinc | 1.29E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3082221 | 8/13/1996 | 21.0 | Aluminum | 5.34E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3082221 | 8/13/1996 | 21.0 | Arsenic | 4.78E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3082221 | 8/13/1996 | 21.0 | Barium | 2.06E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3082221 | 8/13/1996 | 21.0 | Beryllium | 4.15E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3082221 | 8/13/1996 | 21.0 | Calcium | 1.19E+04 | | NS | NS | No Standard | No Standard | |
| KGA3082221 | 8/13/1996 | 21.0 | Chromium | 3.65E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3082221 | 8/13/1996 | 21.0 | Cobalt | 8.64E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3082221 | 8/13/1996 | 21.0 | Copper | 2.56E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3082221 | 8/13/1996 | 21.0 | Iron | 7.16E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3082221 | 8/13/1996 | 21.0 | Lead | 8.51E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3082221 | 8/13/1996 | 21.0 | Magnesium | 1.35E+03 | | NS | NS | No Standard | No Standard | |
| KGA3082221 | 8/13/1996 | 21.0 | Manganese | 5.87E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3082221 | 8/13/1996 | 21.0 | Phosphorus | 1.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3082221 | 8/13/1996 | 21.0 | Potassium | 1.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA3082221 | 8/13/1996 | 21.0 | Sodium | 4.19E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3082221 | 8/13/1996 | 21.0 | Vanadium | 1.78E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3082221 | 8/13/1996 | 21.0 | Zinc | 1.32E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3082304 | 8/13/1996 | 4.0 | Aluminum | 5.45E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3082304 | 8/13/1996 | 4.0 | Arsenic | 2.93E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3082304 | 8/13/1996 | 4.0 | Barium | 6.91E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3082304 | 8/13/1996 | 4.0 | Beryllium | 3.59E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3082304 | 8/13/1996 | 4.0 | Calcium | 6.36E+03 | | NS | NS | No Standard | No Standard | |
| KGA3082304 | 8/13/1996 | 4.0 | Chromium | 3.02E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3082304 | 8/13/1996 | 4.0 | Cobalt | 9.87E-01 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3082304 | 8/13/1996 | 4.0 | Copper | 2.15E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3082304 | 8/13/1996 | 4.0 | Iron | 5.88E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3082304 | 8/13/1996 | 4.0 | Lead | 6.02E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3082304 | 8/13/1996 | 4.0 | Magnesium | 1.15E+03 | | NS | NS | No Standard | No Standard | |
| KGA3082304 | 8/13/1996 | 4.0 | Manganese | 1.38E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3082304 | 8/13/1996 | 4.0 | Phosphorus | 7.86E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3082304 | 8/13/1996 | 4.0 | Potassium | 1.55E+03 | | NS | NS | No Standard | No Standard | |
| KGA3082304 | 8/13/1996 | 4.0 | Sodium | 2.72E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3082304 | 8/13/1996 | 4.0 | Vanadium | 1.28E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3082304 | 8/13/1996 | 4.0 | Zinc | 9.96E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Aluminum | 2.41E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Arsenic | 1.03E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3082801 | 8/19/1996 | 1.0 | Barium | 2.88E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Beryllium | 1.56E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Cadmium | 1.85E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Calcium | 8.19E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3082801 | 8/19/1996 | 1.0 | Chromium | 1.77E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3082801 | 8/19/1996 | 1.0 | Cobalt | 1.36E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Copper | 2.29E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Iron | 3.00E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3082801 | 8/19/1996 | 1.0 | Lead | 2.54E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Magnesium | 4.75E+03 | | NS | NS | No Standard | No Standard | |
| KGA3082801 | 8/19/1996 | 1.0 | Manganese | 4.18E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Mercury | 4.55E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Molybdenum | 2.25E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Nickel | 1.40E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Phosphorus | 2.63E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3082801 | 8/19/1996 | 1.0 | Potassium | 4.57E+03 | | NS | NS | No Standard | No Standard | |
| KGA3082801 | 8/19/1996 | 1.0 | Sodium | 9.42E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3082801 | 8/19/1996 | 1.0 | Thallium | 4.89E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Vanadium | 5.23E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3082801 | 8/19/1996 | 1.0 | Zinc | 1.04E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Aluminum | 1.04E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Arsenic | 2.88E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Barium | 8.72E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Beryllium | 3.67E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Calcium | 7.32E+03 | | NS | NS | No Standard | No Standard | |
| KGA3084002 | 9/5/1996 | 2.0 | Chromium | 5.32E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3084002 | 9/5/1996 | 2.0 | Cobalt | 1.88E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Copper | 2.65E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Iron | 6.88E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Lead | 5.44E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Magnesium | 1.64E+03 | | NS | NS | No Standard | No Standard | |
| KGA3084002 | 9/5/1996 | 2.0 | Manganese | 1.32E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Molybdenum | 1.37E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Nickel | 2.57E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Phosphorus | 1.08E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3084002 | 9/5/1996 | 2.0 | Potassium | 2.84E+03 | | NS | NS | No Standard | No Standard | |
| KGA3084002 | 9/5/1996 | 2.0 | Sodium | 4.12E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3084002 | 9/5/1996 | 2.0 | Vanadium | 2.09E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3084002 | 9/5/1996 | 2.0 | Zinc | 1.38E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Aluminum | 8.59E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Arsenic | 3.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Barium | 6.82E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Beryllium | 4.00E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Calcium | 4.58E+03 | | NS | NS | No Standard | No Standard | |
| KGA3090502 | 9/5/1996 | 2.0 | Chromium | 5.47E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3090502 | 9/5/1996 | 2.0 | Cobalt | 2.16E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Copper | 5.39E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Iron | 7.52E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3090502 | 9/5/1996 | 2.0 | Lead | 7.56E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Magnesium | 1.59E+03 | | NS | NS | No Standard | No Standard | |
| KGA3090502 | 9/5/1996 | 2.0 | Manganese | 1.67E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Molybdenum | 2.00E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Nickel | 2.34E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Phosphorus | 1.34E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3090502 | 9/5/1996 | 2.0 | Potassium | 2.50E+03 | | NS | NS | No Standard | No Standard | |
| KGA3090502 | 9/5/1996 | 2.0 | Sodium | 2.95E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3090502 | 9/5/1996 | 2.0 | Vanadium | 1.88E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3090502 | 9/5/1996 | 2.0 | Zinc | 2.28E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Aluminum | 1.64E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Arsenic | 4.55E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3090602 | 9/5/1996 | 2.0 | Barium | 1.17E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Beryllium | 6.38E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Calcium | 2.44E+03 | | NS | NS | No Standard | No Standard | |
| KGA3090602 | 9/5/1996 | 2.0 | Chromium | 1.02E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3090602 | 9/5/1996 | 2.0 | Cobalt | 4.00E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Copper | 5.90E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Iron | 1.05E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Lead | 9.14E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Magnesium | 2.07E+03 | | NS | NS | No Standard | No Standard | |
| KGA3090602 | 9/5/1996 | 2.0 | Manganese | 1.89E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Molybdenum | 3.29E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Nickel | 5.63E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Phosphorus | 2.26E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3090602 | 9/5/1996 | 2.0 | Potassium | 3.61E+03 | | NS | NS | No Standard | No Standard | |
| KGA3090602 | 9/5/1996 | 2.0 | Sodium | 8.39E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3090602 | 9/5/1996 | 2.0 | Thallium | 5.09E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Vanadium | 2.48E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3090602 | 9/5/1996 | 2.0 | Zinc | 2.98E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Aluminum | 1.57E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Arsenic | 5.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3100109 | 8/14/1996 | 9.0 | Barium | 1.69E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Beryllium | 7.11E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Cadmium | 1.48E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Calcium | 8.92E+03 | | NS | NS | No Standard | No Standard | |
| KGA3100109 | 8/14/1996 | 9.0 | Chromium | 1.11E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3100109 | 8/14/1996 | 9.0 | Cobalt | 7.35E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Copper | 1.41E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Iron | 1.69E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Lead | 1.45E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Magnesium | 3.74E+03 | | NS | NS | No Standard | No Standard | |
| KGA3100109 | 8/14/1996 | 9.0 | Manganese | 2.04E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Mercury | 5.73E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3100109 | 8/14/1996 | 9.0 | Nickel | 6.83E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Phosphorus | 2.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3100109 | 8/14/1996 | 9.0 | Potassium | 2.72E+03 | | NS | NS | No Standard | No Standard | |
| KGA3100109 | 8/14/1996 | 9.0 | Sodium | 1.54E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3100109 | 8/14/1996 | 9.0 | Thallium | 5.06E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Vanadium | 2.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3100109 | 8/14/1996 | 9.0 | Zinc | 5.57E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3100402 | 8/14/1996 | 2.0 | Total organic carbon | 1.52E+04 | | NS | NS | No Standard | No Standard | |
| KGA3100603 | 8/14/1996 | 3.0 | Total organic carbon | 4.15E+03 | | NS | NS | No Standard | No Standard | |
| KGA3100701 | 8/19/1996 | 1.0 | Aluminum | 2.12E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3100701 | 8/19/1996 | 1.0 | Arsenic | 5.58E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3100701 | 8/19/1996 | 1.0 | Barium | 1.47E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3100701 | 8/19/1996 | 1.0 | Beryllium | 8.95E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3100701 | 8/19/1996 | 1.0 | Calcium | 5.36E+03 | | NS | NS | No Standard | No Standard | |
| KGA3100701 | 8/19/1996 | 1.0 | Chromium | 1.29E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3100701 | 8/19/1996 | 1.0 | Cobalt | 7.71E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3100701 | 8/19/1996 | 1.0 | Copper | 1.46E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3100701 | 8/19/1996 | 1.0 | Iron | 1.83E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3100701 | 8/19/1996 | 1.0 | Lead | 1.43E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3100701 | 8/19/1996 | 1.0 | Magnesium | 3.72E+03 | | NS | NS | No Standard | No Standard | |
| KGA3100701 | 8/19/1996 | 1.0 | Manganese | 2.26E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3100701 | 8/19/1996 | 1.0 | Mercury | 3.66E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3100701 | 8/19/1996 | 1.0 | Nickel | 1.09E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3100701 | 8/19/1996 | 1.0 | Phosphorus | 3.42E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3100701 | 8/19/1996 | 1.0 | Potassium | 3.66E+03 | | NS | NS | No Standard | No Standard | |
| KGA3100701 | 8/19/1996 | 1.0 | Sodium | 7.98E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3100701 | 8/19/1996 | 1.0 | Vanadium | 3.67E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3100701 | 8/19/1996 | 1.0 | Zinc | 7.20E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3100801 | 8/19/1996 | 1.0 | Aluminum | 1.97E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3100801 | 8/19/1996 | 1.0 | Arsenic | 5.84E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3100801 | 8/19/1996 | 1.0 | Barium | 1.76E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3100801 | 8/19/1996 | 1.0 | Beryllium | 8.71E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3100801 | 8/19/1996 | 1.0 | Calcium | 5.16E+03 | | NS | NS | No Standard | No Standard | |
| KGA3100801 | 8/19/1996 | 1.0 | Chromium | 1.25E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3100801 | 8/19/1996 | 1.0 | Cobalt | 7.47E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3100801 | 8/19/1996 | 1.0 | Copper | 1.38E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3100801 | 8/19/1996 | 1.0 | Iron | 1.78E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3100801 | 8/19/1996 | 1.0 | Lead | 1.50E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3100801 | 8/19/1996 | 1.0 | Magnesium | 3.52E+03 | | NS | NS | No Standard | No Standard | |
| KGA3100801 | 8/19/1996 | 1.0 | Manganese | 2.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3100801 | 8/19/1996 | 1.0 | Nickel | 8.72E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3100801 | 8/19/1996 | 1.0 | Phosphorus | 3.04E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3100801 | 8/19/1996 | 1.0 | Potassium | 3.45E+03 | | NS | NS | No Standard | No Standard | |
| KGA3100801 | 8/19/1996 | 1.0 | Sodium | 7.60E+01 | J | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3100801 | 8/19/1996 | 1.0 | Vanadium | 3.50E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3100801 | 8/19/1996 | 1.0 | Zinc | 6.81E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Aluminum | 1.19E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Antimony | 3.70E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Arsenic | 3.99E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3104007 | 9/4/1996 | 7.0 | Barium | 1.02E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Beryllium | 5.64E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Calcium | 6.82E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104007 | 9/4/1996 | 7.0 | Chromium | 6.54E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3104007 | 9/4/1996 | 7.0 | Cobalt | 2.75E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Copper | 4.39E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Iron | 9.32E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Lead | 8.78E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Magnesium | 2.08E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104007 | 9/4/1996 | 7.0 | Manganese | 2.47E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Nickel | 2.45E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Phosphorus | 1.58E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3104007 | 9/4/1996 | 7.0 | Potassium | 3.15E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104007 | 9/4/1996 | 7.0 | Sodium | 3.73E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3104007 | 9/4/1996 | 7.0 | Vanadium | 2.41E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3104007 | 9/4/1996 | 7.0 | Zinc | 1.94E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3104107 | 9/4/1996 | 7.0 | Aluminum | 7.24E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3104107 | 9/4/1996 | 7.0 | Arsenic | 3.97E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3104107 | 9/4/1996 | 7.0 | Barium | 9.65E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3104107 | 9/4/1996 | 7.0 | Beryllium | 4.33E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3104107 | 9/4/1996 | 7.0 | Calcium | 6.79E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104107 | 9/4/1996 | 7.0 | Chromium | 4.14E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3104107 | 9/4/1996 | 7.0 | Cobalt | 1.62E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3104107 | 9/4/1996 | 7.0 | Copper | 3.44E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3104107 | 9/4/1996 | 7.0 | Iron | 7.95E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3104107 | 9/4/1996 | 7.0 | Lead | 7.05E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3104107 | 9/4/1996 | 7.0 | Magnesium | 1.58E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104107 | 9/4/1996 | 7.0 | Manganese | 2.05E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3104107 | 9/4/1996 | 7.0 | Phosphorus | 1.20E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3104107 | 9/4/1996 | 7.0 | Potassium | 1.98E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104107 | 9/4/1996 | 7.0 | Sodium | 2.71E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3104107 | 9/4/1996 | 7.0 | Vanadium | 1.87E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3104107 | 9/4/1996 | 7.0 | Zinc | 1.66E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Aluminum | 1.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Antimony | 7.16E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Arsenic | 3.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Barium | 9.07E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Beryllium | 4.63E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Calcium | 6.74E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3104205 | 9/4/1996 | 5.0 | Chromium | 6.06E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3104205 | 9/4/1996 | 5.0 | Cobalt | 1.70E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Copper | 3.08E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Iron | 7.84E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Lead | 6.68E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Magnesium | 1.83E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104205 | 9/4/1996 | 5.0 | Manganese | 1.41E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Phosphorus | 1.24E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3104205 | 9/4/1996 | 5.0 | Potassium | 2.97E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104205 | 9/4/1996 | 5.0 | Sodium | 5.46E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3104205 | 9/4/1996 | 5.0 | Vanadium | 2.09E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3104205 | 9/4/1996 | 5.0 | Zinc | 1.52E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Aluminum | 8.29E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Antimony | 4.60E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Arsenic | 3.05E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Barium | 1.05E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Beryllium | 3.76E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Calcium | 5.25E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104305 | 9/4/1996 | 5.0 | Chromium | 4.37E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3104305 | 9/4/1996 | 5.0 | Cobalt | 1.91E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Copper | 2.45E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Iron | 7.03E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Lead | 5.46E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Magnesium | 1.57E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104305 | 9/4/1996 | 5.0 | Manganese | 1.68E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Phosphorus | 1.43E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3104305 | 9/4/1996 | 5.0 | Potassium | 2.25E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104305 | 9/4/1996 | 5.0 | Sodium | 5.49E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3104305 | 9/4/1996 | 5.0 | Vanadium | 1.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3104305 | 9/4/1996 | 5.0 | Zinc | 1.33E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Aluminum | 5.27E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Antimony | 4.20E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Arsenic | 2.40E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Barium | 8.40E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Beryllium | 2.80E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Calcium | 5.83E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104402 | 9/4/1996 | 2.0 | Chromium | 2.77E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3104402 | 9/4/1996 | 2.0 | Cobalt | 1.02E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Copper | 1.82E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Iron | 5.54E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Lead | 4.60E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Magnesium | 1.07E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104402 | 9/4/1996 | 2.0 | Manganese | 1.58E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Phosphorus | 7.94E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3104402 | 9/4/1996 | 2.0 | Potassium | 1.38E+03 | | NS | NS | No Standard | No Standard | |
| KGA3104402 | 9/4/1996 | 2.0 | Sodium | 1.99E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3104402 | 9/4/1996 | 2.0 | Vanadium | 1.40E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3104402 | 9/4/1996 | 2.0 | Zinc | 9.23E+00 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Aluminum | 1.98E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Arsenic | 5.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3110102 | 8/15/1996 | 2.0 | Barium | 1.63E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Beryllium | 9.92E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Cadmium | 1.77E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Calcium | 9.11E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110102 | 8/15/1996 | 2.0 | Chromium | 1.28E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3110102 | 8/15/1996 | 2.0 | Cobalt | 7.38E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Copper | 1.59E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Iron | 1.84E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Lead | 1.59E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Magnesium | 4.42E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110102 | 8/15/1996 | 2.0 | Manganese | 2.09E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Nickel | 4.68E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Phosphorus | 3.49E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3110102 | 8/15/1996 | 2.0 | Potassium | 4.23E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110102 | 8/15/1996 | 2.0 | Sodium | 1.56E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3110102 | 8/15/1996 | 2.0 | Thallium | 7.17E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Vanadium | 3.55E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3110102 | 8/15/1996 | 2.0 | Zinc | 6.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Aluminum | 5.80E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Arsenic | 3.98E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3110203 | 8/15/1996 | 3.0 | Barium | 9.15E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Beryllium | 4.25E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Cadmium | 1.11E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Calcium | 5.48E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110203 | 8/15/1996 | 3.0 | Chromium | 4.23E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3110203 | 8/15/1996 | 3.0 | Cobalt | 1.95E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Copper | 7.93E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Iron | 8.76E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Lead | 1.42E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Magnesium | 1.36E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110203 | 8/15/1996 | 3.0 | Manganese | 1.79E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Phosphorus | 1.72E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3110203 | 8/15/1996 | 3.0 | Potassium | 1.68E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110203 | 8/15/1996 | 3.0 | Silver | 7.96E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Sodium | 8.90E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3110203 | 8/15/1996 | 3.0 | Vanadium | 1.51E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3110203 | 8/15/1996 | 3.0 | Zinc | 2.97E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3110403 | 8/15/1996 | 3.0 | Aluminum | 9.72E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3110403 | 8/15/1996 | 3.0 | Arsenic | 3.27E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3110403 | 8/15/1996 | 3.0 | Barium | 1.16E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3110403 | 8/15/1996 | 3.0 | Beryllium | 3.67E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3110403 | 8/15/1996 | 3.0 | Calcium | 7.81E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110403 | 8/15/1996 | 3.0 | Chromium | 5.22E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3110403 | 8/15/1996 | 3.0 | Cobalt | 1.46E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3110403 | 8/15/1996 | 3.0 | Copper | 3.26E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3110403 | 8/15/1996 | 3.0 | Iron | 7.63E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3110403 | 8/15/1996 | 3.0 | Lead | 7.12E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3110403 | 8/15/1996 | 3.0 | Magnesium | 1.70E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110403 | 8/15/1996 | 3.0 | Manganese | 1.57E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3110403 | 8/15/1996 | 3.0 | Nickel | 4.45E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3110403 | 8/15/1996 | 3.0 | Phosphorus | 1.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3110403 | 8/15/1996 | 3.0 | Potassium | 2.99E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110403 | 8/15/1996 | 3.0 | Sodium | 4.22E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3110403 | 8/15/1996 | 3.0 | Vanadium | 2.25E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3110403 | 8/15/1996 | 3.0 | Zinc | 1.55E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Aluminum | 2.02E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Arsenic | 4.94E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3110501 | 8/19/1996 | 1.0 | Barium | 1.84E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Beryllium | 8.11E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Calcium | 4.68E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110501 | 8/19/1996 | 1.0 | Chromium | 1.22E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3110501 | 8/19/1996 | 1.0 | Cobalt | 7.60E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Copper | 1.33E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Iron | 1.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Lead | 1.43E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Magnesium | 3.32E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110501 | 8/19/1996 | 1.0 | Manganese | 2.55E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Nickel | 9.14E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Phosphorus | 3.96E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3110501 | 8/19/1996 | 1.0 | Potassium | 3.61E+03 | | NS | NS | No Standard | No Standard | |
| KGA3110501 | 8/19/1996 | 1.0 | Sodium | 8.40E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3110501 | 8/19/1996 | 1.0 | Thallium | 5.78E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Vanadium | 3.60E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3110501 | 8/19/1996 | 1.0 | Zinc | 5.64E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Aluminum | 9.76E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Arsenic | 2.98E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Barium | 8.78E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Beryllium | 3.88E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Calcium | 7.71E+03 | | NS | NS | No Standard | No Standard | |
| KGA3120102 | 9/5/1996 | 2.0 | Chromium | 4.98E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3120102 | 9/5/1996 | 2.0 | Cobalt | 1.89E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Copper | 2.75E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3120102 | 9/5/1996 | 2.0 | Iron | 7.34E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Lead | 5.51E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Magnesium | 1.71E+03 | | NS | NS | No Standard | No Standard | |
| KGA3120102 | 9/5/1996 | 2.0 | Manganese | 1.56E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Molybdenum | 2.00E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Nickel | 2.75E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Phosphorus | 1.06E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3120102 | 9/5/1996 | 2.0 | Potassium | 2.79E+03 | | NS | NS | No Standard | No Standard | |
| KGA3120102 | 9/5/1996 | 2.0 | Sodium | 3.79E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3120102 | 9/5/1996 | 2.0 | Thallium | 6.46E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Vanadium | 2.16E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3120102 | 9/5/1996 | 2.0 | Zinc | 1.37E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Aluminum | 1.18E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Arsenic | 1.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Barium | 1.06E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Beryllium | 3.68E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Calcium | 2.42E+04 | | NS | NS | No Standard | No Standard | |
| KGA3120202 | 9/5/1996 | 2.0 | Chromium | 6.06E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3120202 | 9/5/1996 | 2.0 | Cobalt | 2.71E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Copper | 2.92E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Iron | 7.90E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Lead | 4.07E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Magnesium | 2.32E+03 | | NS | NS | No Standard | No Standard | |
| KGA3120202 | 9/5/1996 | 2.0 | Manganese | 1.85E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Molybdenum | 3.52E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Nickel | 3.01E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Phosphorus | 2.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3120202 | 9/5/1996 | 2.0 | Potassium | 3.37E+03 | | NS | NS | No Standard | No Standard | |
| KGA3120202 | 9/5/1996 | 2.0 | Sodium | 5.35E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3120202 | 9/5/1996 | 2.0 | Vanadium | 2.14E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3120202 | 9/5/1996 | 2.0 | Zinc | 2.19E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3130102 | 9/5/1996 | 2.0 | Aluminum | 8.30E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3130102 | 9/5/1996 | 2.0 | Arsenic | 1.82E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3130102 | 9/5/1996 | 2.0 | Barium | 1.23E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3130102 | 9/5/1996 | 2.0 | Beryllium | 2.99E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3130102 | 9/5/1996 | 2.0 | Calcium | 1.02E+04 | | NS | NS | No Standard | No Standard | |
| KGA3130102 | 9/5/1996 | 2.0 | Chromium | 4.93E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3130102 | 9/5/1996 | 2.0 | Cobalt | 2.08E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3130102 | 9/5/1996 | 2.0 | Copper | 2.82E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3130102 | 9/5/1996 | 2.0 | Iron | 6.64E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3130102 | 9/5/1996 | 2.0 | Lead | 4.47E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3130102 | 9/5/1996 | 2.0 | Magnesium | 1.69E+03 | | NS | NS | No Standard | No Standard | |
| KGA3130102 | 9/5/1996 | 2.0 | Manganese | 2.06E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3130102 | 9/5/1996 | 2.0 | Nickel | 2.63E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3130102 | 9/5/1996 | 2.0 | Phosphorus | 1.23E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3130102 | 9/5/1996 | 2.0 | Potassium | 2.32E+03 | | NS | NS | No Standard | No Standard | |
| KGA3130102 | 9/5/1996 | 2.0 | Sodium | 4.11E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3130102 | 9/5/1996 | 2.0 | Vanadium | 1.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3130102 | 9/5/1996 | 2.0 | Zinc | 1.22E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Aluminum | 6.41E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Arsenic | 6.91E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Barium | 1.00E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Beryllium | 2.44E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Calcium | 1.08E+04 | | NS | NS | No Standard | No Standard | |
| KGA3130202 | 9/5/1996 | 2.0 | Chromium | 5.15E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3130202 | 9/5/1996 | 2.0 | Cobalt | 2.10E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Copper | 2.45E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Iron | 7.17E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Lead | 3.68E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Magnesium | 1.61E+03 | | NS | NS | No Standard | No Standard | |
| KGA3130202 | 9/5/1996 | 2.0 | Manganese | 1.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Molybdenum | 2.28E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Nickel | 2.69E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Phosphorus | 1.00E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3130202 | 9/5/1996 | 2.0 | Potassium | 1.37E+03 | | NS | NS | No Standard | No Standard | |
| KGA3130202 | 9/5/1996 | 2.0 | Sodium | 2.32E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3130202 | 9/5/1996 | 2.0 | Thallium | 7.35E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Vanadium | 1.57E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3130202 | 9/5/1996 | 2.0 | Zinc | 1.28E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Aluminum | 9.69E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Arsenic | 2.02E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Barium | 1.26E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Beryllium | 3.27E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Cadmium | 4.87E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Calcium | 7.97E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140103 | 8/16/1996 | 3.0 | Chromium | 5.27E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3140103 | 8/16/1996 | 3.0 | Cobalt | 2.09E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Copper | 3.63E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Iron | 7.20E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Lead | 4.80E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Magnesium | 1.81E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140103 | 8/16/1996 | 3.0 | Manganese | 1.82E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Nickel | 3.35E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Phosphorus | 8.80E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3140103 | 8/16/1996 | 3.0 | Potassium | 3.02E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140103 | 8/16/1996 | 3.0 | Sodium | 2.86E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3140103 | 8/16/1996 | 3.0 | Vanadium | 2.04E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3140103 | 8/16/1996 | 3.0 | Zinc | 1.40E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3140405 | 8/16/1996 | 5.0 | Aluminum | 1.67E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Arsenic | 4.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3140405 | 8/16/1996 | 5.0 | Barium | 1.20E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Beryllium | 5.88E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Cadmium | 6.18E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Calcium | 1.19E+04 | | NS | NS | No Standard | No Standard | |
| KGA3140405 | 8/16/1996 | 5.0 | Chromium | 1.01E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3140405 | 8/16/1996 | 5.0 | Cobalt | 1.30E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Copper | 1.52E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Iron | 1.25E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Lead | 5.39E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Magnesium | 2.97E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140405 | 8/16/1996 | 5.0 | Manganese | 4.90E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | YES |
| KGA3140405 | 8/16/1996 | 5.0 | Molybdenum | 3.50E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Nickel | 1.03E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Phosphorus | 1.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3140405 | 8/16/1996 | 5.0 | Potassium | 4.18E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140405 | 8/16/1996 | 5.0 | Sodium | 1.05E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3140405 | 8/16/1996 | 5.0 | Thallium | 1.50E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Vanadium | 6.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3140405 | 8/16/1996 | 5.0 | Zinc | 2.88E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Aluminum | 9.97E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Arsenic | 3.31E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Barium | 9.11E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Beryllium | 4.02E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Cadmium | 5.57E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Calcium | 9.62E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140510 | 8/16/1996 | 10.0 | Chromium | 5.89E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3140510 | 8/16/1996 | 10.0 | Cobalt | 3.33E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Copper | 5.59E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Iron | 9.00E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Lead | 6.74E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Magnesium | 2.09E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140510 | 8/16/1996 | 10.0 | Manganese | 1.80E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Nickel | 4.82E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Phosphorus | 1.45E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3140510 | 8/16/1996 | 10.0 | Potassium | 2.54E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140510 | 8/16/1996 | 10.0 | Sodium | 7.68E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3140510 | 8/16/1996 | 10.0 | Vanadium | 2.23E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3140510 | 8/16/1996 | 10.0 | Zinc | 2.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Aluminum | 7.30E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Arsenic | 1.97E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Barium | 7.54E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Beryllium | 2.31E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3140804 | 8/16/1996 | 4.0 | Cadmium | 6.81E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Calcium | 7.85E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140804 | 8/16/1996 | 4.0 | Chromium | 4.06E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3140804 | 8/16/1996 | 4.0 | Cobalt | 1.79E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Copper | 2.75E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Iron | 5.73E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Lead | 4.53E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Magnesium | 1.42E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140804 | 8/16/1996 | 4.0 | Manganese | 1.43E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Nickel | 3.55E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Phosphorus | 9.69E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3140804 | 8/16/1996 | 4.0 | Potassium | 2.21E+03 | | NS | NS | No Standard | No Standard | |
| KGA3140804 | 8/16/1996 | 4.0 | Sodium | 2.08E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3140804 | 8/16/1996 | 4.0 | Vanadium | 1.60E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3140804 | 8/16/1996 | 4.0 | Zinc | 1.05E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Aluminum | 2.11E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Antimony | 4.79E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Arsenic | 5.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3144005 | 9/4/1996 | 5.0 | Barium | 1.43E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Beryllium | 8.68E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Cadmium | 1.77E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Calcium | 8.24E+03 | | NS | NS | No Standard | No Standard | |
| KGA3144005 | 9/4/1996 | 5.0 | Chromium | 1.30E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3144005 | 9/4/1996 | 5.0 | Cobalt | 6.92E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Copper | 1.97E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Iron | 1.88E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Lead | 1.56E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Magnesium | 3.58E+03 | | NS | NS | No Standard | No Standard | |
| KGA3144005 | 9/4/1996 | 5.0 | Manganese | 2.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Mercury | 5.66E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Nickel | 6.97E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Phosphorus | 2.42E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3144005 | 9/4/1996 | 5.0 | Potassium | 4.22E+03 | | NS | NS | No Standard | No Standard | |
| KGA3144005 | 9/4/1996 | 5.0 | Silver | 7.26E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Sodium | 1.03E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3144005 | 9/4/1996 | 5.0 | Vanadium | 3.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3144005 | 9/4/1996 | 5.0 | Zinc | 6.41E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Aluminum | 7.54E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Antimony | 4.57E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Arsenic | 2.00E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Barium | 1.90E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Beryllium | 2.76E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Calcium | 9.49E+03 | | NS | NS | No Standard | No Standard | |
| KGA3144102 | 9/4/1996 | 2.0 | Chromium | 4.23E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3144102 | 9/4/1996 | 2.0 | Cobalt | 1.78E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Copper | 2.46E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Iron | 5.95E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Lead | 4.40E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Magnesium | 1.50E+03 | | NS | NS | No Standard | No Standard | |
| KGA3144102 | 9/4/1996 | 2.0 | Manganese | 3.94E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Phosphorus | 1.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3144102 | 9/4/1996 | 2.0 | Potassium | 2.12E+03 | | NS | NS | No Standard | No Standard | |
| KGA3144102 | 9/4/1996 | 2.0 | Sodium | 3.07E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3144102 | 9/4/1996 | 2.0 | Vanadium | 1.82E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3144102 | 9/4/1996 | 2.0 | Zinc | 1.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Aluminum | 9.26E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Antimony | 3.58E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Arsenic | 3.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Barium | 1.39E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Beryllium | 4.80E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Cadmium | 6.20E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Calcium | 9.54E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Chromium | 8.23E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Cobalt | 2.92E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Copper | 1.62E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Iron | 1.10E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Lead | 1.88E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Magnesium | 1.91E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Manganese | 2.27E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Nickel | 4.81E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Phosphorus | 1.37E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0101 | 9/6/1996 | 1.0 | Potassium | 2.22E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Sodium | 5.57E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Vanadium | 1.95E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS0101 | 9/6/1996 | 1.0 | Zinc | 6.49E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Aluminum | 1.04E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Arsenic | 3.46E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Barium | 1.42E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Beryllium | 4.68E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Cadmium | 2.62E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Calcium | 5.08E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Chromium | 6.79E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Cobalt | 2.50E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Copper | 1.02E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Iron | 9.00E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Lead | 1.23E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Magnesium | 1.93E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Manganese | 2.10E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

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***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3SS0201 | 9/6/1996 | 1.0 | Nickel | 3.61E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Phosphorus | 1.70E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0201 | 9/6/1996 | 1.0 | Potassium | 3.22E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Sodium | 3.54E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Vanadium | 1.97E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS0201 | 9/6/1996 | 1.0 | Zinc | 1.53E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Aluminum | 7.75E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Arsenic | 4.31E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3SS0301 | 9/6/1996 | 1.0 | Barium | 8.67E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Beryllium | 3.93E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Calcium | 5.17E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Chromium | 4.92E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Cobalt | 2.19E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Copper | 4.59E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Iron | 8.09E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Lead | 1.08E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Magnesium | 1.53E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Manganese | 1.58E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Nickel | 2.45E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Phosphorus | 1.24E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0301 | 9/6/1996 | 1.0 | Potassium | 2.25E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Sodium | 3.10E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Vanadium | 1.97E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS0301 | 9/6/1996 | 1.0 | Zinc | 2.46E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Aluminum | 8.32E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Arsenic | 3.42E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Barium | 1.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Beryllium | 4.13E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Calcium | 4.13E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Chromium | 4.95E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Cobalt | 2.25E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Copper | 3.96E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Iron | 7.92E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Lead | 7.13E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Magnesium | 1.57E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Manganese | 2.83E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Nickel | 2.41E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Phosphorus | 1.31E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0401 | 9/6/1996 | 1.0 | Potassium | 2.63E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Sodium | 3.43E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Vanadium | 1.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS0401 | 9/6/1996 | 1.0 | Zinc | 2.10E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Aluminum | 6.95E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Arsenic | 3.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3SS0501 | 9/6/1996 | 1.0 | Barium | 7.17E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Beryllium | 3.51E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Calcium | 7.04E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Chromium | 4.29E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Cobalt | 2.06E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Copper | 3.81E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Iron | 6.70E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Lead | 6.34E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Magnesium | 1.43E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Manganese | 1.65E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Nickel | 2.45E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Phosphorus | 1.43E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0501 | 9/6/1996 | 1.0 | Potassium | 1.95E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Sodium | 2.57E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Vanadium | 1.57E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS0501 | 9/6/1996 | 1.0 | Zinc | 1.76E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Aluminum | 8.18E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Arsenic | 2.89E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Barium | 1.49E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Beryllium | 3.44E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Cadmium | 3.47E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Calcium | 4.88E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Chromium | 5.78E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Cobalt | 2.01E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Copper | 1.43E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Iron | 9.82E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Lead | 2.22E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Magnesium | 1.61E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Manganese | 1.91E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Molybdenum | 2.26E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Nickel | 4.44E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Phosphorus | 1.18E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0601 | 9/6/1996 | 1.0 | Potassium | 2.55E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Sodium | 4.14E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Vanadium | 1.58E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS0601 | 9/6/1996 | 1.0 | Zinc | 2.32E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Aluminum | 7.92E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Arsenic | 3.35E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Barium | 3.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Beryllium | 3.17E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Cadmium | 2.35E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Calcium | 1.04E+04 | | NS | NS | No Standard | No Standard | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Chromium | 1.51E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Cobalt | 4.60E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3SS0701 | 9/6/1996 | 1.0 | Copper | 3.77E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Iron | 3.36E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3SS0701 | 9/6/1996 | 1.0 | Lead | 4.87E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Magnesium | 2.06E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Manganese | 4.52E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Molybdenum | 3.75E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Nickel | 9.05E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Phosphorus | 1.73E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0701 | 9/6/1996 | 1.0 | Potassium | 2.79E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Sodium | 1.18E+02 | J | NS | NS | No Standard | No Standard | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Vanadium | 1.52E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS0701 | 9/6/1996 | 1.0 | Zinc | 3.50E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Aluminum | 8.02E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Arsenic | 2.17E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Barium | 1.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Beryllium | 3.10E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Calcium | 1.29E+04 | | NS | NS | No Standard | No Standard | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Chromium | 7.50E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Cobalt | 2.42E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Copper | 1.37E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Iron | 2.09E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Lead | 3.90E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Magnesium | 1.85E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Manganese | 2.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Mercury | 4.86E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Nickel | 5.98E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Phosphorus | 1.26E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0801 | 9/6/1996 | 1.0 | Potassium | 2.53E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Sodium | 8.01E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Vanadium | 1.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS0801 | 9/6/1996 | 1.0 | Zinc | 6.32E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Aluminum | 9.10E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Arsenic | 2.30E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Barium | 1.16E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Beryllium | 3.62E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Cadmium | 1.28E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Calcium | 1.23E+04 | | NS | NS | No Standard | No Standard | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Chromium | 5.36E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Cobalt | 2.54E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Copper | 4.95E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Iron | 8.31E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Lead | 2.07E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Magnesium | 1.90E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Manganese | 2.01E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3SS0901 | 9/6/1996 | 1.0 | Nickel | 3.30E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Phosphorus | 1.36E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0901 | 9/6/1996 | 1.0 | Potassium | 3.79E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Sodium | 3.11E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Vanadium | 1.79E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS0901 | 9/6/1996 | 1.0 | Zinc | 1.57E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Aluminum | 8.78E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Arsenic | 1.83E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Barium | 1.23E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Beryllium | 3.35E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Calcium | 8.22E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Chromium | 5.24E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Cobalt | 1.88E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Copper | 5.11E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Iron | 7.00E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Lead | 6.79E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Magnesium | 1.77E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Manganese | 2.20E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Nickel | 2.57E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Phosphorus | 1.43E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1001 | 9/6/1996 | 1.0 | Potassium | 2.84E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Sodium | 3.29E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Vanadium | 1.70E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS1001 | 9/6/1996 | 1.0 | Zinc | 3.84E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Aluminum | 9.22E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Arsenic | 1.68E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Barium | 1.28E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Beryllium | 3.44E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Cadmium | 1.92E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Calcium | 8.12E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Chromium | 5.31E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Cobalt | 2.19E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Copper | 7.32E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Iron | 7.23E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Lead | 1.76E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Magnesium | 1.84E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Manganese | 1.70E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Mercury | 4.01E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Nickel | 2.68E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Phosphorus | 1.40E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1101 | 9/6/1996 | 1.0 | Potassium | 3.06E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Sodium | 3.75E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Vanadium | 1.76E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS1101 | 9/6/1996 | 1.0 | Zinc | 1.94E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3SS1201 | 9/6/1996 | 1.0 | Aluminum | 7.24E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Arsenic | 2.15E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Barium | 1.07E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Beryllium | 3.05E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Calcium | 6.47E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Chromium | 4.44E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Cobalt | 2.28E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Copper | 3.22E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Iron | 6.67E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Lead | 5.15E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Magnesium | 1.51E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Manganese | 1.68E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Nickel | 2.60E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Phosphorus | 1.25E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1201 | 9/6/1996 | 1.0 | Potassium | 2.24E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Sodium | 2.33E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Vanadium | 1.63E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS1201 | 9/6/1996 | 1.0 | Zinc | 1.44E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Aluminum | 9.11E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Arsenic | 2.22E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Barium | 6.40E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Beryllium | 3.74E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Calcium | 9.99E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Chromium | 5.30E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Cobalt | 2.21E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Copper | 4.05E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Iron | 7.63E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Lead | 5.22E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Magnesium | 1.84E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Manganese | 1.67E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Nickel | 3.01E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Phosphorus | 1.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1301 | 9/6/1996 | 1.0 | Potassium | 2.82E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Sodium | 3.16E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Vanadium | 1.90E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS1301 | 9/6/1996 | 1.0 | Zinc | 2.18E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Aluminum | 8.53E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Arsenic | 2.35E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Barium | 1.10E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Beryllium | 3.36E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Cadmium | 1.70E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Calcium | 9.47E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Chromium | 6.52E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Cobalt | 2.41E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3SS1401 | 9/6/1996 | 1.0 | Copper | 1.96E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Iron | 9.46E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Lead | 2.32E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Magnesium | 1.77E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Manganese | 2.90E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Molybdenum | 2.88E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Nickel | 4.40E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Phosphorus | 1.65E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1401 | 9/6/1996 | 1.0 | Potassium | 2.77E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Sodium | 5.20E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Vanadium | 1.85E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS1401 | 9/6/1996 | 1.0 | Zinc | 8.56E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Aluminum | 5.95E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Arsenic | 2.46E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Barium | 6.92E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Beryllium | 2.68E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Calcium | 9.30E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Chromium | 3.78E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Cobalt | 2.16E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Copper | 3.68E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Iron | 6.76E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Lead | 5.18E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Magnesium | 1.38E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Manganese | 1.91E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Molybdenum | 2.21E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Nickel | 2.81E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Phosphorus | 1.35E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1501 | 9/6/1996 | 1.0 | Potassium | 1.74E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Selenium | 5.05E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Sodium | 1.88E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Vanadium | 1.51E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS1501 | 9/6/1996 | 1.0 | Zinc | 2.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Aluminum | 9.83E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Arsenic | 2.72E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Barium | 1.84E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Beryllium | 4.16E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Cadmium | 4.86E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Calcium | 7.31E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Chromium | 6.47E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Cobalt | 5.82E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Copper | 2.33E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Iron | 8.50E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Lead | 1.83E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Magnesium | 1.88E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3SS1601 | 9/6/1996 | 1.0 | Manganese | 4.50E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Molybdenum | 1.70E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Nickel | 4.33E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Phosphorus | 1.50E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1601 | 9/6/1996 | 1.0 | Potassium | 2.70E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Silver | 5.83E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Sodium | 2.98E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Vanadium | 2.19E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS1601 | 9/6/1996 | 1.0 | Zinc | 1.25E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Aluminum | 1.79E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Arsenic | 4.67E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3SS1701 | 9/6/1996 | 1.0 | Barium | 1.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Beryllium | 7.91E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Cadmium | 7.39E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Calcium | 1.03E+04 | | NS | NS | No Standard | No Standard | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Chromium | 1.14E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Cobalt | 5.55E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Copper | 1.06E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Iron | 1.45E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Lead | 1.82E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Magnesium | 3.39E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Manganese | 4.00E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Mercury | 4.38E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Nickel | 7.01E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Phosphorus | 2.48E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1701 | 9/6/1996 | 1.0 | Potassium | 4.28E+03 | | NS | NS | No Standard | No Standard | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Sodium | 4.34E+01 | J | NS | NS | No Standard | No Standard | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Vanadium | 3.48E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS1701 | 9/6/1996 | 1.0 | Zinc | 4.65E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Aluminum | 8.16E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Arsenic | 2.23E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Barium | 8.21E+01 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Beryllium | 3.41E-01 | DJ | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Calcium | 6.63E+03 | D | NS | NS | No Standard | No Standard | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Chromium | 5.19E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Cobalt | 2.22E+00 | DJ | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Copper | 3.44E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Iron | 6.93E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Lead | 4.77E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Magnesium | 1.64E+03 | D | NS | NS | No Standard | No Standard | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Manganese | 1.95E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Nickel | 2.89E+00 | DJ | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Phosphorus | 1.26E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1801 | 9/6/1996 | 1.0 | Potassium | 2.51E+03 | D | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3SS1801 | 9/6/1996 | 1.0 | Sodium | 3.03E+01 | DJ | NS | NS | No Standard | No Standard | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Vanadium | 1.73E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA3SS1801 | 9/6/1996 | 1.0 | Zinc | 1.65E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Aluminum | 1.17E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Antimony | 4.70E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Arsenic | 2.21E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Barium | 1.90E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Beryllium | 6.50E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Calcium | 5.77E+03 | | NS | NS | No Standard | No Standard | |
| KGA4013015 | 9/4/1996 | 15.0 | Chromium | 9.12E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4013015 | 9/4/1996 | 15.0 | Cobalt | 6.47E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Copper | 8.85E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Iron | 1.58E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Lead | 4.43E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Magnesium | 2.37E+03 | | NS | NS | No Standard | No Standard | |
| KGA4013015 | 9/4/1996 | 15.0 | Manganese | 2.38E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Nickel | 6.23E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Phosphorus | 2.35E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4013015 | 9/4/1996 | 15.0 | Potassium | 1.95E+03 | | NS | NS | No Standard | No Standard | |
| KGA4013015 | 9/4/1996 | 15.0 | Sodium | 7.81E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4013015 | 9/4/1996 | 15.0 | Vanadium | 2.54E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4013015 | 9/4/1996 | 15.0 | Zinc | 4.40E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Aluminum | 7.68E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Antimony | 4.69E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Arsenic | 4.82E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4013115 | 9/4/1996 | 15.0 | Barium | 1.46E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Beryllium | 6.45E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Calcium | 6.59E+03 | | NS | NS | No Standard | No Standard | |
| KGA4013115 | 9/4/1996 | 15.0 | Chromium | 6.97E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4013115 | 9/4/1996 | 15.0 | Cobalt | 5.59E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Copper | 1.01E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Iron | 1.37E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Lead | 1.07E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Magnesium | 2.16E+03 | | NS | NS | No Standard | No Standard | |
| KGA4013115 | 9/4/1996 | 15.0 | Manganese | 2.01E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Nickel | 5.57E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Phosphorus | 2.66E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4013115 | 9/4/1996 | 15.0 | Potassium | 1.19E+03 | | NS | NS | No Standard | No Standard | |
| KGA4013115 | 9/4/1996 | 15.0 | Sodium | 8.56E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4013115 | 9/4/1996 | 15.0 | Vanadium | 2.01E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4013115 | 9/4/1996 | 15.0 | Zinc | 4.23E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Aluminum | 1.82E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Antimony | 6.65E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Arsenic | 4.78E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4013210 | 9/4/1996 | 10.0 | Barium | 1.45E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Beryllium | 8.30E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Calcium | 1.01E+04 | | NS | NS | No Standard | No Standard | |
| KGA4013210 | 9/4/1996 | 10.0 | Chromium | 1.28E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4013210 | 9/4/1996 | 10.0 | Cobalt | 6.79E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Copper | 1.12E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Iron | 1.62E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Lead | 1.19E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Magnesium | 3.83E+03 | | NS | NS | No Standard | No Standard | |
| KGA4013210 | 9/4/1996 | 10.0 | Manganese | 2.11E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Nickel | 7.92E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Phosphorus | 2.85E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4013210 | 9/4/1996 | 10.0 | Potassium | 2.74E+03 | | NS | NS | No Standard | No Standard | |
| KGA4013210 | 9/4/1996 | 10.0 | Sodium | 1.50E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4013210 | 9/4/1996 | 10.0 | Vanadium | 3.25E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4013210 | 9/4/1996 | 10.0 | Zinc | 4.70E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Aluminum | 1.01E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Antimony | 6.48E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Arsenic | 1.79E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Barium | 1.32E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Beryllium | 3.85E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Calcium | 1.02E+04 | | NS | NS | No Standard | No Standard | |
| KGA4013315 | 9/4/1996 | 15.0 | Chromium | 6.01E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4013315 | 9/4/1996 | 15.0 | Cobalt | 3.29E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Copper | 3.62E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Iron | 7.95E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Lead | 4.90E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Magnesium | 2.07E+03 | | NS | NS | No Standard | No Standard | |
| KGA4013315 | 9/4/1996 | 15.0 | Manganese | 1.85E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Nickel | 2.46E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Phosphorus | 1.29E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4013315 | 9/4/1996 | 15.0 | Potassium | 2.45E+03 | | NS | NS | No Standard | No Standard | |
| KGA4013315 | 9/4/1996 | 15.0 | Sodium | 5.65E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4013315 | 9/4/1996 | 15.0 | Vanadium | 1.97E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4013315 | 9/4/1996 | 15.0 | Zinc | 1.60E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | 4-Amino-2,6-dinitrotoluene | 4.01E-01 | J | NS | NS | No Standard | No Standard | |
| KGA4020205 | 8/9/1996 | 5.0 | Aluminum | 1.95E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | Arsenic | 6.28E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020205 | 8/9/1996 | 5.0 | Barium | 1.94E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | Beryllium | 7.83E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | Cadmium | 1.17E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | Calcium | 8.48E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020205 | 8/9/1996 | 5.0 | Chromium | 1.34E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4020205 | 8/9/1996 | 5.0 | Cobalt | 8.71E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4020205 | 8/9/1996 | 5.0 | Copper | 1.59E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | Iron | 1.97E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | Lead | 1.55E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | Magnesium | 4.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020205 | 8/9/1996 | 5.0 | Manganese | 2.56E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | Mercury | 8.47E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | Nickel | 1.21E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | Phosphorus | 3.13E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020205 | 8/9/1996 | 5.0 | Potassium | 3.24E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020205 | 8/9/1996 | 5.0 | Sodium | 2.45E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4020205 | 8/9/1996 | 5.0 | Vanadium | 3.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4020205 | 8/9/1996 | 5.0 | Zinc | 6.26E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Aluminum | 1.31E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Arsenic | 5.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020510 | 8/9/1996 | 10.0 | Barium | 1.78E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Beryllium | 8.25E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Cadmium | 7.63E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Calcium | 4.87E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020510 | 8/9/1996 | 10.0 | Chromium | 9.31E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4020510 | 8/9/1996 | 10.0 | Cobalt | 6.58E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Copper | 1.02E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Iron | 1.51E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Lead | 1.20E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Magnesium | 2.58E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020510 | 8/9/1996 | 10.0 | Manganese | 2.20E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Mercury | 4.64E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Molybdenum | 1.73E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Nickel | 9.76E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Phosphorus | 2.64E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020510 | 8/9/1996 | 10.0 | Potassium | 2.38E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020510 | 8/9/1996 | 10.0 | Sodium | 1.54E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4020510 | 8/9/1996 | 10.0 | Vanadium | 2.77E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4020510 | 8/9/1996 | 10.0 | Zinc | 4.72E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | 4-Amino-2,6-dinitrotoluene | 4.34E-01 | J | NS | NS | No Standard | No Standard | |
| KGA4020602 | 8/10/1996 | 2.0 | Aluminum | 1.94E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | Arsenic | 5.53E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020602 | 8/10/1996 | 2.0 | Barium | 1.69E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | Beryllium | 8.23E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | Cadmium | 9.07E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | Calcium | 1.18E+04 | | NS | NS | No Standard | No Standard | |
| KGA4020602 | 8/10/1996 | 2.0 | Chromium | 1.26E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4020602 | 8/10/1996 | 2.0 | Cobalt | 6.05E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | Copper | 1.28E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | Iron | 1.66E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4020602 | 8/10/1996 | 2.0 | Lead | 1.33E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | Magnesium | 3.73E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020602 | 8/10/1996 | 2.0 | Manganese | 2.19E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | Mercury | 3.84E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | Nickel | 7.97E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | Phosphorus | 2.76E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020602 | 8/10/1996 | 2.0 | Potassium | 4.62E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020602 | 8/10/1996 | 2.0 | Sodium | 9.20E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4020602 | 8/10/1996 | 2.0 | Vanadium | 3.70E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4020602 | 8/10/1996 | 2.0 | Zinc | 5.06E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Aluminum | 1.71E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Antimony | 4.82E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Arsenic | 5.60E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020702 | 9/4/1996 | 2.0 | Barium | 2.35E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Beryllium | 7.62E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Cadmium | 9.86E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Calcium | 6.13E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020702 | 9/4/1996 | 2.0 | Chromium | 1.14E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4020702 | 9/4/1996 | 2.0 | Cobalt | 6.83E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Copper | 1.26E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Iron | 1.85E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Lead | 1.40E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Magnesium | 2.89E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020702 | 9/4/1996 | 2.0 | Manganese | 2.54E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Mercury | 2.90E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Nickel | 7.29E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Phosphorus | 2.57E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020702 | 9/4/1996 | 2.0 | Potassium | 2.89E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020702 | 9/4/1996 | 2.0 | Sodium | 1.03E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4020702 | 9/4/1996 | 2.0 | Vanadium | 3.30E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4020702 | 9/4/1996 | 2.0 | Zinc | 2.25E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | 1,3,5-Trinitrobenzene | 1.79E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KGA4020815 | 9/4/1996 | 15.0 | 2,4,6-Trinitrotoluene | 2.65E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | Aluminum | 1.44E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | Arsenic | 4.99E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020815 | 9/4/1996 | 15.0 | Barium | 1.62E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | Beryllium | 6.56E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | Cadmium | 7.48E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | Calcium | 3.71E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020815 | 9/4/1996 | 15.0 | Chromium | 9.75E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4020815 | 9/4/1996 | 15.0 | Cobalt | 6.05E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | Copper | 9.01E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | Iron | 1.56E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | Lead | 1.32E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4020815 | 9/4/1996 | 15.0 | Magnesium | 2.41E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020815 | 9/4/1996 | 15.0 | Manganese | 2.32E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | Nickel | 5.92E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | Phosphorus | 2.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020815 | 9/4/1996 | 15.0 | Potassium | 2.59E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020815 | 9/4/1996 | 15.0 | Sodium | 1.14E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4020815 | 9/4/1996 | 15.0 | Vanadium | 2.96E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4020815 | 9/4/1996 | 15.0 | Zinc | 1.26E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Aluminum | 1.59E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Antimony | 7.29E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Arsenic | 5.28E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020908 | 9/4/1996 | 8.0 | Barium | 1.50E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Beryllium | 8.22E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Calcium | 6.31E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020908 | 9/4/1996 | 8.0 | Chromium | 1.10E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4020908 | 9/4/1996 | 8.0 | Cobalt | 7.57E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Copper | 1.20E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Iron | 1.76E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Lead | 1.28E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Magnesium | 3.24E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020908 | 9/4/1996 | 8.0 | Manganese | 2.47E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Nickel | 8.82E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Phosphorus | 2.45E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020908 | 9/4/1996 | 8.0 | Potassium | 2.47E+03 | | NS | NS | No Standard | No Standard | |
| KGA4020908 | 9/4/1996 | 8.0 | Sodium | 2.01E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4020908 | 9/4/1996 | 8.0 | Vanadium | 3.29E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4020908 | 9/4/1996 | 8.0 | Zinc | 5.13E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4030410 | 8/10/1996 | 10.0 | Aluminum | 7.81E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4030410 | 8/10/1996 | 10.0 | Arsenic | 1.67E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4030410 | 8/10/1996 | 10.0 | Barium | 9.21E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4030410 | 8/10/1996 | 10.0 | Beryllium | 3.89E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4030410 | 8/10/1996 | 10.0 | Calcium | 1.57E+04 | | NS | NS | No Standard | No Standard | |
| KGA4030410 | 8/10/1996 | 10.0 | Chromium | 4.46E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4030410 | 8/10/1996 | 10.0 | Cobalt | 2.02E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4030410 | 8/10/1996 | 10.0 | Copper | 3.17E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4030410 | 8/10/1996 | 10.0 | Iron | 7.92E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4030410 | 8/10/1996 | 10.0 | Lead | 4.66E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4030410 | 8/10/1996 | 10.0 | Magnesium | 1.90E+03 | | NS | NS | No Standard | No Standard | |
| KGA4030410 | 8/10/1996 | 10.0 | Manganese | 2.02E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4030410 | 8/10/1996 | 10.0 | Nickel | 3.15E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4030410 | 8/10/1996 | 10.0 | Phosphorus | 1.40E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4030410 | 8/10/1996 | 10.0 | Potassium | 2.25E+03 | | NS | NS | No Standard | No Standard | |
| KGA4030410 | 8/10/1996 | 10.0 | Sodium | 5.75E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4030410 | 8/10/1996 | 10.0 | Vanadium | 1.70E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4030410 | 8/10/1996 | 10.0 | Zinc | 1.67E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Aluminum | 1.74E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Arsenic | 6.00E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4030706 | 8/10/1996 | 6.0 | Barium | 1.82E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Beryllium | 9.94E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Cadmium | 1.25E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Calcium | 9.35E+03 | | NS | NS | No Standard | No Standard | |
| KGA4030706 | 8/10/1996 | 6.0 | Chromium | 1.19E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4030706 | 8/10/1996 | 6.0 | Cobalt | 7.14E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Copper | 1.58E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Iron | 1.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Lead | 1.56E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Magnesium | 3.97E+03 | | NS | NS | No Standard | No Standard | |
| KGA4030706 | 8/10/1996 | 6.0 | Manganese | 2.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Mercury | 5.79E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Molybdenum | 1.36E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Nickel | 1.12E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Phosphorus | 3.90E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4030706 | 8/10/1996 | 6.0 | Potassium | 3.10E+03 | | NS | NS | No Standard | No Standard | |
| KGA4030706 | 8/10/1996 | 6.0 | Sodium | 2.19E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4030706 | 8/10/1996 | 6.0 | Vanadium | 3.43E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4030706 | 8/10/1996 | 6.0 | Zinc | 6.46E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Aluminum | 1.39E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Arsenic | 4.46E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4031005 | 9/5/1996 | 5.0 | Barium | 1.52E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Beryllium | 6.15E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Cadmium | 7.84E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Calcium | 7.62E+03 | | NS | NS | No Standard | No Standard | |
| KGA4031005 | 9/5/1996 | 5.0 | Chromium | 9.33E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4031005 | 9/5/1996 | 5.0 | Cobalt | 5.08E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Copper | 1.13E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Iron | 1.43E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Lead | 1.29E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Magnesium | 2.47E+03 | | NS | NS | No Standard | No Standard | |
| KGA4031005 | 9/5/1996 | 5.0 | Manganese | 2.33E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Nickel | 6.19E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Phosphorus | 2.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4031005 | 9/5/1996 | 5.0 | Potassium | 2.79E+03 | | NS | NS | No Standard | No Standard | |
| KGA4031005 | 9/5/1996 | 5.0 | Sodium | 1.05E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4031005 | 9/5/1996 | 5.0 | Thallium | 7.52E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Vanadium | 2.72E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4031005 | 9/5/1996 | 5.0 | Zinc | 6.18E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Aluminum | 4.01E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Arsenic | 5.36E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4031105 | 9/5/1996 | 5.0 | Barium | 1.93E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Beryllium | 1.40E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Calcium | 8.79E+03 | | NS | NS | No Standard | No Standard | |
| KGA4031105 | 9/5/1996 | 5.0 | Chromium | 2.22E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4031105 | 9/5/1996 | 5.0 | Cobalt | 9.36E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Copper | 2.07E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Iron | 2.33E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Lead | 1.98E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Magnesium | 5.70E+03 | | NS | NS | No Standard | No Standard | |
| KGA4031105 | 9/5/1996 | 5.0 | Manganese | 2.26E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Mercury | 7.60E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Molybdenum | 3.16E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Nickel | 1.17E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Phosphorus | 3.34E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4031105 | 9/5/1996 | 5.0 | Potassium | 6.40E+03 | | NS | NS | No Standard | No Standard | |
| KGA4031105 | 9/5/1996 | 5.0 | Sodium | 3.05E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4031105 | 9/5/1996 | 5.0 | Thallium | 2.33E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Vanadium | 5.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4031105 | 9/5/1996 | 5.0 | Zinc | 1.11E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Aluminum | 2.13E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Arsenic | 5.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040402 | 8/9/1996 | 2.0 | Barium | 1.78E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Beryllium | 1.00E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Cadmium | 1.08E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Calcium | 8.68E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040402 | 8/9/1996 | 2.0 | Chromium | 1.32E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4040402 | 8/9/1996 | 2.0 | Cobalt | 7.74E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Copper | 1.62E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Iron | 1.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Lead | 1.61E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Magnesium | 4.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040402 | 8/9/1996 | 2.0 | Manganese | 2.12E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Mercury | 3.14E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Molybdenum | 1.27E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Nickel | 1.06E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Phosphorus | 3.07E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040402 | 8/9/1996 | 2.0 | Potassium | 4.09E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040402 | 8/9/1996 | 2.0 | Sodium | 1.07E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4040402 | 8/9/1996 | 2.0 | Thallium | 8.14E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Vanadium | 3.76E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4040402 | 8/9/1996 | 2.0 | Zinc | 6.22E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Aluminum | 1.49E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Arsenic | 5.66E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040500 | 8/9/1996 | 0.5 | Barium | 1.51E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4040500 | 8/9/1996 | 0.5 | Beryllium | 7.98E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Cadmium | 1.72E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Calcium | 6.42E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040500 | 8/9/1996 | 0.5 | Chromium | 1.09E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4040500 | 8/9/1996 | 0.5 | Cobalt | 6.42E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Copper | 1.15E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Iron | 1.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Lead | 3.60E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Magnesium | 2.98E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040500 | 8/9/1996 | 0.5 | Manganese | 2.74E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Mercury | 4.01E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Molybdenum | 1.35E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Nickel | 8.96E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Phosphorus | 8.01E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040500 | 8/9/1996 | 0.5 | Potassium | 2.23E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040500 | 8/9/1996 | 0.5 | Vanadium | 3.16E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4040500 | 8/9/1996 | 0.5 | Zinc | 5.35E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Aluminum | 1.85E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Arsenic | 5.56E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040605 | 9/5/1996 | 5.0 | Barium | 2.52E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Beryllium | 7.21E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Calcium | 4.31E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040605 | 9/5/1996 | 5.0 | Chromium | 1.11E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4040605 | 9/5/1996 | 5.0 | Cobalt | 7.18E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Copper | 8.36E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Iron | 1.78E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Lead | 1.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Magnesium | 2.63E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040605 | 9/5/1996 | 5.0 | Manganese | 2.48E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Molybdenum | 2.30E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Nickel | 7.82E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Phosphorus | 2.37E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040605 | 9/5/1996 | 5.0 | Potassium | 3.04E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040605 | 9/5/1996 | 5.0 | Sodium | 1.66E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4040605 | 9/5/1996 | 5.0 | Thallium | 1.27E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Vanadium | 3.38E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4040605 | 9/5/1996 | 5.0 | Zinc | 4.65E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Aluminum | 1.29E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Arsenic | 5.50E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040609 | 8/9/1996 | 9.0 | Barium | 1.48E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Beryllium | 7.96E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Cadmium | 1.41E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Calcium | 7.29E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040609 | 8/9/1996 | 9.0 | Chromium | 9.59E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4040609 | 8/9/1996 | 9.0 | Cobalt | 6.39E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Copper | 9.98E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Iron | 1.57E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Lead | 1.11E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Magnesium | 2.50E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040609 | 8/9/1996 | 9.0 | Manganese | 2.59E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Mercury | 2.97E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Molybdenum | 1.50E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Nickel | 1.01E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Phosphorus | 2.55E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040609 | 8/9/1996 | 9.0 | Potassium | 2.05E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040609 | 8/9/1996 | 9.0 | Vanadium | 2.79E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4040609 | 8/9/1996 | 9.0 | Zinc | 4.21E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Aluminum | 2.87E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Arsenic | 5.24E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040705 | 9/5/1996 | 5.0 | Barium | 1.66E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Beryllium | 1.01E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Cadmium | 2.89E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Calcium | 8.08E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040705 | 9/5/1996 | 5.0 | Chromium | 1.66E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4040705 | 9/5/1996 | 5.0 | Cobalt | 8.50E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Copper | 1.42E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Iron | 1.83E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Lead | 1.45E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Magnesium | 4.06E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040705 | 9/5/1996 | 5.0 | Manganese | 2.47E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Mercury | 9.21E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Molybdenum | 2.63E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Nickel | 1.04E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Phosphorus | 3.17E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040705 | 9/5/1996 | 5.0 | Potassium | 4.72E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040705 | 9/5/1996 | 5.0 | Sodium | 1.78E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4040705 | 9/5/1996 | 5.0 | Thallium | 1.96E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Vanadium | 4.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4040705 | 9/5/1996 | 5.0 | Zinc | 8.05E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Aluminum | 1.65E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Arsenic | 5.64E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040805 | 9/5/1996 | 5.0 | Barium | 1.80E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Beryllium | 7.62E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Calcium | 4.30E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040805 | 9/5/1996 | 5.0 | Chromium | 1.05E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4040805 | 9/5/1996 | 5.0 | Cobalt | 7.34E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Copper | 8.82E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Iron | 1.71E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4040805 | 9/5/1996 | 5.0 | Lead | 1.14E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Magnesium | 2.54E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040805 | 9/5/1996 | 5.0 | Manganese | 2.33E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Mercury | 4.46E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Molybdenum | 2.61E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Nickel | 7.65E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Phosphorus | 2.64E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040805 | 9/5/1996 | 5.0 | Potassium | 2.66E+03 | | NS | NS | No Standard | No Standard | |
| KGA4040805 | 9/5/1996 | 5.0 | Sodium | 1.57E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4040805 | 9/5/1996 | 5.0 | Thallium | 1.34E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Vanadium | 3.18E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4040805 | 9/5/1996 | 5.0 | Zinc | 4.46E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Aluminum | 9.44E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Arsenic | 3.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Barium | 7.81E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Beryllium | 4.31E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Cadmium | 2.49E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Calcium | 1.36E+04 | | NS | NS | No Standard | No Standard | |
| KGA4060305 | 8/8/1996 | 5.0 | Chromium | 5.40E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4060305 | 8/8/1996 | 5.0 | Cobalt | 3.39E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Copper | 1.01E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Iron | 1.25E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Lead | 7.05E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Magnesium | 2.51E+03 | | NS | NS | No Standard | No Standard | |
| KGA4060305 | 8/8/1996 | 5.0 | Manganese | 3.16E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Molybdenum | 2.25E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Nickel | 5.10E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Potassium | 1.75E+03 | | NS | NS | No Standard | No Standard | |
| KGA4060305 | 8/8/1996 | 5.0 | Sodium | 7.23E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4060305 | 8/8/1996 | 5.0 | Vanadium | 1.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4060305 | 8/8/1996 | 5.0 | Zinc | 3.23E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Aluminum | 1.16E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Arsenic | 4.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4060401 | 8/8/1996 | 1.0 | Barium | 2.06E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Beryllium | 7.60E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Cadmium | 1.13E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Calcium | 3.12E+03 | | NS | NS | No Standard | No Standard | |
| KGA4060401 | 8/8/1996 | 1.0 | Chromium | 8.45E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4060401 | 8/8/1996 | 1.0 | Cobalt | 6.41E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Copper | 1.49E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Iron | 1.55E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Lead | 1.44E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Magnesium | 2.06E+03 | | NS | NS | No Standard | No Standard | |
| KGA4060401 | 8/8/1996 | 1.0 | Manganese | 2.55E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4060401 | 8/8/1996 | 1.0 | Mercury | 3.12E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Nickel | 5.53E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Phosphorus | 2.33E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4060401 | 8/8/1996 | 1.0 | Potassium | 2.37E+03 | | NS | NS | No Standard | No Standard | |
| KGA4060401 | 8/8/1996 | 1.0 | Selenium | 4.28E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Sodium | 6.82E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4060401 | 8/8/1996 | 1.0 | Vanadium | 2.59E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4060401 | 8/8/1996 | 1.0 | Zinc | 7.77E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Aluminum | 1.56E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Arsenic | 4.54E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4060702 | 8/9/1996 | 2.0 | Barium | 1.67E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Beryllium | 7.59E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Cadmium | 4.71E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Calcium | 4.42E+03 | | NS | NS | No Standard | No Standard | |
| KGA4060702 | 8/9/1996 | 2.0 | Chromium | 9.94E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4060702 | 8/9/1996 | 2.0 | Cobalt | 4.06E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Copper | 8.58E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Iron | 1.36E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Lead | 9.59E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Magnesium | 2.84E+03 | | NS | NS | No Standard | No Standard | |
| KGA4060702 | 8/9/1996 | 2.0 | Manganese | 1.96E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Nickel | 6.75E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Potassium | 3.64E+03 | | NS | NS | No Standard | No Standard | |
| KGA4060702 | 8/9/1996 | 2.0 | Sodium | 1.11E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4060702 | 8/9/1996 | 2.0 | Vanadium | 2.96E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4060702 | 8/9/1996 | 2.0 | Zinc | 3.99E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Aluminum | 1.06E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Arsenic | 2.95E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Barium | 7.80E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Beryllium | 4.99E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Cadmium | 8.96E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Calcium | 8.42E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090403 | 8/8/1996 | 3.0 | Chromium | 5.93E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4090403 | 8/8/1996 | 3.0 | Cobalt | 2.38E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Copper | 3.45E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Iron | 7.91E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Lead | 5.41E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Magnesium | 1.78E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090403 | 8/8/1996 | 3.0 | Manganese | 1.84E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Phosphorus | 1.24E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4090403 | 8/8/1996 | 3.0 | Potassium | 3.10E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090403 | 8/8/1996 | 3.0 | Sodium | 4.50E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4090403 | 8/8/1996 | 3.0 | Vanadium | 2.49E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4090403 | 8/8/1996 | 3.0 | Zinc | 1.77E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4090502 | 8/8/1996 | 2.0 | 2,4,6-Trinitrotoluene | 4.26E+00 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Aluminum | 6.46E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Arsenic | 1.74E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Barium | 1.06E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Beryllium | 3.75E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Cadmium | 2.30E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Calcium | 7.21E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090502 | 8/8/1996 | 2.0 | Chromium | 4.30E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4090502 | 8/8/1996 | 2.0 | Cobalt | 1.73E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Copper | 4.46E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Iron | 6.07E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Lead | 2.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Magnesium | 1.25E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090502 | 8/8/1996 | 2.0 | Manganese | 1.48E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Mercury | 1.62E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Nickel | 2.12E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Phosphorus | 1.02E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4090502 | 8/8/1996 | 2.0 | Potassium | 2.36E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090502 | 8/8/1996 | 2.0 | Sodium | 7.02E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4090502 | 8/8/1996 | 2.0 | Vanadium | 1.55E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4090502 | 8/8/1996 | 2.0 | Zinc | 4.54E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Aluminum | 8.91E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Antimony | 5.68E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Arsenic | 4.97E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4090615 | 9/4/1996 | 15.0 | Barium | 1.65E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Beryllium | 6.97E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Calcium | 5.32E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090615 | 9/4/1996 | 15.0 | Chromium | 7.35E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4090615 | 9/4/1996 | 15.0 | Cobalt | 6.33E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Copper | 1.03E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Iron | 1.48E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Lead | 1.16E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Magnesium | 2.27E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090615 | 9/4/1996 | 15.0 | Manganese | 2.10E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Mercury | 5.18E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Nickel | 7.54E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Phosphorus | 2.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4090615 | 9/4/1996 | 15.0 | Potassium | 1.49E+03 | | NS | NS | No Standard | No Standard | |
| KGA4090615 | 9/4/1996 | 15.0 | Sodium | 8.70E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4090615 | 9/4/1996 | 15.0 | Vanadium | 2.24E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4090615 | 9/4/1996 | 15.0 | Zinc | 4.31E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Aluminum | 2.31E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Arsenic | 6.80E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4100305 | 8/17/1996 | 5.0 | Barium | 1.95E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

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***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4100305 | 8/17/1996 | 5.0 | Beryllium | 1.18E+00 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Cadmium | 2.16E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Calcium | 7.16E+03 | J | NS | NS | No Standard | No Standard | |
| KGA4100305 | 8/17/1996 | 5.0 | Chromium | 1.44E+01 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4100305 | 8/17/1996 | 5.0 | Cobalt | 8.58E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Copper | 1.58E+01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Iron | 1.90E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Lead | 1.56E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Magnesium | 4.05E+03 | J | NS | NS | No Standard | No Standard | |
| KGA4100305 | 8/17/1996 | 5.0 | Manganese | 2.57E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Nickel | 1.25E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Phosphorus | 2.49E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4100305 | 8/17/1996 | 5.0 | Potassium | 4.08E+03 | J | NS | NS | No Standard | No Standard | |
| KGA4100305 | 8/17/1996 | 5.0 | Sodium | 1.42E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4100305 | 8/17/1996 | 5.0 | Thallium | 1.20E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Vanadium | 4.01E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4100305 | 8/17/1996 | 5.0 | Zinc | 5.85E+01 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4100402 | 8/17/1996 | 2.0 | Total organic carbon | 8.48E+03 | J | NS | NS | No Standard | No Standard | |
| KGA4100921 | 8/17/1996 | 21.0 | Total organic carbon | 7.71E+03 | | NS | NS | No Standard | No Standard | |
| KGA4101103 | 8/17/1996 | 3.0 | Aluminum | 2.52E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4101103 | 8/17/1996 | 3.0 | Arsenic | 4.95E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4101103 | 8/17/1996 | 3.0 | Barium | 1.64E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4101103 | 8/17/1996 | 3.0 | Beryllium | 1.00E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4101103 | 8/17/1996 | 3.0 | Calcium | 8.73E+03 | | NS | NS | No Standard | No Standard | |
| KGA4101103 | 8/17/1996 | 3.0 | Chromium | 1.48E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4101103 | 8/17/1996 | 3.0 | Cobalt | 7.03E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4101103 | 8/17/1996 | 3.0 | Copper | 1.47E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4101103 | 8/17/1996 | 3.0 | Iron | 1.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4101103 | 8/17/1996 | 3.0 | Lead | 1.48E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4101103 | 8/17/1996 | 3.0 | Magnesium | 4.12E+03 | | NS | NS | No Standard | No Standard | |
| KGA4101103 | 8/17/1996 | 3.0 | Manganese | 1.96E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4101103 | 8/17/1996 | 3.0 | Nickel | 9.22E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4101103 | 8/17/1996 | 3.0 | Phosphorus | 2.98E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4101103 | 8/17/1996 | 3.0 | Potassium | 4.54E+03 | | NS | NS | No Standard | No Standard | |
| KGA4101103 | 8/17/1996 | 3.0 | Sodium | 8.69E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4101103 | 8/17/1996 | 3.0 | Vanadium | 4.17E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4101103 | 8/17/1996 | 3.0 | Zinc | 5.57E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4101303 | 8/17/1996 | 3.0 | Aluminum | 1.92E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4101303 | 8/17/1996 | 3.0 | Arsenic | 3.90E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4101303 | 8/17/1996 | 3.0 | Barium | 1.17E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4101303 | 8/17/1996 | 3.0 | Beryllium | 7.41E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4101303 | 8/17/1996 | 3.0 | Calcium | 5.71E+03 | | NS | NS | No Standard | No Standard | |
| KGA4101303 | 8/17/1996 | 3.0 | Chromium | 1.08E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4101303 | 8/17/1996 | 3.0 | Cobalt | 4.66E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4101303 | 8/17/1996 | 3.0 | Copper | 1.00E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4101303 | 8/17/1996 | 3.0 | Iron | 1.41E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4101303 | 8/17/1996 | 3.0 | Lead | 1.11E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4101303 | 8/17/1996 | 3.0 | Magnesium | 3.02E+03 | | NS | NS | No Standard | No Standard | |
| KGA4101303 | 8/17/1996 | 3.0 | Manganese | 1.85E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4101303 | 8/17/1996 | 3.0 | Nickel | 7.35E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4101303 | 8/17/1996 | 3.0 | Phosphorus | 2.56E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4101303 | 8/17/1996 | 3.0 | Potassium | 3.61E+03 | | NS | NS | No Standard | No Standard | |
| KGA4101303 | 8/17/1996 | 3.0 | Sodium | 8.91E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4101303 | 8/17/1996 | 3.0 | Vanadium | 3.21E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4101303 | 8/17/1996 | 3.0 | Zinc | 5.06E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Aluminum | 4.63E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Arsenic | 5.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4110105 | 9/5/1996 | 5.0 | Barium | 1.87E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Beryllium | 1.45E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Calcium | 9.51E+03 | | NS | NS | No Standard | No Standard | |
| KGA4110105 | 9/5/1996 | 5.0 | Chromium | 2.42E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4110105 | 9/5/1996 | 5.0 | Cobalt | 9.02E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Copper | 1.71E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Iron | 2.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA4110105 | 9/5/1996 | 5.0 | Lead | 1.73E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Magnesium | 5.94E+03 | | NS | NS | No Standard | No Standard | |
| KGA4110105 | 9/5/1996 | 5.0 | Manganese | 2.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Molybdenum | 1.26E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Nickel | 1.13E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Phosphorus | 3.80E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4110105 | 9/5/1996 | 5.0 | Potassium | 7.34E+03 | | NS | NS | No Standard | No Standard | |
| KGA4110105 | 9/5/1996 | 5.0 | Sodium | 2.35E+02 | J | NS | NS | No Standard | No Standard | |
| KGA4110105 | 9/5/1996 | 5.0 | Thallium | 2.34E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Vanadium | 6.46E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4110105 | 9/5/1996 | 5.0 | Zinc | 7.43E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4110205 | 9/5/1996 | 5.0 | Total organic carbon | 9.18E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Aluminum | 8.73E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Antimony | 4.88E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Arsenic | 2.26E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Barium | 1.47E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Beryllium | 3.59E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Cadmium | 4.61E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Calcium | 6.71E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Chromium | 5.52E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Cobalt | 2.56E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Copper | 1.65E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Iron | 7.54E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Lead | 8.81E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4SS1801 | 9/6/1996 | 1.0 | Magnesium | 1.72E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Manganese | 1.45E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Mercury | 8.75E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Nickel | 3.04E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Phosphorus | 1.82E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4SS1801 | 9/6/1996 | 1.0 | Potassium | 2.36E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Sodium | 2.88E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Vanadium | 1.71E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4SS1801 | 9/6/1996 | 1.0 | Zinc | 8.07E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Aluminum | 1.59E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Arsenic | 3.39E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Barium | 3.26E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Beryllium | 6.49E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Cadmium | 8.54E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Calcium | 6.45E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Chromium | 1.10E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Cobalt | 4.89E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Copper | 1.18E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Iron | 1.29E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Lead | 7.32E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Magnesium | 2.78E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Manganese | 2.02E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Mercury | 4.70E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Nickel | 8.18E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Phosphorus | 2.10E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4SS1901 | 9/6/1996 | 1.0 | Potassium | 3.40E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Sodium | 5.10E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Vanadium | 2.80E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4SS1901 | 9/6/1996 | 1.0 | Zinc | 6.99E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Aluminum | 7.45E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Arsenic | 2.51E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Barium | 9.24E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Beryllium | 3.29E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Cadmium | 1.09E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Calcium | 8.20E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Chromium | 6.82E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Cobalt | 2.22E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Copper | 5.51E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Iron | 1.03E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Lead | 2.29E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Magnesium | 1.53E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Manganese | 1.62E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Mercury | 4.11E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Nickel | 5.23E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4SS2001 | 9/6/1996 | 1.0 | Phosphorus | 1.53E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4SS2001 | 9/6/1996 | 1.0 | Potassium | 2.07E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Sodium | 2.62E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Vanadium | 1.65E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4SS2001 | 9/6/1996 | 1.0 | Zinc | 2.60E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Aluminum | 7.50E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Arsenic | 2.15E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Barium | 1.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Beryllium | 3.06E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Cadmium | 1.78E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Calcium | 8.05E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Chromium | 4.94E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Cobalt | 1.85E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Copper | 3.18E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Iron | 7.11E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Lead | 6.44E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Magnesium | 1.51E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Manganese | 1.51E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Mercury | 7.14E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Nickel | 3.89E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Phosphorus | 1.03E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4SS2101 | 9/6/1996 | 1.0 | Potassium | 2.48E+03 | | NS | NS | No Standard | No Standard | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Sodium | 2.55E+01 | J | NS | NS | No Standard | No Standard | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Vanadium | 1.60E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4SS2101 | 9/6/1996 | 1.0 | Zinc | 1.18E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Aluminum | 8.84E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Arsenic | 2.38E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Barium | 1.07E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Beryllium | 3.53E-01 | DJ | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Cadmium | 1.34E+00 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Calcium | 7.02E+03 | D | NS | NS | No Standard | No Standard | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Chromium | 5.78E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Cobalt | 2.12E+00 | DJ | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Copper | 4.76E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Iron | 7.54E+03 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Lead | 1.33E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Magnesium | 1.67E+03 | D | NS | NS | No Standard | No Standard | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Manganese | 1.60E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Mercury | 7.11E-02 | DJ | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Nickel | 3.44E+00 | DJ | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Phosphorus | 1.44E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4SS2701 | 9/6/1996 | 1.0 | Potassium | 2.37E+03 | D | NS | NS | No Standard | No Standard | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Silver | 2.14E+00 | D | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Sodium | 2.70E+01 | DJ | NS | NS | No Standard | No Standard | |

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***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4SS2701 | 9/6/1996 | 1.0 | Vanadium | 1.79E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA4SS2701 | 9/6/1996 | 1.0 | Zinc | 3.70E+03 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Aluminum | 3.27E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Antimony | 5.71E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Arsenic | 5.64E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA5010502 | 9/4/1996 | 2.0 | Barium | 1.79E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Beryllium | 1.23E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Calcium | 9.32E+03 | | NS | NS | No Standard | No Standard | |
| KGA5010502 | 9/4/1996 | 2.0 | Chromium | 1.93E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA5010502 | 9/4/1996 | 2.0 | Cobalt | 8.69E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Copper | 1.53E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Iron | 2.12E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Lead | 1.67E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Magnesium | 4.90E+03 | | NS | NS | No Standard | No Standard | |
| KGA5010502 | 9/4/1996 | 2.0 | Manganese | 2.46E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Mercury | 5.08E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Nickel | 9.03E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Phosphorus | 3.26E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA5010502 | 9/4/1996 | 2.0 | Potassium | 6.31E+03 | | NS | NS | No Standard | No Standard | |
| KGA5010502 | 9/4/1996 | 2.0 | Sodium | 9.51E+01 | J | NS | NS | No Standard | No Standard | |
| KGA5010502 | 9/4/1996 | 2.0 | Thallium | 7.94E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Vanadium | 5.22E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA5010502 | 9/4/1996 | 2.0 | Zinc | 6.48E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Aluminum | 1.52E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Antimony | 6.03E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Arsenic | 4.11E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA5010612 | 9/4/1996 | 12.0 | Barium | 1.39E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Beryllium | 6.87E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Cadmium | 6.98E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Calcium | 7.98E+03 | | NS | NS | No Standard | No Standard | |
| KGA5010612 | 9/4/1996 | 12.0 | Chromium | 1.01E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA5010612 | 9/4/1996 | 12.0 | Cobalt | 5.01E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Copper | 2.43E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Iron | 1.37E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Lead | 7.84E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Magnesium | 2.91E+03 | | NS | NS | No Standard | No Standard | |
| KGA5010612 | 9/4/1996 | 12.0 | Manganese | 1.98E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Mercury | 5.40E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Nickel | 4.57E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Phosphorus | 2.25E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA5010612 | 9/4/1996 | 12.0 | Potassium | 3.02E+03 | | NS | NS | No Standard | No Standard | |
| KGA5010612 | 9/4/1996 | 12.0 | Sodium | 1.10E+02 | J | NS | NS | No Standard | No Standard | |
| KGA5010612 | 9/4/1996 | 12.0 | Vanadium | 2.92E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA5010612 | 9/4/1996 | 12.0 | Zinc | 7.79E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA5021806 | 7/31/1996 | 6.0 | Aluminum | 1.36E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Arsenic | 3.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Barium | 1.27E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Beryllium | 6.54E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Cadmium | 6.86E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Calcium | 7.02E+03 | | NS | NS | No Standard | No Standard | |
| KGA5021806 | 7/31/1996 | 6.0 | Chromium | 8.91E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA5021806 | 7/31/1996 | 6.0 | Cobalt | 4.60E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Copper | 3.77E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Iron | 1.17E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Lead | 3.00E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Magnesium | 2.76E+03 | | NS | NS | No Standard | No Standard | |
| KGA5021806 | 7/31/1996 | 6.0 | Manganese | 1.78E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Mercury | 3.14E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Nickel | 5.23E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Phosphorus | 2.37E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA5021806 | 7/31/1996 | 6.0 | Potassium | 3.21E+03 | | NS | NS | No Standard | No Standard | |
| KGA5021806 | 7/31/1996 | 6.0 | Sodium | 9.83E+01 | J | NS | NS | No Standard | No Standard | |
| KGA5021806 | 7/31/1996 | 6.0 | Vanadium | 2.63E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA5021806 | 7/31/1996 | 6.0 | Zinc | 9.62E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Aluminum | 3.53E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Arsenic | 5.71E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA5021906 | 7/31/1996 | 6.0 | Barium | 1.69E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Beryllium | 1.45E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Calcium | 7.14E+03 | | NS | NS | No Standard | No Standard | |
| KGA5021906 | 7/31/1996 | 6.0 | Chromium | 2.02E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KGA5021906 | 7/31/1996 | 6.0 | Cobalt | 8.91E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Copper | 1.74E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Iron | 2.32E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Lead | 1.63E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Magnesium | 5.61E+03 | | NS | NS | No Standard | No Standard | |
| KGA5021906 | 7/31/1996 | 6.0 | Manganese | 2.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Mercury | 5.02E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Nickel | 1.10E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Phosphorus | 3.69E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA5021906 | 7/31/1996 | 6.0 | Potassium | 5.68E+03 | | NS | NS | No Standard | No Standard | |
| KGA5021906 | 7/31/1996 | 6.0 | RDX | 8.77E-01 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Sodium | 2.83E+02 | J | NS | NS | No Standard | No Standard | |
| KGA5021906 | 7/31/1996 | 6.0 | Vanadium | 5.52E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KGA5021906 | 7/31/1996 | 6.0 | Zinc | 7.33E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW090101 | 9/3/1996 | 1.0 | Aluminum | 2.09E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW090101 | 9/3/1996 | 1.0 | Arsenic | 4.89E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090101 | 9/3/1996 | 1.0 | Barium | 1.47E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW090101 | 9/3/1996 | 1.0 | Beryllium | 1.06E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW090101 | 9/3/1996 | 1.0 | Calcium | 4.37E+03 | | NS | NS | No Standard | No Standard | |
| KMW090101 | 9/3/1996 | 1.0 | Chromium | 1.46E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW090101 | 9/3/1996 | 1.0 | Cobalt | 8.89E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW090101 | 9/3/1996 | 1.0 | Copper | 1.96E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW090101 | 9/3/1996 | 1.0 | Iron | 1.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW090101 | 9/3/1996 | 1.0 | Lead | 1.63E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW090101 | 9/3/1996 | 1.0 | Magnesium | 3.97E+03 | | NS | NS | No Standard | No Standard | |
| KMW090101 | 9/3/1996 | 1.0 | Manganese | 2.42E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW090101 | 9/3/1996 | 1.0 | Mercury | 5.79E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW090101 | 9/3/1996 | 1.0 | Nickel | 9.90E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW090101 | 9/3/1996 | 1.0 | Potassium | 4.89E+03 | | NS | NS | No Standard | No Standard | |
| KMW090101 | 9/3/1996 | 1.0 | Sodium | 6.88E+01 | J | NS | NS | No Standard | No Standard | |
| KMW090101 | 9/3/1996 | 1.0 | Vanadium | 3.98E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW090101 | 9/3/1996 | 1.0 | Zinc | 7.09E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Aluminum | 9.17E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Aluminum | 8.91E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Arsenic | 5.53E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090205 | 9/3/1996 | 5.0 | Arsenic | 5.89E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090205 | 9/3/1996 | 5.0 | Barium | 2.01E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Barium | 1.86E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Beryllium | 6.15E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Beryllium | 5.73E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Calcium | 4.31E+03 | D | NS | NS | No Standard | No Standard | |
| KMW090205 | 9/3/1996 | 5.0 | Calcium | 4.31E+03 | | NS | NS | No Standard | No Standard | |
| KMW090205 | 9/3/1996 | 5.0 | Chromium | 7.92E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW090205 | 9/3/1996 | 5.0 | Chromium | 7.29E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW090205 | 9/3/1996 | 5.0 | Cobalt | 7.72E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Cobalt | 6.06E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Copper | 1.50E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Copper | 8.21E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Iron | 1.48E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Iron | 1.62E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Lead | 9.90E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Lead | 9.74E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Magnesium | 2.13E+03 | D | NS | NS | No Standard | No Standard | |
| KMW090205 | 9/3/1996 | 5.0 | Magnesium | 2.07E+03 | | NS | NS | No Standard | No Standard | |
| KMW090205 | 9/3/1996 | 5.0 | Manganese | 2.27E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Manganese | 2.26E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Mercury | 4.24E-02 | DJ | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Mercury | 4.16E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Nickel | 5.87E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Nickel | 6.90E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Phosphorus | 2.48E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090205 | 9/3/1996 | 5.0 | Phosphorus | 2.96E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW090205 | 9/3/1996 | 5.0 | Potassium | 1.73E+03 | D | NS | NS | No Standard | No Standard | |
| KMW090205 | 9/3/1996 | 5.0 | Potassium | 1.70E+03 | | NS | NS | No Standard | No Standard | |
| KMW090205 | 9/3/1996 | 5.0 | Sodium | 9.20E+01 | DJ | NS | NS | No Standard | No Standard | |
| KMW090205 | 9/3/1996 | 5.0 | Sodium | 9.01E+01 | J | NS | NS | No Standard | No Standard | |
| KMW090205 | 9/3/1996 | 5.0 | Vanadium | 2.61E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Vanadium | 2.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Zinc | 4.18E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW090205 | 9/3/1996 | 5.0 | Zinc | 4.03E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | 4-Amino-2,6-dinitrotoluene | 1.63E-01 | J | NS | NS | No Standard | No Standard | |
| KMW090310 | 9/3/1996 | 10.0 | Aluminum | 2.34E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Arsenic | 5.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090310 | 9/3/1996 | 10.0 | Barium | 1.52E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Beryllium | 1.18E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Calcium | 6.00E+03 | | NS | NS | No Standard | No Standard | |
| KMW090310 | 9/3/1996 | 10.0 | Chromium | 1.57E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW090310 | 9/3/1996 | 10.0 | Cobalt | 9.40E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Copper | 1.94E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Iron | 2.00E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Lead | 1.72E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Magnesium | 4.65E+03 | | NS | NS | No Standard | No Standard | |
| KMW090310 | 9/3/1996 | 10.0 | Manganese | 2.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Mercury | 8.10E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Nickel | 1.13E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Phosphorus | 3.95E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090310 | 9/3/1996 | 10.0 | Potassium | 3.95E+03 | | NS | NS | No Standard | No Standard | |
| KMW090310 | 9/3/1996 | 10.0 | Sodium | 1.60E+02 | J | NS | NS | No Standard | No Standard | |
| KMW090310 | 9/3/1996 | 10.0 | Thallium | 6.84E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Vanadium | 4.39E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW090310 | 9/3/1996 | 10.0 | Zinc | 7.35E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Aluminum | 1.29E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Arsenic | 4.99E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090415 | 9/3/1996 | 15.0 | Barium | 1.56E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Beryllium | 9.51E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Calcium | 6.72E+03 | | NS | NS | No Standard | No Standard | |
| KMW090415 | 9/3/1996 | 15.0 | Chromium | 1.02E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW090415 | 9/3/1996 | 15.0 | Cobalt | 7.72E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Copper | 1.26E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Iron | 1.68E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Lead | 1.26E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Magnesium | 3.05E+03 | | NS | NS | No Standard | No Standard | |
| KMW090415 | 9/3/1996 | 15.0 | Manganese | 2.69E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Mercury | 5.77E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Nickel | 8.17E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Phosphorus | 3.30E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW090415 | 9/3/1996 | 15.0 | Potassium | 2.01E+03 | | NS | NS | No Standard | No Standard | |
| KMW090415 | 9/3/1996 | 15.0 | Sodium | 1.43E+02 | J | NS | NS | No Standard | No Standard | |
| KMW090415 | 9/3/1996 | 15.0 | Vanadium | 2.93E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW090415 | 9/3/1996 | 15.0 | Zinc | 5.38E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Aluminum | 1.05E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Arsenic | 4.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090520 | 9/3/1996 | 20.0 | Barium | 2.55E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Beryllium | 6.16E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Calcium | 5.54E+03 | | NS | NS | No Standard | No Standard | |
| KMW090520 | 9/3/1996 | 20.0 | Chromium | 8.08E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW090520 | 9/3/1996 | 20.0 | Cobalt | 7.38E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Copper | 9.34E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Iron | 1.49E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Lead | 1.07E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Magnesium | 2.46E+03 | | NS | NS | No Standard | No Standard | |
| KMW090520 | 9/3/1996 | 20.0 | Manganese | 2.60E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Mercury | 4.38E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Nickel | 6.71E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Phosphorus | 3.11E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090520 | 9/3/1996 | 20.0 | Potassium | 1.73E+03 | | NS | NS | No Standard | No Standard | |
| KMW090520 | 9/3/1996 | 20.0 | Sodium | 1.27E+02 | J | NS | NS | No Standard | No Standard | |
| KMW090520 | 9/3/1996 | 20.0 | Vanadium | 2.59E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW090520 | 9/3/1996 | 20.0 | Zinc | 4.73E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Aluminum | 8.20E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Arsenic | 6.65E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090625 | 9/3/1996 | 25.0 | Barium | 1.96E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Beryllium | 6.14E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Calcium | 1.00E+04 | | NS | NS | No Standard | No Standard | |
| KMW090625 | 9/3/1996 | 25.0 | Chromium | 6.76E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW090625 | 9/3/1996 | 25.0 | Cobalt | 7.36E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Copper | 7.31E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Iron | 2.01E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Lead | 1.01E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Magnesium | 2.00E+03 | | NS | NS | No Standard | No Standard | |
| KMW090625 | 9/3/1996 | 25.0 | Manganese | 5.23E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Mercury | 4.44E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Nickel | 6.99E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Phosphorus | 2.70E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090625 | 9/3/1996 | 25.0 | Potassium | 1.33E+03 | | NS | NS | No Standard | No Standard | |
| KMW090625 | 9/3/1996 | 25.0 | Sodium | 1.06E+02 | J | NS | NS | No Standard | No Standard | |
| KMW090625 | 9/3/1996 | 25.0 | Vanadium | 2.67E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW090625 | 9/3/1996 | 25.0 | Zinc | 4.50E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Aluminum | 1.49E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Arsenic | 4.01E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW090730 | 9/3/1996 | 30.0 | Barium | 1.78E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Beryllium | 9.32E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Calcium | 3.57E+03 | | NS | NS | No Standard | No Standard | |
| KMW090730 | 9/3/1996 | 30.0 | Chromium | 1.30E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW090730 | 9/3/1996 | 30.0 | Cobalt | 5.78E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Copper | 3.40E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Iron | 1.10E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Lead | 1.21E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Magnesium | 2.93E+03 | | NS | NS | No Standard | No Standard | |
| KMW090730 | 9/3/1996 | 30.0 | Manganese | 1.06E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Mercury | 4.73E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Nickel | 7.47E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Phosphorus | 1.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090730 | 9/3/1996 | 30.0 | Potassium | 2.43E+03 | | NS | NS | No Standard | No Standard | |
| KMW090730 | 9/3/1996 | 30.0 | Sodium | 3.72E+02 | J | NS | NS | No Standard | No Standard | |
| KMW090730 | 9/3/1996 | 30.0 | Vanadium | 2.93E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW090730 | 9/3/1996 | 30.0 | Zinc | 6.43E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | 1,3,5-Trinitrobenzene | 1.80E-01 | J | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KMW090835 | 9/3/1996 | 35.0 | Aluminum | 1.14E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | Arsenic | 5.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090835 | 9/3/1996 | 35.0 | Barium | 2.25E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | Beryllium | 8.82E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | Calcium | 4.79E+03 | | NS | NS | No Standard | No Standard | |
| KMW090835 | 9/3/1996 | 35.0 | Chromium | 1.06E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW090835 | 9/3/1996 | 35.0 | Cobalt | 8.45E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | Copper | 9.56E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | Iron | 6.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW090835 | 9/3/1996 | 35.0 | Lead | 1.05E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | Magnesium | 3.07E+03 | | NS | NS | No Standard | No Standard | |
| KMW090835 | 9/3/1996 | 35.0 | Manganese | 6.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | Mercury | 5.50E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | Nickel | 7.37E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | Phosphorus | 2.84E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090835 | 9/3/1996 | 35.0 | Potassium | 1.66E+03 | | NS | NS | No Standard | No Standard | |
| KMW090835 | 9/3/1996 | 35.0 | Sodium | 2.06E+02 | J | NS | NS | No Standard | No Standard | |
| KMW090835 | 9/3/1996 | 35.0 | Thallium | 2.77E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | Vanadium | 3.11E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW090835 | 9/3/1996 | 35.0 | Zinc | 4.02E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Aluminum | 2.11E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Arsenic | 7.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090940 | 9/3/1996 | 40.0 | Barium | 2.57E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Beryllium | 9.20E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Calcium | 4.47E+03 | | NS | NS | No Standard | No Standard | |
| KMW090940 | 9/3/1996 | 40.0 | Chromium | 1.49E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW090940 | 9/3/1996 | 40.0 | Cobalt | 6.56E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Copper | 9.97E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Iron | 2.73E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW090940 | 9/3/1996 | 40.0 | Lead | 2.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Magnesium | 6.18E+03 | | NS | NS | No Standard | No Standard | |
| KMW090940 | 9/3/1996 | 40.0 | Manganese | 7.89E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Mercury | 3.63E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Nickel | 9.21E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Phosphorus | 5.88E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090940 | 9/3/1996 | 40.0 | Potassium | 3.94E+03 | | NS | NS | No Standard | No Standard | |
| KMW090940 | 9/3/1996 | 40.0 | Sodium | 2.85E+02 | J | NS | NS | No Standard | No Standard | |
| KMW090940 | 9/3/1996 | 40.0 | Thallium | 8.03E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Vanadium | 2.74E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW090940 | 9/3/1996 | 40.0 | Zinc | 6.35E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Aluminum | 7.74E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Arsenic | 2.86E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Barium | 1.20E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Beryllium | 4.49E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Cadmium | 1.02E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Calcium | 5.08E+03 | | NS | NS | No Standard | No Standard | |
| KMW100101 | 8/22/1996 | 1.0 | Chromium | 5.68E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW100101 | 8/22/1996 | 1.0 | Cobalt | 3.33E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Copper | 1.55E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Iron | 8.08E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Lead | 7.22E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Magnesium | 1.67E+03 | | NS | NS | No Standard | No Standard | |
| KMW100101 | 8/22/1996 | 1.0 | Manganese | 1.80E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Mercury | 3.12E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Nickel | 1.84E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Phosphorus | 1.54E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100101 | 8/22/1996 | 1.0 | Potassium | 2.22E+03 | | NS | NS | No Standard | No Standard | |
| KMW100101 | 8/22/1996 | 1.0 | Sodium | 2.46E+01 | J | NS | NS | No Standard | No Standard | |
| KMW100101 | 8/22/1996 | 1.0 | Vanadium | 1.87E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW100101 | 8/22/1996 | 1.0 | Zinc | 8.29E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Aluminum | 2.19E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Arsenic | 5.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100205 | 8/22/1996 | 5.0 | Barium | 1.66E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Beryllium | 1.11E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Calcium | 9.06E+03 | | NS | NS | No Standard | No Standard | |
| KMW100205 | 8/22/1996 | 5.0 | Chromium | 1.47E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW100205 | 8/22/1996 | 5.0 | Cobalt | 8.20E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Copper | 1.62E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Iron | 1.88E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Lead | 1.51E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW100205 | 8/22/1996 | 5.0 | Magnesium | 4.64E+03 | | NS | NS | No Standard | No Standard | |
| KMW100205 | 8/22/1996 | 5.0 | Manganese | 2.58E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Mercury | 5.17E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Nickel | 8.92E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Phosphorus | 3.21E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100205 | 8/22/1996 | 5.0 | Potassium | 4.44E+03 | | NS | NS | No Standard | No Standard | |
| KMW100205 | 8/22/1996 | 5.0 | Silver | 5.71E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Sodium | 1.16E+02 | J | NS | NS | No Standard | No Standard | |
| KMW100205 | 8/22/1996 | 5.0 | Vanadium | 4.13E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW100205 | 8/22/1996 | 5.0 | Zinc | 1.32E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Aluminum | 1.12E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Aluminum | 9.74E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Antimony | 4.28E+00 | DJ | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Arsenic | 5.37E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100310 | 8/22/1996 | 10.0 | Arsenic | 5.06E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100310 | 8/22/1996 | 10.0 | Barium | 1.69E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Barium | 1.72E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Beryllium | 8.36E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Beryllium | 7.92E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Calcium | 6.34E+03 | D | NS | NS | No Standard | No Standard | |
| KMW100310 | 8/22/1996 | 10.0 | Calcium | 6.10E+03 | | NS | NS | No Standard | No Standard | |
| KMW100310 | 8/22/1996 | 10.0 | Chromium | 9.48E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW100310 | 8/22/1996 | 10.0 | Chromium | 8.54E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW100310 | 8/22/1996 | 10.0 | Cobalt | 8.00E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Cobalt | 7.44E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Copper | 1.09E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Copper | 1.07E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Iron | 1.56E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Iron | 1.51E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Lead | 1.15E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Lead | 1.11E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Magnesium | 2.62E+03 | D | NS | NS | No Standard | No Standard | |
| KMW100310 | 8/22/1996 | 10.0 | Magnesium | 2.47E+03 | | NS | NS | No Standard | No Standard | |
| KMW100310 | 8/22/1996 | 10.0 | Manganese | 2.45E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Manganese | 2.19E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Mercury | 5.28E-02 | DJ | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Mercury | 5.10E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Nickel | 8.02E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Nickel | 7.21E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Phosphorus | 2.92E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100310 | 8/22/1996 | 10.0 | Phosphorus | 2.56E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100310 | 8/22/1996 | 10.0 | Potassium | 1.81E+03 | D | NS | NS | No Standard | No Standard | |
| KMW100310 | 8/22/1996 | 10.0 | Potassium | 1.57E+03 | | NS | NS | No Standard | No Standard | |
| KMW100310 | 8/22/1996 | 10.0 | Silver | 6.04E-01 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW100310 | 8/22/1996 | 10.0 | Silver | 4.41E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Sodium | 1.52E+02 | DJ | NS | NS | No Standard | No Standard | |
| KMW100310 | 8/22/1996 | 10.0 | Sodium | 1.42E+02 | J | NS | NS | No Standard | No Standard | |
| KMW100310 | 8/22/1996 | 10.0 | Vanadium | 2.67E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Vanadium | 2.49E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Zinc | 4.95E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW100310 | 8/22/1996 | 10.0 | Zinc | 4.64E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Aluminum | 1.13E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Arsenic | 5.36E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100415 | 8/22/1996 | 15.0 | Barium | 1.47E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Beryllium | 8.10E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Calcium | 8.01E+03 | | NS | NS | No Standard | No Standard | |
| KMW100415 | 8/22/1996 | 15.0 | Chromium | 9.19E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW100415 | 8/22/1996 | 15.0 | Cobalt | 7.83E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Copper | 1.04E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Iron | 1.51E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Lead | 1.07E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Magnesium | 2.46E+03 | | NS | NS | No Standard | No Standard | |
| KMW100415 | 8/22/1996 | 15.0 | Manganese | 2.25E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Mercury | 4.13E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Nickel | 6.56E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Phosphorus | 2.36E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100415 | 8/22/1996 | 15.0 | Potassium | 2.04E+03 | | NS | NS | No Standard | No Standard | |
| KMW100415 | 8/22/1996 | 15.0 | Silver | 4.50E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Sodium | 1.19E+02 | J | NS | NS | No Standard | No Standard | |
| KMW100415 | 8/22/1996 | 15.0 | Vanadium | 2.61E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW100415 | 8/22/1996 | 15.0 | Zinc | 5.11E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Aluminum | 9.26E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Antimony | 3.52E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Arsenic | 4.24E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100520 | 8/22/1996 | 20.0 | Barium | 1.99E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Beryllium | 5.61E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Calcium | 8.02E+03 | | NS | NS | No Standard | No Standard | |
| KMW100520 | 8/22/1996 | 20.0 | Chromium | 7.79E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW100520 | 8/22/1996 | 20.0 | Cobalt | 5.39E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Copper | 7.58E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Iron | 1.19E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Lead | 8.30E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Magnesium | 2.08E+03 | | NS | NS | No Standard | No Standard | |
| KMW100520 | 8/22/1996 | 20.0 | Manganese | 2.04E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Mercury | 3.08E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Nickel | 5.79E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Phosphorus | 2.36E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100520 | 8/22/1996 | 20.0 | Potassium | 1.69E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW100520 | 8/22/1996 | 20.0 | Silver | 4.56E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Sodium | 1.14E+02 | J | NS | NS | No Standard | No Standard | |
| KMW100520 | 8/22/1996 | 20.0 | Vanadium | 2.11E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW100520 | 8/22/1996 | 20.0 | Zinc | 3.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Aluminum | 8.82E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Arsenic | 9.15E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100625 | 8/22/1996 | 25.0 | Barium | 3.01E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Beryllium | 8.15E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Calcium | 1.28E+04 | | NS | NS | No Standard | No Standard | |
| KMW100625 | 8/22/1996 | 25.0 | Chromium | 7.83E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW100625 | 8/22/1996 | 25.0 | Cobalt | 7.35E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Copper | 8.92E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Iron | 3.42E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW100625 | 8/22/1996 | 25.0 | Lead | 1.01E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Magnesium | 2.14E+03 | | NS | NS | No Standard | No Standard | |
| KMW100625 | 8/22/1996 | 25.0 | Manganese | 8.23E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Mercury | 3.19E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Nickel | 6.31E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Phosphorus | 2.45E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100625 | 8/22/1996 | 25.0 | Potassium | 1.38E+03 | | NS | NS | No Standard | No Standard | |
| KMW100625 | 8/22/1996 | 25.0 | Silver | 5.96E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Sodium | 1.72E+02 | J | NS | NS | No Standard | No Standard | |
| KMW100625 | 8/22/1996 | 25.0 | Vanadium | 2.62E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW100625 | 8/22/1996 | 25.0 | Zinc | 4.28E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Aluminum | 1.31E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Arsenic | 2.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Barium | 1.16E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Beryllium | 7.62E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Calcium | 6.91E+03 | | NS | NS | No Standard | No Standard | |
| KMW100730 | 8/22/1996 | 30.0 | Chromium | 1.12E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW100730 | 8/22/1996 | 30.0 | Cobalt | 5.94E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Copper | 8.61E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Iron | 1.01E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Lead | 9.78E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Magnesium | 3.00E+03 | | NS | NS | No Standard | No Standard | |
| KMW100730 | 8/22/1996 | 30.0 | Manganese | 8.13E+01 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Nickel | 7.45E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Phosphorus | 2.08E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100730 | 8/22/1996 | 30.0 | Potassium | 2.15E+03 | | NS | NS | No Standard | No Standard | |
| KMW100730 | 8/22/1996 | 30.0 | Sodium | 3.60E+02 | J | NS | NS | No Standard | No Standard | |
| KMW100730 | 8/22/1996 | 30.0 | Vanadium | 2.72E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW100730 | 8/22/1996 | 30.0 | Zinc | 3.58E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW100835 | 8/22/1996 | 35.0 | Aluminum | 6.22E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW100835 | 8/22/1996 | 35.0 | Arsenic | 5.72E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW100835 | 8/22/1996 | 35.0 | Barium | 9.95E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW100835 | 8/22/1996 | 35.0 | Beryllium | 2.99E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW100835 | 8/22/1996 | 35.0 | Calcium | 1.41E+04 | | NS | NS | No Standard | No Standard | |
| KMW100835 | 8/22/1996 | 35.0 | Chromium | 3.68E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW100835 | 8/22/1996 | 35.0 | Cobalt | 3.06E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW100835 | 8/22/1996 | 35.0 | Copper | 3.90E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW100835 | 8/22/1996 | 35.0 | Iron | 5.61E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW100835 | 8/22/1996 | 35.0 | Lead | 2.90E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW100835 | 8/22/1996 | 35.0 | Magnesium | 2.14E+03 | | NS | NS | No Standard | No Standard | |
| KMW100835 | 8/22/1996 | 35.0 | Manganese | 1.68E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW100835 | 8/22/1996 | 35.0 | Nickel | 3.46E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW100835 | 8/22/1996 | 35.0 | Phosphorus | 1.40E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100835 | 8/22/1996 | 35.0 | Potassium | 1.22E+03 | | NS | NS | No Standard | No Standard | |
| KMW100835 | 8/22/1996 | 35.0 | Sodium | 1.05E+02 | J | NS | NS | No Standard | No Standard | |
| KMW100835 | 8/22/1996 | 35.0 | Vanadium | 9.57E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW100835 | 8/22/1996 | 35.0 | Zinc | 1.34E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Aluminum | 9.16E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Arsenic | 3.37E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Barium | 1.62E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Beryllium | 4.02E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Cadmium | 5.46E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Calcium | 3.92E+03 | | NS | NS | No Standard | No Standard | |
| KMW110101 | 8/6/1996 | 1.0 | Chromium | 7.28E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW110101 | 8/6/1996 | 1.0 | Cobalt | 3.98E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Copper | 1.35E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Iron | 1.42E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Lead | 1.22E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Magnesium | 1.97E+03 | | NS | NS | No Standard | No Standard | |
| KMW110101 | 8/6/1996 | 1.0 | Manganese | 3.07E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Mercury | 5.73E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Molybdenum | 2.12E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Nickel | 5.18E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Phosphorus | 2.37E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110101 | 8/6/1996 | 1.0 | Potassium | 2.48E+03 | | NS | NS | No Standard | No Standard | |
| KMW110101 | 8/6/1996 | 1.0 | Selenium | 6.36E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Sodium | 5.65E+01 | J | NS | NS | No Standard | No Standard | |
| KMW110101 | 8/6/1996 | 1.0 | Vanadium | 2.18E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW110101 | 8/6/1996 | 1.0 | Zinc | 8.46E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | 4-Amino-2,6-dinitrotoluene | 5.26E-01 | DJ | NS | NS | No Standard | No Standard | |
| KMW110205 | 8/6/1996 | 5.0 | 4-Amino-2,6-dinitrotoluene | 5.96E-01 | J | NS | NS | No Standard | No Standard | |
| KMW110205 | 8/6/1996 | 5.0 | Aluminum | 1.24E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Aluminum | 1.39E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Arsenic | 6.35E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110205 | 8/6/1996 | 5.0 | Arsenic | 7.82E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW110205 | 8/6/1996 | 5.0 | Barium | 2.42E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Barium | 2.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Beryllium | 6.97E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Beryllium | 6.37E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Cadmium | 2.22E-01 | DJ | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Cadmium | 1.72E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Calcium | 4.07E+03 | D | NS | NS | No Standard | No Standard | |
| KMW110205 | 8/6/1996 | 5.0 | Calcium | 4.51E+03 | | NS | NS | No Standard | No Standard | |
| KMW110205 | 8/6/1996 | 5.0 | Chromium | 1.02E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW110205 | 8/6/1996 | 5.0 | Chromium | 1.14E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW110205 | 8/6/1996 | 5.0 | Cobalt | 6.35E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Cobalt | 5.77E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Copper | 8.39E+00 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Copper | 8.63E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Iron | 2.43E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110205 | 8/6/1996 | 5.0 | Iron | 1.86E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Lead | 1.19E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Lead | 1.08E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Magnesium | 2.55E+03 | D | NS | NS | No Standard | No Standard | |
| KMW110205 | 8/6/1996 | 5.0 | Magnesium | 2.73E+03 | | NS | NS | No Standard | No Standard | |
| KMW110205 | 8/6/1996 | 5.0 | Manganese | 6.07E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Manganese | 3.34E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Molybdenum | 2.21E+00 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Molybdenum | 1.41E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Nickel | 9.05E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Nickel | 8.72E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Phosphorus | 4.36E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110205 | 8/6/1996 | 5.0 | Phosphorus | 3.15E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110205 | 8/6/1996 | 5.0 | Potassium | 3.00E+03 | D | NS | NS | No Standard | No Standard | |
| KMW110205 | 8/6/1996 | 5.0 | Potassium | 3.14E+03 | | NS | NS | No Standard | No Standard | |
| KMW110205 | 8/6/1996 | 5.0 | Selenium | 5.01E-01 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Selenium | 6.18E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Sodium | 4.77E+01 | DJ | NS | NS | No Standard | No Standard | |
| KMW110205 | 8/6/1996 | 5.0 | Sodium | 4.99E+01 | J | NS | NS | No Standard | No Standard | |
| KMW110205 | 8/6/1996 | 5.0 | Vanadium | 3.08E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Vanadium | 2.81E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Zinc | 5.01E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW110205 | 8/6/1996 | 5.0 | Zinc | 4.56E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | 4-Amino-2,6-dinitrotoluene | 4.83E-01 | J | NS | NS | No Standard | No Standard | |
| KMW110310 | 8/6/1996 | 10.0 | Aluminum | 1.41E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Arsenic | 5.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110310 | 8/6/1996 | 10.0 | Barium | 2.00E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Beryllium | 7.25E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Cadmium | 1.64E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW110310 | 8/6/1996 | 10.0 | Calcium | 7.88E+03 | | NS | NS | No Standard | No Standard | |
| KMW110310 | 8/6/1996 | 10.0 | Chromium | 1.16E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW110310 | 8/6/1996 | 10.0 | Cobalt | 6.88E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Copper | 9.48E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Iron | 1.75E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Lead | 1.09E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Magnesium | 3.04E+03 | | NS | NS | No Standard | No Standard | |
| KMW110310 | 8/6/1996 | 10.0 | Manganese | 2.93E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Molybdenum | 3.15E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Nickel | 9.46E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Phosphorus | 2.70E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110310 | 8/6/1996 | 10.0 | Potassium | 2.40E+03 | | NS | NS | No Standard | No Standard | |
| KMW110310 | 8/6/1996 | 10.0 | Selenium | 4.88E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Sodium | 2.55E+02 | J | NS | NS | No Standard | No Standard | |
| KMW110310 | 8/6/1996 | 10.0 | Vanadium | 3.07E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW110310 | 8/6/1996 | 10.0 | Zinc | 4.33E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | 4-Nitrotoluene | 4.52E-01 | J | 1.46E+02 | 3.77E+01 | 1.46E+02 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Aluminum | 4.48E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Arsenic | 8.47E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110415 | 8/6/1996 | 15.0 | Barium | 1.01E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Beryllium | 1.08E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Cadmium | 2.69E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Calcium | 3.30E+04 | | NS | NS | No Standard | No Standard | |
| KMW110415 | 8/6/1996 | 15.0 | Chromium | 1.72E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW110415 | 8/6/1996 | 15.0 | Cobalt | 8.99E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Copper | 9.78E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Iron | 2.72E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110415 | 8/6/1996 | 15.0 | Lead | 1.32E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Magnesium | 1.27E+04 | | NS | NS | No Standard | No Standard | |
| KMW110415 | 8/6/1996 | 15.0 | Manganese | 4.55E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Nickel | 2.64E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Phosphorus | 4.32E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110415 | 8/6/1996 | 15.0 | Potassium | 8.54E+03 | | NS | NS | No Standard | No Standard | |
| KMW110415 | 8/6/1996 | 15.0 | Sodium | 5.87E+03 | | NS | NS | No Standard | No Standard | |
| KMW110415 | 8/6/1996 | 15.0 | Thallium | 6.74E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Vanadium | 6.65E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW110415 | 8/6/1996 | 15.0 | Zinc | 3.71E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW110520 | 8/6/1996 | 20.0 | Aluminum | 5.18E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW110520 | 8/6/1996 | 20.0 | Arsenic | 1.21E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110520 | 8/6/1996 | 20.0 | Barium | 3.25E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW110520 | 8/6/1996 | 20.0 | Beryllium | 1.13E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW110520 | 8/6/1996 | 20.0 | Cadmium | 3.19E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW110520 | 8/6/1996 | 20.0 | Calcium | 1.87E+04 | | NS | NS | No Standard | No Standard | |
| KMW110520 | 8/6/1996 | 20.0 | Chromium | 1.75E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW110520 | 8/6/1996 | 20.0 | Cobalt | 1.19E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW110520 | 8/6/1996 | 20.0 | Copper | 1.19E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW110520 | 8/6/1996 | 20.0 | Iron | 3.33E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110520 | 8/6/1996 | 20.0 | Lead | 1.62E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW110520 | 8/6/1996 | 20.0 | Magnesium | 1.45E+04 | | NS | NS | No Standard | No Standard | |
| KMW110520 | 8/6/1996 | 20.0 | Manganese | 4.11E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW110520 | 8/6/1996 | 20.0 | Molybdenum | 2.74E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW110520 | 8/6/1996 | 20.0 | Nickel | 2.88E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW110520 | 8/6/1996 | 20.0 | Phosphorus | 4.96E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110520 | 8/6/1996 | 20.0 | Potassium | 8.36E+03 | | NS | NS | No Standard | No Standard | |
| KMW110520 | 8/6/1996 | 20.0 | Sodium | 1.12E+04 | | NS | NS | No Standard | No Standard | |
| KMW110520 | 8/6/1996 | 20.0 | Vanadium | 8.46E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| KMW110520 | 8/6/1996 | 20.0 | Zinc | 4.30E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW110625 | 8/6/1996 | 25.0 | Aluminum | 5.25E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW110625 | 8/6/1996 | 25.0 | Arsenic | 1.00E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110625 | 8/6/1996 | 25.0 | Barium | 2.34E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW110625 | 8/6/1996 | 25.0 | Beryllium | 1.36E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW110625 | 8/6/1996 | 25.0 | Cadmium | 3.05E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW110625 | 8/6/1996 | 25.0 | Calcium | 3.24E+04 | | NS | NS | No Standard | No Standard | |
| KMW110625 | 8/6/1996 | 25.0 | Chromium | 2.09E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW110625 | 8/6/1996 | 25.0 | Cobalt | 1.19E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW110625 | 8/6/1996 | 25.0 | Copper | 9.71E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW110625 | 8/6/1996 | 25.0 | Iron | 3.03E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110625 | 8/6/1996 | 25.0 | Lead | 1.36E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW110625 | 8/6/1996 | 25.0 | Magnesium | 1.78E+04 | | NS | NS | No Standard | No Standard | |
| KMW110625 | 8/6/1996 | 25.0 | Manganese | 4.76E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW110625 | 8/6/1996 | 25.0 | Nickel | 2.72E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW110625 | 8/6/1996 | 25.0 | Phosphorus | 5.24E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110625 | 8/6/1996 | 25.0 | Potassium | 9.70E+03 | | NS | NS | No Standard | No Standard | |
| KMW110625 | 8/6/1996 | 25.0 | Sodium | 6.95E+03 | | NS | NS | No Standard | No Standard | |
| KMW110625 | 8/6/1996 | 25.0 | Vanadium | 8.87E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| KMW110625 | 8/6/1996 | 25.0 | Zinc | 4.60E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Aluminum | 2.28E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Arsenic | 1.41E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110730 | 8/6/1996 | 30.0 | Barium | 3.20E+03 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Beryllium | 6.00E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Cadmium | 1.34E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Calcium | 5.24E+04 | | NS | NS | No Standard | No Standard | |
| KMW110730 | 8/6/1996 | 30.0 | Chromium | 1.53E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW110730 | 8/6/1996 | 30.0 | Cobalt | 9.80E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Copper | 9.11E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Iron | 1.60E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Lead | 6.96E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Magnesium | 1.53E+04 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW110730 | 8/6/1996 | 30.0 | Manganese | 7.75E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Nickel | 1.91E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Phosphorus | 4.31E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110730 | 8/6/1996 | 30.0 | Potassium | 2.64E+03 | | NS | NS | No Standard | No Standard | |
| KMW110730 | 8/6/1996 | 30.0 | Sodium | 1.54E+03 | | NS | NS | No Standard | No Standard | |
| KMW110730 | 8/6/1996 | 30.0 | Vanadium | 7.57E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW110730 | 8/6/1996 | 30.0 | Zinc | 3.25E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Aluminum | 5.37E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Antimony | 4.60E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Arsenic | 1.37E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110835 | 8/6/1996 | 35.0 | Barium | 6.30E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Beryllium | 1.21E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Cadmium | 2.35E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Calcium | 2.00E+04 | | NS | NS | No Standard | No Standard | |
| KMW110835 | 8/6/1996 | 35.0 | Chromium | 1.99E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW110835 | 8/6/1996 | 35.0 | Cobalt | 1.19E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Copper | 1.12E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Iron | 3.19E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110835 | 8/6/1996 | 35.0 | Lead | 1.21E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Magnesium | 1.57E+04 | | NS | NS | No Standard | No Standard | |
| KMW110835 | 8/6/1996 | 35.0 | Manganese | 4.08E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Molybdenum | 2.72E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Nickel | 2.78E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Phosphorus | 5.27E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110835 | 8/6/1996 | 35.0 | Potassium | 9.39E+03 | | NS | NS | No Standard | No Standard | |
| KMW110835 | 8/6/1996 | 35.0 | Sodium | 9.50E+03 | | NS | NS | No Standard | No Standard | |
| KMW110835 | 8/6/1996 | 35.0 | Thallium | 8.90E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW110835 | 8/6/1996 | 35.0 | Vanadium | 8.59E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| KMW110835 | 8/6/1996 | 35.0 | Zinc | 4.38E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Aluminum | 4.92E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Arsenic | 1.18E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110940 | 8/6/1996 | 40.0 | Barium | 2.98E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Beryllium | 1.39E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Cadmium | 2.63E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Calcium | 4.81E+04 | | NS | NS | No Standard | No Standard | |
| KMW110940 | 8/6/1996 | 40.0 | Chromium | 2.17E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW110940 | 8/6/1996 | 40.0 | Cobalt | 1.03E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Copper | 8.80E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Iron | 2.87E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110940 | 8/6/1996 | 40.0 | Lead | 9.12E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Magnesium | 1.66E+04 | | NS | NS | No Standard | No Standard | |
| KMW110940 | 8/6/1996 | 40.0 | Manganese | 6.64E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Molybdenum | 1.41E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Nickel | 2.64E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW110940 | 8/6/1996 | 40.0 | Phosphorus | 7.02E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110940 | 8/6/1996 | 40.0 | Potassium | 1.03E+04 | | NS | NS | No Standard | No Standard | |
| KMW110940 | 8/6/1996 | 40.0 | Sodium | 5.83E+03 | | NS | NS | No Standard | No Standard | |
| KMW110940 | 8/6/1996 | 40.0 | Thallium | 1.08E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Vanadium | 6.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW110940 | 8/6/1996 | 40.0 | Zinc | 4.06E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Aluminum | 4.72E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Arsenic | 5.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW111045 | 8/6/1996 | 45.0 | Barium | 4.26E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Beryllium | 1.27E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Cadmium | 3.01E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Calcium | 9.80E+04 | | NS | NS | No Standard | No Standard | |
| KMW111045 | 8/6/1996 | 45.0 | Chromium | 1.98E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW111045 | 8/6/1996 | 45.0 | Cobalt | 7.92E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Copper | 6.74E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Iron | 2.63E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW111045 | 8/6/1996 | 45.0 | Lead | 1.43E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Magnesium | 1.52E+04 | | NS | NS | No Standard | No Standard | |
| KMW111045 | 8/6/1996 | 45.0 | Manganese | 7.34E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Molybdenum | 2.91E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Nickel | 2.32E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Phosphorus | 5.83E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW111045 | 8/6/1996 | 45.0 | Potassium | 1.20E+04 | | NS | NS | No Standard | No Standard | |
| KMW111045 | 8/6/1996 | 45.0 | Sodium | 4.44E+03 | | NS | NS | No Standard | No Standard | |
| KMW111045 | 8/6/1996 | 45.0 | Thallium | 1.03E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Vanadium | 4.21E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW111045 | 8/6/1996 | 45.0 | Zinc | 3.67E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Aluminum | 5.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Arsenic | 4.39E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW111150 | 8/6/1996 | 50.0 | Barium | 3.50E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Beryllium | 1.30E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Cadmium | 3.03E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Calcium | 4.87E+04 | | NS | NS | No Standard | No Standard | |
| KMW111150 | 8/6/1996 | 50.0 | Chromium | 2.40E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW111150 | 8/6/1996 | 50.0 | Cobalt | 1.08E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Copper | 6.25E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Iron | 2.91E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW111150 | 8/6/1996 | 50.0 | Lead | 1.55E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Magnesium | 1.60E+04 | | NS | NS | No Standard | No Standard | |
| KMW111150 | 8/6/1996 | 50.0 | Manganese | 6.91E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Molybdenum | 2.35E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Nickel | 2.61E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Phosphorus | 5.75E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW111150 | 8/6/1996 | 50.0 | Potassium | 1.20E+04 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW111150 | 8/6/1996 | 50.0 | Sodium | 6.29E+03 | | NS | NS | No Standard | No Standard | |
| KMW111150 | 8/6/1996 | 50.0 | Thallium | 9.26E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Vanadium | 5.43E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW111150 | 8/6/1996 | 50.0 | Zinc | 4.18E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Aluminum | 6.90E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Arsenic | 6.05E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW111255 | 8/6/1996 | 55.0 | Barium | 3.59E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Beryllium | 1.46E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Cadmium | 3.84E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Calcium | 2.11E+04 | | NS | NS | No Standard | No Standard | |
| KMW111255 | 8/6/1996 | 55.0 | Chromium | 3.14E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW111255 | 8/6/1996 | 55.0 | Cobalt | 1.17E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Copper | 6.89E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Iron | 3.91E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW111255 | 8/6/1996 | 55.0 | Lead | 1.49E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Magnesium | 1.73E+04 | | NS | NS | No Standard | No Standard | |
| KMW111255 | 8/6/1996 | 55.0 | Manganese | 4.31E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Molybdenum | 2.64E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Nickel | 3.28E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Phosphorus | 4.76E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW111255 | 8/6/1996 | 55.0 | Potassium | 1.18E+04 | | NS | NS | No Standard | No Standard | |
| KMW111255 | 8/6/1996 | 55.0 | Sodium | 1.05E+04 | | NS | NS | No Standard | No Standard | |
| KMW111255 | 8/6/1996 | 55.0 | Thallium | 1.33E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW111255 | 8/6/1996 | 55.0 | Vanadium | 8.64E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| KMW111255 | 8/6/1996 | 55.0 | Zinc | 5.14E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Aluminum | 6.60E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Arsenic | 3.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Barium | 4.67E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Beryllium | 1.47E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Cadmium | 6.28E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Calcium | 1.74E+04 | | NS | NS | No Standard | No Standard | |
| KMW111358 | 8/7/1996 | 58.0 | Chromium | 4.13E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW111358 | 8/7/1996 | 58.0 | Cobalt | 1.25E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Copper | 5.72E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Iron | 4.03E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW111358 | 8/7/1996 | 58.0 | Lead | 1.12E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Magnesium | 1.83E+04 | | NS | NS | No Standard | No Standard | |
| KMW111358 | 8/7/1996 | 58.0 | Manganese | 3.81E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Nickel | 3.04E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Phosphorus | 6.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW111358 | 8/7/1996 | 58.0 | Potassium | 1.70E+04 | | NS | NS | No Standard | No Standard | |
| KMW111358 | 8/7/1996 | 58.0 | Sodium | 5.50E+03 | | NS | NS | No Standard | No Standard | |
| KMW111358 | 8/7/1996 | 58.0 | Thallium | 1.41E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW111358 | 8/7/1996 | 58.0 | Vanadium | 1.08E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW111358 | 8/7/1996 | 58.0 | Zinc | 5.38E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Aluminum | 6.97E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Antimony | 5.65E-02 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Arsenic | 4.51E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Barium | 1.50E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Beryllium | 3.58E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Cadmium | 1.06E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Calcium | 1.01E+04 | | NS | NS | No Standard | No Standard | |
| KMW120110 | 8/3/1998 | 10.0 | Chromium | 6.65E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW120110 | 8/3/1998 | 10.0 | Cobalt | 6.65E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Copper | 1.50E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Iron | 1.39E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Lead | 5.67E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Magnesium | 2.79E+03 | | NS | NS | No Standard | No Standard | |
| KMW120110 | 8/3/1998 | 10.0 | Manganese | 2.14E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Mercury | 3.78E-02 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Nickel | 9.00E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Potassium | 1.03E+03 | | NS | NS | No Standard | No Standard | |
| KMW120110 | 8/3/1998 | 10.0 | Silver | 2.74E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Sodium | 4.18E+02 | | NS | NS | No Standard | No Standard | |
| KMW120110 | 8/3/1998 | 10.0 | Thallium | 1.36E-02 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Vanadium | 2.04E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW120110 | 8/3/1998 | 10.0 | Zinc | 5.79E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Aluminum | 8.38E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Arsenic | 2.18E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Barium | 1.61E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Beryllium | 1.40E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Cadmium | 2.14E-02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Calcium | 7.41E+03 | | NS | NS | No Standard | No Standard | |
| KMW12SO56 | 8/6/1998 | 56.0 | Chromium | 7.52E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW12SO56 | 8/6/1998 | 56.0 | Cobalt | 9.77E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Copper | 1.50E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Iron | 2.04E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Lead | 7.10E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Magnesium | 5.37E+03 | | NS | NS | No Standard | No Standard | |
| KMW12SO56 | 8/6/1998 | 56.0 | Manganese | 2.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Nickel | 1.50E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Potassium | 1.83E+03 | | NS | NS | No Standard | No Standard | |
| KMW12SO56 | 8/6/1998 | 56.0 | Sodium | 1.18E+03 | | NS | NS | No Standard | No Standard | |
| KMW12SO56 | 8/6/1998 | 56.0 | Thallium | 5.10E-02 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Vanadium | 1.40E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW12SO56 | 8/6/1998 | 56.0 | Zinc | 8.16E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Aluminum | 4.91E+03 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Aluminum | 6.99E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW13SO10 | 8/21/1998 | 10.0 | Arsenic | 2.80E-01 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Arsenic | 2.70E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Barium | 9.72E+01 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Barium | 1.29E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Beryllium | 2.09E-01 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Beryllium | 1.80E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Cadmium | 7.54E-02 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Cadmium | 5.18E-02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Calcium | 6.52E+03 | D | NS | NS | No Standard | No Standard | |
| KMW13SO10 | 8/21/1998 | 10.0 | Calcium | 8.82E+03 | | NS | NS | No Standard | No Standard | |
| KMW13SO10 | 8/21/1998 | 10.0 | Chromium | 4.91E+00 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW13SO10 | 8/21/1998 | 10.0 | Chromium | 6.77E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW13SO10 | 8/21/1998 | 10.0 | Cobalt | 5.56E+00 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Cobalt | 7.20E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Copper | 1.07E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Copper | 1.72E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Iron | 1.06E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Iron | 1.51E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Lead | 3.31E+00 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Lead | 2.95E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Magnesium | 2.03E+03 | D | NS | NS | No Standard | No Standard | |
| KMW13SO10 | 8/21/1998 | 10.0 | Magnesium | 2.80E+03 | | NS | NS | No Standard | No Standard | |
| KMW13SO10 | 8/21/1998 | 10.0 | Manganese | 1.71E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Manganese | 2.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Nickel | 6.84E+00 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Nickel | 9.57E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Potassium | 7.80E+02 | D | NS | NS | No Standard | No Standard | |
| KMW13SO10 | 8/21/1998 | 10.0 | Potassium | 1.06E+03 | | NS | NS | No Standard | No Standard | |
| KMW13SO10 | 8/21/1998 | 10.0 | Selenium | 2.48E-01 | D | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Selenium | 2.10E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Silver | 3.62E-02 | D | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Silver | 3.28E-02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Thallium | 1.09E-02 | D | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Vanadium | 1.50E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Vanadium | 2.15E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Zinc | 4.70E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW13SO10 | 8/21/1998 | 10.0 | Zinc | 5.91E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Aluminum | 4.64E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Arsenic | 1.73E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Barium | 1.13E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Beryllium | 1.10E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Cadmium | 2.37E-02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Calcium | 1.81E+04 | | NS | NS | No Standard | No Standard | |
| KMW13SO25 | 8/21/1998 | 25.0 | Chromium | 4.64E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW13SO25 | 8/21/1998 | 25.0 | Cobalt | 6.23E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Copper | 1.09E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Iron | 2.04E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Lead | 1.26E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Magnesium | 2.04E+03 | | NS | NS | No Standard | No Standard | |
| KMW13SO25 | 8/21/1998 | 25.0 | Manganese | 5.21E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Nickel | 7.59E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Potassium | 6.23E+02 | | NS | NS | No Standard | No Standard | |
| KMW13SO25 | 8/21/1998 | 25.0 | Silver | 1.38E-02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Vanadium | 1.70E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW13SO25 | 8/21/1998 | 25.0 | Zinc | 3.96E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Aluminum | 4.66E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Antimony | 8.44E-02 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Arsenic | 4.05E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Barium | 1.04E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Beryllium | 2.52E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Cadmium | 6.42E-02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Calcium | 5.62E+03 | | NS | NS | No Standard | No Standard | |
| KMW14SO10 | 8/26/1998 | 10.0 | Chromium | 4.66E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW14SO10 | 8/26/1998 | 10.0 | Cobalt | 6.16E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Copper | 1.23E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Iron | 9.73E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Lead | 3.55E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Magnesium | 2.19E+03 | | NS | NS | No Standard | No Standard | |
| KMW14SO10 | 8/26/1998 | 10.0 | Manganese | 2.05E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Nickel | 7.26E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Potassium | 8.77E+02 | | NS | NS | No Standard | No Standard | |
| KMW14SO10 | 8/26/1998 | 10.0 | Selenium | 2.74E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Silver | 4.10E-02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Sodium | 5.34E+02 | | NS | NS | No Standard | No Standard | |
| KMW14SO10 | 8/26/1998 | 10.0 | Thallium | 1.68E-02 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Vanadium | 1.64E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW14SO10 | 8/26/1998 | 10.0 | Zinc | 4.38E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Aluminum | 6.47E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Arsenic | 2.69E-01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Barium | 1.50E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Beryllium | 1.97E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Cadmium | 5.26E-02 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Calcium | 8.32E+03 | | NS | NS | No Standard | No Standard | |
| KMW14SO24 | 8/26/1998 | 24.0 | Chromium | 6.24E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KMW14SO24 | 8/26/1998 | 24.0 | Cobalt | 6.24E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Copper | 1.11E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Iron | 1.27E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Lead | 2.45E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW14SO24 | 8/26/1998 | 24.0 | Magnesium | 2.54E+03 | | NS | NS | No Standard | No Standard | |
| KMW14SO24 | 8/26/1998 | 24.0 | Manganese | 2.43E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Nickel | 8.55E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Potassium | 8.67E+02 | | NS | NS | No Standard | No Standard | |
| KMW14SO24 | 8/26/1998 | 24.0 | Silver | 2.86E-02 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Sodium | 5.78E+02 | | NS | NS | No Standard | No Standard | |
| KMW14SO24 | 8/26/1998 | 24.0 | Thallium | 1.12E-02 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Vanadium | 1.85E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KMW14SO24 | 8/26/1998 | 24.0 | Zinc | 4.62E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Aluminum | 1.83E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Arsenic | 6.58E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1010111 | 8/20/1996 | 11.0 | Barium | 1.05E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Beryllium | 9.38E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Calcium | 1.47E+04 | | NS | NS | No Standard | No Standard | |
| KP1010111 | 8/20/1996 | 11.0 | Chromium | 1.35E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP1010111 | 8/20/1996 | 11.0 | Cobalt | 7.13E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Copper | 1.09E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Iron | 1.98E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Lead | 1.28E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Magnesium | 5.26E+03 | | NS | NS | No Standard | No Standard | |
| KP1010111 | 8/20/1996 | 11.0 | Manganese | 2.21E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Mercury | 5.91E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Nickel | 9.41E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Phosphorus | 4.21E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1010111 | 8/20/1996 | 11.0 | Potassium | 2.94E+03 | | NS | NS | No Standard | No Standard | |
| KP1010111 | 8/20/1996 | 11.0 | Silver | 5.65E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Sodium | 1.47E+02 | J | NS | NS | No Standard | No Standard | |
| KP1010111 | 8/20/1996 | 11.0 | Vanadium | 2.49E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP1010111 | 8/20/1996 | 11.0 | Zinc | 5.02E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Aluminum | 1.69E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Arsenic | 6.18E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1010207 | 8/20/1996 | 7.0 | Barium | 1.44E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Beryllium | 9.34E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Calcium | 1.12E+04 | | NS | NS | No Standard | No Standard | |
| KP1010207 | 8/20/1996 | 7.0 | Chromium | 1.25E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP1010207 | 8/20/1996 | 7.0 | Cobalt | 8.34E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Copper | 1.04E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Iron | 1.89E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Lead | 1.28E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Magnesium | 4.54E+03 | | NS | NS | No Standard | No Standard | |
| KP1010207 | 8/20/1996 | 7.0 | Manganese | 2.40E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Mercury | 5.51E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Nickel | 9.97E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Phosphorus | 3.96E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP1010207 | 8/20/1996 | 7.0 | Potassium | 2.86E+03 | | NS | NS | No Standard | No Standard | |
| KP1010207 | 8/20/1996 | 7.0 | Sodium | 1.67E+02 | J | NS | NS | No Standard | No Standard | |
| KP1010207 | 8/20/1996 | 7.0 | Vanadium | 2.42E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP1010207 | 8/20/1996 | 7.0 | Zinc | 4.80E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP1010311 | 8/20/1996 | 11.0 | Total organic carbon | 5.99E+03 | | NS | NS | No Standard | No Standard | |
| KP1010315 | 8/21/1996 | 15.0 | Aluminum | 1.61E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP1010315 | 8/21/1996 | 15.0 | Arsenic | 6.70E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1010315 | 8/21/1996 | 15.0 | Barium | 1.19E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP1010315 | 8/21/1996 | 15.0 | Beryllium | 8.89E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP1010315 | 8/21/1996 | 15.0 | Calcium | 1.42E+04 | | NS | NS | No Standard | No Standard | |
| KP1010315 | 8/21/1996 | 15.0 | Chromium | 1.20E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP1010315 | 8/21/1996 | 15.0 | Cobalt | 6.19E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP1010315 | 8/21/1996 | 15.0 | Copper | 9.31E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP1010315 | 8/21/1996 | 15.0 | Iron | 1.82E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP1010315 | 8/21/1996 | 15.0 | Lead | 1.13E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP1010315 | 8/21/1996 | 15.0 | Magnesium | 4.31E+03 | | NS | NS | No Standard | No Standard | |
| KP1010315 | 8/21/1996 | 15.0 | Manganese | 2.27E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP1010315 | 8/21/1996 | 15.0 | Mercury | 5.19E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP1010315 | 8/21/1996 | 15.0 | Nickel | 9.00E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP1010315 | 8/21/1996 | 15.0 | Phosphorus | 3.41E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1010315 | 8/21/1996 | 15.0 | Potassium | 2.88E+03 | | NS | NS | No Standard | No Standard | |
| KP1010315 | 8/21/1996 | 15.0 | Sodium | 1.34E+02 | J | NS | NS | No Standard | No Standard | |
| KP1010315 | 8/21/1996 | 15.0 | Vanadium | 2.36E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP1010315 | 8/21/1996 | 15.0 | Zinc | 4.27E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Aluminum | 1.94E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Arsenic | 7.21E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1010503 | 8/21/1996 | 3.0 | Barium | 2.49E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Beryllium | 1.05E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Calcium | 1.31E+04 | | NS | NS | No Standard | No Standard | |
| KP1010503 | 8/21/1996 | 3.0 | Chromium | 1.41E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP1010503 | 8/21/1996 | 3.0 | Cobalt | 6.20E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Copper | 9.74E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Iron | 1.98E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Lead | 1.40E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Magnesium | 6.68E+03 | | NS | NS | No Standard | No Standard | |
| KP1010503 | 8/21/1996 | 3.0 | Manganese | 2.17E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Nickel | 1.02E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Phosphorus | 4.98E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1010503 | 8/21/1996 | 3.0 | Potassium | 3.58E+03 | | NS | NS | No Standard | No Standard | |
| KP1010503 | 8/21/1996 | 3.0 | Silver | 5.13E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Sodium | 9.61E+01 | J | NS | NS | No Standard | No Standard | |
| KP1010503 | 8/21/1996 | 3.0 | Thallium | 5.96E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Vanadium | 2.40E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP1010503 | 8/21/1996 | 3.0 | Zinc | 5.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP1020208 | 8/20/1996 | 8.0 | Aluminum | 2.25E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP1020208 | 8/20/1996 | 8.0 | Arsenic | 6.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1020208 | 8/20/1996 | 8.0 | Barium | 1.32E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP1020208 | 8/20/1996 | 8.0 | Beryllium | 1.12E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP1020208 | 8/20/1996 | 8.0 | Calcium | 1.36E+04 | | NS | NS | No Standard | No Standard | |
| KP1020208 | 8/20/1996 | 8.0 | Chromium | 1.61E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP1020208 | 8/20/1996 | 8.0 | Cobalt | 7.78E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP1020208 | 8/20/1996 | 8.0 | Copper | 1.25E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP1020208 | 8/20/1996 | 8.0 | Iron | 2.31E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP1020208 | 8/20/1996 | 8.0 | Lead | 1.50E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP1020208 | 8/20/1996 | 8.0 | Magnesium | 5.63E+03 | | NS | NS | No Standard | No Standard | |
| KP1020208 | 8/20/1996 | 8.0 | Manganese | 2.44E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP1020208 | 8/20/1996 | 8.0 | Mercury | 5.98E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP1020208 | 8/20/1996 | 8.0 | Nickel | 1.18E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP1020208 | 8/20/1996 | 8.0 | Phosphorus | 4.44E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1020208 | 8/20/1996 | 8.0 | Potassium | 3.74E+03 | | NS | NS | No Standard | No Standard | |
| KP1020208 | 8/20/1996 | 8.0 | Sodium | 9.13E+01 | J | NS | NS | No Standard | No Standard | |
| KP1020208 | 8/20/1996 | 8.0 | Vanadium | 2.88E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP1020208 | 8/20/1996 | 8.0 | Zinc | 5.83E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP1020605 | 8/20/1996 | 5.0 | Aluminum | 2.18E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP1020605 | 8/20/1996 | 5.0 | Arsenic | 6.57E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1020605 | 8/20/1996 | 5.0 | Barium | 1.28E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP1020605 | 8/20/1996 | 5.0 | Beryllium | 1.10E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP1020605 | 8/20/1996 | 5.0 | Calcium | 1.28E+04 | | NS | NS | No Standard | No Standard | |
| KP1020605 | 8/20/1996 | 5.0 | Chromium | 1.57E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP1020605 | 8/20/1996 | 5.0 | Cobalt | 6.72E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP1020605 | 8/20/1996 | 5.0 | Copper | 1.15E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP1020605 | 8/20/1996 | 5.0 | Iron | 2.13E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP1020605 | 8/20/1996 | 5.0 | Lead | 1.40E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP1020605 | 8/20/1996 | 5.0 | Magnesium | 5.82E+03 | | NS | NS | No Standard | No Standard | |
| KP1020605 | 8/20/1996 | 5.0 | Manganese | 2.04E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP1020605 | 8/20/1996 | 5.0 | Nickel | 1.10E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP1020605 | 8/20/1996 | 5.0 | Phosphorus | 4.20E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1020605 | 8/20/1996 | 5.0 | Potassium | 4.19E+03 | | NS | NS | No Standard | No Standard | |
| KP1020605 | 8/20/1996 | 5.0 | Sodium | 1.55E+02 | J | NS | NS | No Standard | No Standard | |
| KP1020605 | 8/20/1996 | 5.0 | Vanadium | 2.82E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP1020605 | 8/20/1996 | 5.0 | Zinc | 5.44E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP1020804 | 8/21/1996 | 4.0 | Aluminum | 1.29E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP1020804 | 8/21/1996 | 4.0 | Arsenic | 6.17E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1020804 | 8/21/1996 | 4.0 | Barium | 1.13E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP1020804 | 8/21/1996 | 4.0 | Beryllium | 7.97E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP1020804 | 8/21/1996 | 4.0 | Calcium | 6.95E+03 | | NS | NS | No Standard | No Standard | |
| KP1020804 | 8/21/1996 | 4.0 | Chromium | 1.02E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP1020804 | 8/21/1996 | 4.0 | Cobalt | 4.64E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP1020804 | 8/21/1996 | 4.0 | Copper | 6.59E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP1020804 | 8/21/1996 | 4.0 | Iron | 1.43E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP1020804 | 8/21/1996 | 4.0 | Lead | 9.46E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP1020804 | 8/21/1996 | 4.0 | Magnesium | 3.50E+03 | | NS | NS | No Standard | No Standard | |
| KP1020804 | 8/21/1996 | 4.0 | Manganese | 1.64E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP1020804 | 8/21/1996 | 4.0 | Mercury | 4.65E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP1020804 | 8/21/1996 | 4.0 | Nickel | 7.47E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP1020804 | 8/21/1996 | 4.0 | Phosphorus | 3.16E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1020804 | 8/21/1996 | 4.0 | Potassium | 2.76E+03 | | NS | NS | No Standard | No Standard | |
| KP1020804 | 8/21/1996 | 4.0 | Sodium | 7.46E+01 | J | NS | NS | No Standard | No Standard | |
| KP1020804 | 8/21/1996 | 4.0 | Vanadium | 1.85E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP1020804 | 8/21/1996 | 4.0 | Zinc | 3.53E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP1030303 | 8/21/1996 | 3.0 | Total organic carbon | 7.66E+03 | | NS | NS | No Standard | No Standard | |
| KP1030408 | 8/21/1996 | 8.0 | Aluminum | 1.65E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP1030408 | 8/21/1996 | 8.0 | Arsenic | 6.55E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1030408 | 8/21/1996 | 8.0 | Barium | 1.08E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP1030408 | 8/21/1996 | 8.0 | Beryllium | 9.54E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP1030408 | 8/21/1996 | 8.0 | Calcium | 1.15E+04 | | NS | NS | No Standard | No Standard | |
| KP1030408 | 8/21/1996 | 8.0 | Chromium | 1.20E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP1030408 | 8/21/1996 | 8.0 | Cobalt | 6.04E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP1030408 | 8/21/1996 | 8.0 | Copper | 1.01E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP1030408 | 8/21/1996 | 8.0 | Iron | 1.91E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP1030408 | 8/21/1996 | 8.0 | Lead | 1.25E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP1030408 | 8/21/1996 | 8.0 | Magnesium | 4.65E+03 | | NS | NS | No Standard | No Standard | |
| KP1030408 | 8/21/1996 | 8.0 | Manganese | 2.17E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP1030408 | 8/21/1996 | 8.0 | Mercury | 3.86E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP1030408 | 8/21/1996 | 8.0 | Nickel | 9.21E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP1030408 | 8/21/1996 | 8.0 | Phosphorus | 3.80E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1030408 | 8/21/1996 | 8.0 | Potassium | 2.79E+03 | | NS | NS | No Standard | No Standard | |
| KP1030408 | 8/21/1996 | 8.0 | Sodium | 8.25E+01 | J | NS | NS | No Standard | No Standard | |
| KP1030408 | 8/21/1996 | 8.0 | Vanadium | 2.35E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP1030408 | 8/21/1996 | 8.0 | Zinc | 4.70E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP1030608 | 8/21/1996 | 8.0 | Aluminum | 1.89E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP1030608 | 8/21/1996 | 8.0 | Arsenic | 6.30E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1030608 | 8/21/1996 | 8.0 | Barium | 1.02E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP1030608 | 8/21/1996 | 8.0 | Beryllium | 9.42E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP1030608 | 8/21/1996 | 8.0 | Calcium | 1.70E+04 | | NS | NS | No Standard | No Standard | |
| KP1030608 | 8/21/1996 | 8.0 | Chromium | 1.33E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP1030608 | 8/21/1996 | 8.0 | Cobalt | 7.11E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP1030608 | 8/21/1996 | 8.0 | Copper | 1.10E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP1030608 | 8/21/1996 | 8.0 | Iron | 1.94E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP1030608 | 8/21/1996 | 8.0 | Lead | 1.26E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP1030608 | 8/21/1996 | 8.0 | Magnesium | 4.88E+03 | | NS | NS | No Standard | No Standard | |
| KP1030608 | 8/21/1996 | 8.0 | Manganese | 2.66E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP1030608 | 8/21/1996 | 8.0 | Mercury | 3.97E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP1030608 | 8/21/1996 | 8.0 | Nickel | 1.25E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP1030608 | 8/21/1996 | 8.0 | Phosphorus | 4.55E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1030608 | 8/21/1996 | 8.0 | Potassium | 3.01E+03 | | NS | NS | No Standard | No Standard | |
| KP1030608 | 8/21/1996 | 8.0 | Sodium | 1.66E+02 | J | NS | NS | No Standard | No Standard | |
| KP1030608 | 8/21/1996 | 8.0 | Vanadium | 2.57E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP1030608 | 8/21/1996 | 8.0 | Zinc | 5.07E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Aluminum | 1.40E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Arsenic | 5.06E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2010907 | 8/7/1996 | 7.0 | Barium | 1.87E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Beryllium | 8.18E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Cadmium | 2.73E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Calcium | 6.75E+03 | | NS | NS | No Standard | No Standard | |
| KP2010907 | 8/7/1996 | 7.0 | Chromium | 9.46E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2010907 | 8/7/1996 | 7.0 | Cobalt | 6.42E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Copper | 1.01E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Iron | 1.51E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Lead | 1.09E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Magnesium | 2.39E+03 | | NS | NS | No Standard | No Standard | |
| KP2010907 | 8/7/1996 | 7.0 | Manganese | 2.47E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Molybdenum | 1.20E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Nickel | 6.86E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Phosphorus | 2.55E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2010907 | 8/7/1996 | 7.0 | Potassium | 2.75E+03 | | NS | NS | No Standard | No Standard | |
| KP2010907 | 8/7/1996 | 7.0 | Selenium | 4.18E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Sodium | 1.38E+02 | J | NS | NS | No Standard | No Standard | |
| KP2010907 | 8/7/1996 | 7.0 | Vanadium | 2.84E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2010907 | 8/7/1996 | 7.0 | Zinc | 6.17E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Aluminum | 1.62E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Arsenic | 5.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2011102 | 8/7/1996 | 2.0 | Barium | 1.76E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Beryllium | 8.58E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Cadmium | 2.93E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Calcium | 6.32E+03 | | NS | NS | No Standard | No Standard | |
| KP2011102 | 8/7/1996 | 2.0 | Chromium | 1.07E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2011102 | 8/7/1996 | 2.0 | Cobalt | 6.61E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Copper | 1.01E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Iron | 1.59E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Lead | 1.10E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Magnesium | 2.55E+03 | | NS | NS | No Standard | No Standard | |
| KP2011102 | 8/7/1996 | 2.0 | Manganese | 2.44E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Mercury | 2.99E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Molybdenum | 1.23E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Nickel | 6.18E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP2011102 | 8/7/1996 | 2.0 | Phosphorus | 2.94E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2011102 | 8/7/1996 | 2.0 | Potassium | 3.04E+03 | | NS | NS | No Standard | No Standard | |
| KP2011102 | 8/7/1996 | 2.0 | Selenium | 4.73E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Sodium | 1.51E+02 | J | NS | NS | No Standard | No Standard | |
| KP2011102 | 8/7/1996 | 2.0 | Vanadium | 3.10E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2011102 | 8/7/1996 | 2.0 | Zinc | 5.57E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Aluminum | 1.87E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Antimony | 7.50E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Arsenic | 4.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2033005 | 9/4/1996 | 5.0 | Barium | 1.67E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Beryllium | 9.32E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Cadmium | 1.17E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Calcium | 9.33E+03 | | NS | NS | No Standard | No Standard | |
| KP2033005 | 9/4/1996 | 5.0 | Chromium | 1.27E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2033005 | 9/4/1996 | 5.0 | Cobalt | 7.28E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Copper | 1.44E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Iron | 1.77E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Lead | 1.44E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Magnesium | 3.74E+03 | | NS | NS | No Standard | No Standard | |
| KP2033005 | 9/4/1996 | 5.0 | Manganese | 2.22E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Mercury | 4.74E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Nickel | 8.05E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Phosphorus | 2.50E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2033005 | 9/4/1996 | 5.0 | Potassium | 2.90E+03 | | NS | NS | No Standard | No Standard | |
| KP2033005 | 9/4/1996 | 5.0 | Sodium | 1.13E+02 | J | NS | NS | No Standard | No Standard | |
| KP2033005 | 9/4/1996 | 5.0 | Vanadium | 3.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2033005 | 9/4/1996 | 5.0 | Zinc | 7.83E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Aluminum | 5.61E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Antimony | 6.09E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Arsenic | 1.95E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Barium | 1.55E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Beryllium | 2.70E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Calcium | 7.18E+03 | | NS | NS | No Standard | No Standard | |
| KP2033105 | 9/4/1996 | 5.0 | Chromium | 3.40E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2033105 | 9/4/1996 | 5.0 | Cobalt | 2.05E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Copper | 2.09E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Iron | 5.28E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Lead | 3.51E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Magnesium | 1.21E+03 | | NS | NS | No Standard | No Standard | |
| KP2033105 | 9/4/1996 | 5.0 | Manganese | 1.58E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Nickel | 1.81E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Phosphorus | 1.02E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2033105 | 9/4/1996 | 5.0 | Potassium | 1.73E+03 | | NS | NS | No Standard | No Standard | |
| KP2033105 | 9/4/1996 | 5.0 | Sodium | 2.09E+01 | J | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP2033105 | 9/4/1996 | 5.0 | Vanadium | 1.37E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2033105 | 9/4/1996 | 5.0 | Zinc | 1.02E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Aluminum | 5.42E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Antimony | 3.94E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Arsenic | 2.28E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Barium | 7.65E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Beryllium | 2.87E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Calcium | 8.46E+03 | | NS | NS | No Standard | No Standard | |
| KP2033205 | 9/4/1996 | 5.0 | Chromium | 3.52E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2033205 | 9/4/1996 | 5.0 | Cobalt | 2.00E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Copper | 3.47E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Iron | 6.62E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Lead | 5.06E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Magnesium | 1.37E+03 | | NS | NS | No Standard | No Standard | |
| KP2033205 | 9/4/1996 | 5.0 | Manganese | 1.53E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Phosphorus | 1.59E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2033205 | 9/4/1996 | 5.0 | Potassium | 1.33E+03 | | NS | NS | No Standard | No Standard | |
| KP2033205 | 9/4/1996 | 5.0 | Sodium | 2.06E+01 | J | NS | NS | No Standard | No Standard | |
| KP2033205 | 9/4/1996 | 5.0 | Vanadium | 1.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2033205 | 9/4/1996 | 5.0 | Zinc | 1.43E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Aluminum | 2.10E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Arsenic | 4.40E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2033305 | 9/4/1996 | 5.0 | Barium | 1.43E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Beryllium | 8.98E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Cadmium | 7.80E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Calcium | 9.58E+03 | | NS | NS | No Standard | No Standard | |
| KP2033305 | 9/4/1996 | 5.0 | Chromium | 1.29E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2033305 | 9/4/1996 | 5.0 | Cobalt | 6.29E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Copper | 1.21E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Iron | 1.65E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Lead | 1.29E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Magnesium | 3.61E+03 | | NS | NS | No Standard | No Standard | |
| KP2033305 | 9/4/1996 | 5.0 | Manganese | 2.25E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Nickel | 5.94E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Phosphorus | 3.27E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2033305 | 9/4/1996 | 5.0 | Potassium | 3.88E+03 | | NS | NS | No Standard | No Standard | |
| KP2033305 | 9/4/1996 | 5.0 | Sodium | 1.01E+02 | J | NS | NS | No Standard | No Standard | |
| KP2033305 | 9/4/1996 | 5.0 | Vanadium | 3.72E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2033305 | 9/4/1996 | 5.0 | Zinc | 5.27E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Aluminum | 1.18E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Arsenic | 3.41E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Barium | 1.04E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Beryllium | 4.79E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Cadmium | 6.26E-02 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP2040601 | 8/6/1996 | 1.0 | Calcium | 8.97E+03 | | NS | NS | No Standard | No Standard | |
| KP2040601 | 8/6/1996 | 1.0 | Chromium | 7.59E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2040601 | 8/6/1996 | 1.0 | Cobalt | 3.32E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Copper | 6.32E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Iron | 1.13E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Lead | 7.26E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Magnesium | 2.56E+03 | | NS | NS | No Standard | No Standard | |
| KP2040601 | 8/6/1996 | 1.0 | Manganese | 2.48E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Molybdenum | 1.78E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Nickel | 5.57E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Phosphorus | 2.11E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2040601 | 8/6/1996 | 1.0 | Potassium | 3.55E+03 | | NS | NS | No Standard | No Standard | |
| KP2040601 | 8/6/1996 | 1.0 | Sodium | 4.23E+01 | J | NS | NS | No Standard | No Standard | |
| KP2040601 | 8/6/1996 | 1.0 | Vanadium | 2.84E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2040601 | 8/6/1996 | 1.0 | Zinc | 2.63E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Aluminum | 1.05E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Arsenic | 5.27E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2041001 | 8/6/1996 | 1.0 | Barium | 1.37E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Beryllium | 6.82E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Cadmium | 5.86E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Calcium | 5.60E+03 | | NS | NS | No Standard | No Standard | |
| KP2041001 | 8/6/1996 | 1.0 | Chromium | 8.47E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2041001 | 8/6/1996 | 1.0 | Cobalt | 6.97E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Copper | 1.09E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Iron | 1.57E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Lead | 1.16E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Magnesium | 2.38E+03 | | NS | NS | No Standard | No Standard | |
| KP2041001 | 8/6/1996 | 1.0 | Manganese | 2.34E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Mercury | 5.47E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Molybdenum | 2.19E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Nickel | 8.98E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Phosphorus | 2.64E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2041001 | 8/6/1996 | 1.0 | Potassium | 1.66E+03 | | NS | NS | No Standard | No Standard | |
| KP2041001 | 8/6/1996 | 1.0 | Selenium | 6.31E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Sodium | 7.41E+01 | J | NS | NS | No Standard | No Standard | |
| KP2041001 | 8/6/1996 | 1.0 | Vanadium | 2.54E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2041001 | 8/6/1996 | 1.0 | Zinc | 5.11E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | 2,4,6-Trinitrotoluene | 8.91E-01 | J | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Aluminum | 1.37E+04 | J | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Antimony | 4.69E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Arsenic | 1.03E+01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2050701 | 8/7/1996 | 1.0 | Barium | 2.99E+02 | J | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Beryllium | 1.21E+00 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Cadmium | 1.44E+00 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP2050701 | 8/7/1996 | 1.0 | Calcium | 6.79E+03 | J | NS | NS | No Standard | No Standard | |
| KP2050701 | 8/7/1996 | 1.0 | Chromium | 9.71E+00 | J | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2050701 | 8/7/1996 | 1.0 | Cobalt | 9.55E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Copper | 2.44E+01 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Iron | 9.30E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KP2050701 | 8/7/1996 | 1.0 | Lead | 6.04E+01 | J | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Magnesium | 2.70E+03 | J | NS | NS | No Standard | No Standard | |
| KP2050701 | 8/7/1996 | 1.0 | Manganese | 2.50E+03 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Nickel | 1.14E+01 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Phosphorus | 3.26E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2050701 | 8/7/1996 | 1.0 | Potassium | 2.35E+03 | J | NS | NS | No Standard | No Standard | |
| KP2050701 | 8/7/1996 | 1.0 | RDX | 1.25E+00 | | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Selenium | 8.14E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Silver | 9.77E-01 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Sodium | 9.97E+01 | J | NS | NS | No Standard | No Standard | |
| KP2050701 | 8/7/1996 | 1.0 | Thallium | 3.40E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Vanadium | 4.75E+01 | J | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2050701 | 8/7/1996 | 1.0 | Zinc | 2.25E+02 | J | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Aluminum | 3.17E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Aluminum | 3.06E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Antimony | 3.60E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Arsenic | 6.47E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2050902 | 8/8/1996 | 2.0 | Arsenic | 5.57E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2050902 | 8/8/1996 | 2.0 | Barium | 1.71E+02 | D | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Barium | 1.62E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Beryllium | 1.25E+00 | D | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Beryllium | 1.22E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Cadmium | 4.41E-01 | D | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Cadmium | 3.01E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Calcium | 9.28E+03 | D | NS | NS | No Standard | No Standard | |
| KP2050902 | 8/8/1996 | 2.0 | Calcium | 9.88E+03 | | NS | NS | No Standard | No Standard | |
| KP2050902 | 8/8/1996 | 2.0 | Chromium | 1.85E+01 | D | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2050902 | 8/8/1996 | 2.0 | Chromium | 1.80E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2050902 | 8/8/1996 | 2.0 | Cobalt | 1.25E+01 | D | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Cobalt | 7.81E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Copper | 1.62E+01 | D | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Copper | 1.53E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Iron | 2.22E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Iron | 2.10E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Lead | 1.66E+01 | D | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Lead | 1.56E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Magnesium | 4.49E+03 | D | NS | NS | No Standard | No Standard | |
| KP2050902 | 8/8/1996 | 2.0 | Magnesium | 4.36E+03 | | NS | NS | No Standard | No Standard | |
| KP2050902 | 8/8/1996 | 2.0 | Manganese | 2.92E+02 | D | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP2050902 | 8/8/1996 | 2.0 | Manganese | 2.38E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Mercury | 4.39E-02 | DJ | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Mercury | 3.58E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Molybdenum | 2.65E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Nickel | 1.21E+01 | D | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Nickel | 9.03E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Phosphorus | 3.09E+02 | DJ | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2050902 | 8/8/1996 | 2.0 | Phosphorus | 3.00E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2050902 | 8/8/1996 | 2.0 | Potassium | 6.11E+03 | D | NS | NS | No Standard | No Standard | |
| KP2050902 | 8/8/1996 | 2.0 | Potassium | 5.86E+03 | | NS | NS | No Standard | No Standard | |
| KP2050902 | 8/8/1996 | 2.0 | Selenium | 4.77E-01 | DJ | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Selenium | 6.64E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Sodium | 1.04E+02 | DJ | NS | NS | No Standard | No Standard | |
| KP2050902 | 8/8/1996 | 2.0 | Sodium | 9.78E+01 | J | NS | NS | No Standard | No Standard | |
| KP2050902 | 8/8/1996 | 2.0 | Vanadium | 5.16E+01 | D | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Vanadium | 4.99E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Zinc | 6.71E+01 | D | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2050902 | 8/8/1996 | 2.0 | Zinc | 6.45E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Aluminum | 2.41E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Arsenic | 4.52E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2051501 | 9/5/1996 | 1.0 | Barium | 2.07E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Beryllium | 8.59E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Cadmium | 1.57E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Calcium | 8.99E+03 | | NS | NS | No Standard | No Standard | |
| KP2051501 | 9/5/1996 | 1.0 | Chromium | 1.46E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2051501 | 9/5/1996 | 1.0 | Cobalt | 6.82E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Copper | 1.86E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Iron | 1.63E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Lead | 1.81E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Magnesium | 3.54E+03 | | NS | NS | No Standard | No Standard | |
| KP2051501 | 9/5/1996 | 1.0 | Manganese | 2.17E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Mercury | 7.08E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Molybdenum | 1.64E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Nickel | 8.25E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Phosphorus | 2.86E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2051501 | 9/5/1996 | 1.0 | Potassium | 4.28E+03 | | NS | NS | No Standard | No Standard | |
| KP2051501 | 9/5/1996 | 1.0 | Sodium | 1.48E+02 | J | NS | NS | No Standard | No Standard | |
| KP2051501 | 9/5/1996 | 1.0 | Thallium | 6.79E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Vanadium | 3.97E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2051501 | 9/5/1996 | 1.0 | Zinc | 9.11E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Aluminum | 7.79E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Arsenic | 2.16E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Barium | 1.12E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Beryllium | 3.44E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP2SS2201 | 9/6/1996 | 1.0 | Cadmium | 2.60E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Calcium | 6.41E+03 | | NS | NS | No Standard | No Standard | |
| KP2SS2201 | 9/6/1996 | 1.0 | Chromium | 5.01E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2SS2201 | 9/6/1996 | 1.0 | Cobalt | 1.98E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Copper | 6.37E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Iron | 7.06E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Lead | 9.62E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Magnesium | 1.58E+03 | | NS | NS | No Standard | No Standard | |
| KP2SS2201 | 9/6/1996 | 1.0 | Manganese | 1.63E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Mercury | 5.10E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Nickel | 3.43E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Phosphorus | 1.16E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2SS2201 | 9/6/1996 | 1.0 | Potassium | 2.42E+03 | | NS | NS | No Standard | No Standard | |
| KP2SS2201 | 9/6/1996 | 1.0 | Sodium | 2.76E+01 | J | NS | NS | No Standard | No Standard | |
| KP2SS2201 | 9/6/1996 | 1.0 | Thallium | 5.42E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Vanadium | 1.69E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2SS2201 | 9/6/1996 | 1.0 | Zinc | 1.12E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Aluminum | 7.48E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Arsenic | 2.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Barium | 8.18E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Beryllium | 3.63E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Cadmium | 1.73E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Calcium | 5.49E+03 | | NS | NS | No Standard | No Standard | |
| KP2SS2301 | 9/6/1996 | 1.0 | Chromium | 5.00E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP2SS2301 | 9/6/1996 | 1.0 | Cobalt | 2.20E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Copper | 9.69E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Iron | 7.36E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Lead | 8.06E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Magnesium | 1.53E+03 | | NS | NS | No Standard | No Standard | |
| KP2SS2301 | 9/6/1996 | 1.0 | Manganese | 1.39E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Nickel | 2.60E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Phosphorus | 5.98E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2SS2301 | 9/6/1996 | 1.0 | Potassium | 2.11E+03 | | NS | NS | No Standard | No Standard | |
| KP2SS2301 | 9/6/1996 | 1.0 | Sodium | 2.11E+01 | J | NS | NS | No Standard | No Standard | |
| KP2SS2301 | 9/6/1996 | 1.0 | Vanadium | 1.72E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2SS2301 | 9/6/1996 | 1.0 | Zinc | 2.47E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Aluminum | 8.03E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Antimony | 4.80E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Arsenic | 2.35E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Barium | 1.48E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Beryllium | 3.50E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Cadmium | 8.47E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Calcium | 6.52E+03 | | NS | NS | No Standard | No Standard | |
| KP2SS2401 | 9/6/1996 | 1.0 | Chromium | 5.91E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP2SS2401 | 9/6/1996 | 1.0 | Cobalt | 2.73E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Copper | 3.69E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Iron | 7.47E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Lead | 2.15E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Magnesium | 1.61E+03 | | NS | NS | No Standard | No Standard | |
| KP2SS2401 | 9/6/1996 | 1.0 | Manganese | 2.15E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Mercury | 1.04E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Nickel | 3.16E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Phosphorus | 1.37E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2SS2401 | 9/6/1996 | 1.0 | Potassium | 2.41E+03 | | NS | NS | No Standard | No Standard | |
| KP2SS2401 | 9/6/1996 | 1.0 | Sodium | 2.52E+01 | J | NS | NS | No Standard | No Standard | |
| KP2SS2401 | 9/6/1996 | 1.0 | Vanadium | 1.82E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP2SS2401 | 9/6/1996 | 1.0 | Zinc | 3.47E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3014005 | 9/3/1996 | 5.0 | Aluminum | 9.37E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3014005 | 9/3/1996 | 5.0 | Antimony | 5.57E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP3014005 | 9/3/1996 | 5.0 | Arsenic | 4.74E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3014005 | 9/3/1996 | 5.0 | Barium | 8.71E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3014005 | 9/3/1996 | 5.0 | Beryllium | 3.56E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3014005 | 9/3/1996 | 5.0 | Calcium | 1.11E+04 | | NS | NS | No Standard | No Standard | |
| KP3014005 | 9/3/1996 | 5.0 | Chromium | 5.30E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3014005 | 9/3/1996 | 5.0 | Cobalt | 1.92E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3014005 | 9/3/1996 | 5.0 | Copper | 2.74E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3014005 | 9/3/1996 | 5.0 | Iron | 7.07E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP3014005 | 9/3/1996 | 5.0 | Lead | 1.01E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3014005 | 9/3/1996 | 5.0 | Magnesium | 1.85E+03 | | NS | NS | No Standard | No Standard | |
| KP3014005 | 9/3/1996 | 5.0 | Manganese | 1.66E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP3014005 | 9/3/1996 | 5.0 | Phosphorus | 1.31E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014005 | 9/3/1996 | 5.0 | Potassium | 2.43E+03 | | NS | NS | No Standard | No Standard | |
| KP3014005 | 9/3/1996 | 5.0 | Sodium | 3.46E+01 | J | NS | NS | No Standard | No Standard | |
| KP3014005 | 9/3/1996 | 5.0 | Vanadium | 1.94E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3014005 | 9/3/1996 | 5.0 | Zinc | 1.38E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Aluminum | 1.71E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Antimony | 7.10E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Arsenic | 5.30E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3014207 | 9/3/1996 | 7.0 | Barium | 1.59E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Beryllium | 9.22E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Calcium | 7.45E+03 | | NS | NS | No Standard | No Standard | |
| KP3014207 | 9/3/1996 | 7.0 | Chromium | 1.18E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3014207 | 9/3/1996 | 7.0 | Cobalt | 7.11E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Copper | 1.34E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Iron | 1.64E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Lead | 1.30E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Magnesium | 3.21E+03 | | NS | NS | No Standard | No Standard | |
| KP3014207 | 9/3/1996 | 7.0 | Manganese | 2.19E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP3014207 | 9/3/1996 | 7.0 | Mercury | 6.59E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Nickel | 8.67E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Phosphorus | 3.03E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014207 | 9/3/1996 | 7.0 | Potassium | 2.61E+03 | | NS | NS | No Standard | No Standard | |
| KP3014207 | 9/3/1996 | 7.0 | Sodium | 1.61E+02 | J | NS | NS | No Standard | No Standard | |
| KP3014207 | 9/3/1996 | 7.0 | Vanadium | 3.28E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3014207 | 9/3/1996 | 7.0 | Zinc | 5.26E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Aluminum | 1.74E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Arsenic | 4.67E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3014305 | 9/3/1996 | 5.0 | Barium | 1.85E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Beryllium | 7.40E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Cadmium | 1.17E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Calcium | 9.65E+03 | | NS | NS | No Standard | No Standard | |
| KP3014305 | 9/3/1996 | 5.0 | Chromium | 1.06E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3014305 | 9/3/1996 | 5.0 | Cobalt | 5.68E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Copper | 1.50E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Iron | 1.48E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Lead | 1.42E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Magnesium | 3.14E+03 | | NS | NS | No Standard | No Standard | |
| KP3014305 | 9/3/1996 | 5.0 | Manganese | 2.37E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Mercury | 1.66E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Nickel | 7.39E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Phosphorus | 2.50E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014305 | 9/3/1996 | 5.0 | Potassium | 3.47E+03 | | NS | NS | No Standard | No Standard | |
| KP3014305 | 9/3/1996 | 5.0 | Sodium | 9.25E+01 | J | NS | NS | No Standard | No Standard | |
| KP3014305 | 9/3/1996 | 5.0 | Vanadium | 3.29E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3014305 | 9/3/1996 | 5.0 | Zinc | 6.18E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Aluminum | 2.23E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Antimony | 4.94E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Arsenic | 4.49E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3014408 | 9/3/1996 | 8.0 | Barium | 1.64E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Beryllium | 1.00E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Calcium | 9.51E+03 | | NS | NS | No Standard | No Standard | |
| KP3014408 | 9/3/1996 | 8.0 | Chromium | 1.38E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3014408 | 9/3/1996 | 8.0 | Cobalt | 6.76E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Copper | 1.38E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Iron | 1.76E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Lead | 1.39E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Magnesium | 3.94E+03 | | NS | NS | No Standard | No Standard | |
| KP3014408 | 9/3/1996 | 8.0 | Manganese | 1.95E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Mercury | 3.07E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Nickel | 7.64E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Phosphorus | 3.32E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014408 | 9/3/1996 | 8.0 | Potassium | 3.62E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP3014408 | 9/3/1996 | 8.0 | Sodium | 1.25E+02 | J | NS | NS | No Standard | No Standard | |
| KP3014408 | 9/3/1996 | 8.0 | Vanadium | 3.92E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3014408 | 9/3/1996 | 8.0 | Zinc | 5.61E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Aluminum | 9.16E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Antimony | 6.85E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Arsenic | 2.62E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Barium | 9.55E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Beryllium | 4.25E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Calcium | 1.13E+04 | | NS | NS | No Standard | No Standard | |
| KP3014515 | 9/3/1996 | 15.0 | Chromium | 5.74E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3014515 | 9/3/1996 | 15.0 | Cobalt | 2.68E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Copper | 3.95E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Iron | 8.45E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Lead | 6.01E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Magnesium | 1.85E+03 | | NS | NS | No Standard | No Standard | |
| KP3014515 | 9/3/1996 | 15.0 | Manganese | 1.84E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Molybdenum | 1.37E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Nickel | 2.81E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Phosphorus | 1.35E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014515 | 9/3/1996 | 15.0 | Potassium | 2.29E+03 | | NS | NS | No Standard | No Standard | |
| KP3014515 | 9/3/1996 | 15.0 | Sodium | 4.07E+01 | J | NS | NS | No Standard | No Standard | |
| KP3014515 | 9/3/1996 | 15.0 | Vanadium | 2.05E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3014515 | 9/3/1996 | 15.0 | Zinc | 1.72E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Aluminum | 1.35E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Antimony | 6.63E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Arsenic | 5.49E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3014915 | 9/3/1996 | 15.0 | Barium | 5.54E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Beryllium | 6.81E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Calcium | 6.86E+03 | | NS | NS | No Standard | No Standard | |
| KP3014915 | 9/3/1996 | 15.0 | Chromium | 9.21E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3014915 | 9/3/1996 | 15.0 | Cobalt | 6.26E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Copper | 8.89E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Iron | 1.63E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Lead | 1.05E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Magnesium | 2.42E+03 | | NS | NS | No Standard | No Standard | |
| KP3014915 | 9/3/1996 | 15.0 | Manganese | 2.68E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Nickel | 6.12E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Phosphorus | 2.55E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014915 | 9/3/1996 | 15.0 | Potassium | 2.24E+03 | | NS | NS | No Standard | No Standard | |
| KP3014915 | 9/3/1996 | 15.0 | Sodium | 1.44E+02 | J | NS | NS | No Standard | No Standard | |
| KP3014915 | 9/3/1996 | 15.0 | Vanadium | 2.79E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3014915 | 9/3/1996 | 15.0 | Zinc | 4.25E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Aluminum | 1.06E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Arsenic | 9.67E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP3020913 | 7/31/1996 | 13.0 | Barium | 4.35E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Beryllium | 9.91E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Calcium | 6.08E+03 | | NS | NS | No Standard | No Standard | |
| KP3020913 | 7/31/1996 | 13.0 | Chromium | 7.77E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3020913 | 7/31/1996 | 13.0 | Cobalt | 5.69E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Copper | 7.51E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Iron | 4.57E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KP3020913 | 7/31/1996 | 13.0 | Lead | 1.17E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Magnesium | 1.99E+03 | | NS | NS | No Standard | No Standard | |
| KP3020913 | 7/31/1996 | 13.0 | Manganese | 8.70E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Mercury | 5.92E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Molybdenum | 1.65E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Nickel | 6.89E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Phosphorus | 2.91E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3020913 | 7/31/1996 | 13.0 | Potassium | 1.83E+03 | | NS | NS | No Standard | No Standard | |
| KP3020913 | 7/31/1996 | 13.0 | Sodium | 1.20E+02 | J | NS | NS | No Standard | No Standard | |
| KP3020913 | 7/31/1996 | 13.0 | Thallium | 1.44E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Vanadium | 3.83E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3020913 | 7/31/1996 | 13.0 | Zinc | 4.56E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Aluminum | 1.46E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Arsenic | 5.02E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3021118 | 7/31/1996 | 18.0 | Barium | 1.73E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Beryllium | 7.50E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Calcium | 8.26E+03 | | NS | NS | No Standard | No Standard | |
| KP3021118 | 7/31/1996 | 18.0 | Chromium | 1.06E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3021118 | 7/31/1996 | 18.0 | Cobalt | 6.29E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Copper | 9.62E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Iron | 1.52E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Lead | 1.05E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Magnesium | 2.89E+03 | | NS | NS | No Standard | No Standard | |
| KP3021118 | 7/31/1996 | 18.0 | Manganese | 2.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Molybdenum | 3.20E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Nickel | 8.24E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Phosphorus | 2.72E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3021118 | 7/31/1996 | 18.0 | Potassium | 2.44E+03 | | NS | NS | No Standard | No Standard | |
| KP3021118 | 7/31/1996 | 18.0 | Selenium | 5.30E-01 | | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Sodium | 2.92E+02 | J | NS | NS | No Standard | No Standard | |
| KP3021118 | 7/31/1996 | 18.0 | Vanadium | 2.91E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3021118 | 7/31/1996 | 18.0 | Zinc | 4.15E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Aluminum | 9.84E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Arsenic | 1.50E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Barium | 1.40E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Beryllium | 3.27E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Cadmium | 5.00E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP3030102 | 9/5/1996 | 2.0 | Calcium | 6.47E+03 | | NS | NS | No Standard | No Standard | |
| KP3030102 | 9/5/1996 | 2.0 | Chromium | 6.11E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3030102 | 9/5/1996 | 2.0 | Cobalt | 2.46E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Copper | 1.18E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Iron | 7.35E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Lead | 8.17E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Magnesium | 1.78E+03 | | NS | NS | No Standard | No Standard | |
| KP3030102 | 9/5/1996 | 2.0 | Manganese | 1.33E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Mercury | 8.49E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Molybdenum | 1.38E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Nickel | 3.60E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Phosphorus | 1.31E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3030102 | 9/5/1996 | 2.0 | Potassium | 2.94E+03 | | NS | NS | No Standard | No Standard | |
| KP3030102 | 9/5/1996 | 2.0 | Sodium | 5.15E+01 | J | NS | NS | No Standard | No Standard | |
| KP3030102 | 9/5/1996 | 2.0 | Vanadium | 1.89E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3030102 | 9/5/1996 | 2.0 | Zinc | 6.32E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Aluminum | 9.95E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Arsenic | 2.89E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Barium | 1.89E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Beryllium | 3.25E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Cadmium | 4.55E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Calcium | 5.41E+03 | | NS | NS | No Standard | No Standard | |
| KP3030202 | 9/5/1996 | 2.0 | Chromium | 7.90E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3030202 | 9/5/1996 | 2.0 | Cobalt | 2.67E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Copper | 2.90E+03 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Iron | 2.19E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Lead | 1.40E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Magnesium | 1.73E+03 | | NS | NS | No Standard | No Standard | |
| KP3030202 | 9/5/1996 | 2.0 | Manganese | 2.44E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Mercury | 5.76E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Molybdenum | 3.29E+00 | J | 3.91E+02 | 3.91E+02 | 3.91E+02 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Nickel | 6.28E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Phosphorus | 1.58E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3030202 | 9/5/1996 | 2.0 | Potassium | 2.88E+03 | | NS | NS | No Standard | No Standard | |
| KP3030202 | 9/5/1996 | 2.0 | Sodium | 4.40E+01 | J | NS | NS | No Standard | No Standard | |
| KP3030202 | 9/5/1996 | 2.0 | Thallium | 1.02E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Vanadium | 2.00E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3030202 | 9/5/1996 | 2.0 | Zinc | 1.31E+03 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Aluminum | 6.57E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Arsenic | 1.98E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Barium | 7.57E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Beryllium | 2.82E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Cadmium | 1.22E+00 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Calcium | 8.55E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP3SS2501 | 9/6/1996 | 1.0 | Chromium | 5.44E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3SS2501 | 9/6/1996 | 1.0 | Cobalt | 2.12E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Copper | 1.01E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Iron | 6.60E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Lead | 5.87E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Magnesium | 1.60E+03 | | NS | NS | No Standard | No Standard | |
| KP3SS2501 | 9/6/1996 | 1.0 | Manganese | 1.36E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Mercury | 6.50E+00 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Nickel | 2.30E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Phosphorus | 1.17E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3SS2501 | 9/6/1996 | 1.0 | Potassium | 1.98E+03 | | NS | NS | No Standard | No Standard | |
| KP3SS2501 | 9/6/1996 | 1.0 | Sodium | 2.37E+01 | J | NS | NS | No Standard | No Standard | |
| KP3SS2501 | 9/6/1996 | 1.0 | Vanadium | 1.39E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3SS2501 | 9/6/1996 | 1.0 | Zinc | 2.79E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Aluminum | 7.34E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Arsenic | 2.00E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Barium | 1.74E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Beryllium | 3.13E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Cadmium | 4.92E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Calcium | 8.38E+03 | | NS | NS | No Standard | No Standard | |
| KP3SS2601 | 9/6/1996 | 1.0 | Chromium | 6.54E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP3SS2601 | 9/6/1996 | 1.0 | Cobalt | 1.85E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Copper | 1.23E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Iron | 6.43E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Lead | 3.87E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Magnesium | 1.57E+03 | | NS | NS | No Standard | No Standard | |
| KP3SS2601 | 9/6/1996 | 1.0 | Manganese | 1.60E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Mercury | 7.55E-01 | | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Nickel | 3.42E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Phosphorus | 1.06E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3SS2601 | 9/6/1996 | 1.0 | Potassium | 2.19E+03 | | NS | NS | No Standard | No Standard | |
| KP3SS2601 | 9/6/1996 | 1.0 | Sodium | 2.58E+01 | J | NS | NS | No Standard | No Standard | |
| KP3SS2601 | 9/6/1996 | 1.0 | Vanadium | 1.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP3SS2601 | 9/6/1996 | 1.0 | Zinc | 3.07E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP4010210 | 9/3/1996 | 10.0 | Aluminum | 1.40E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP4010210 | 9/3/1996 | 10.0 | Antimony | 5.69E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP4010210 | 9/3/1996 | 10.0 | Arsenic | 5.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP4010210 | 9/3/1996 | 10.0 | Barium | 1.67E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP4010210 | 9/3/1996 | 10.0 | Beryllium | 7.54E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP4010210 | 9/3/1996 | 10.0 | Calcium | 7.71E+03 | | NS | NS | No Standard | No Standard | |
| KP4010210 | 9/3/1996 | 10.0 | Chromium | 9.94E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP4010210 | 9/3/1996 | 10.0 | Cobalt | 7.03E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP4010210 | 9/3/1996 | 10.0 | Copper | 9.70E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP4010210 | 9/3/1996 | 10.0 | Iron | 1.52E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP4010210 | 9/3/1996 | 10.0 | Lead | 1.09E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP4010210 | 9/3/1996 | 10.0 | Magnesium | 2.58E+03 | | NS | NS | No Standard | No Standard | |
| KP4010210 | 9/3/1996 | 10.0 | Manganese | 2.15E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP4010210 | 9/3/1996 | 10.0 | Nickel | 6.62E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP4010210 | 9/3/1996 | 10.0 | Phosphorus | 2.40E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP4010210 | 9/3/1996 | 10.0 | Potassium | 2.39E+03 | | NS | NS | No Standard | No Standard | |
| KP4010210 | 9/3/1996 | 10.0 | Sodium | 7.51E+01 | J | NS | NS | No Standard | No Standard | |
| KP4010210 | 9/3/1996 | 10.0 | Vanadium | 2.85E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP4010210 | 9/3/1996 | 10.0 | Zinc | 4.31E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Aluminum | 3.23E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Antimony | 3.58E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Arsenic | 5.70E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP4020105 | 9/3/1996 | 5.0 | Barium | 1.73E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Beryllium | 1.24E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Calcium | 1.22E+04 | | NS | NS | No Standard | No Standard | |
| KP4020105 | 9/3/1996 | 5.0 | Chromium | 1.96E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP4020105 | 9/3/1996 | 5.0 | Cobalt | 8.40E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Copper | 1.63E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Iron | 2.17E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Lead | 1.66E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Magnesium | 5.23E+03 | | NS | NS | No Standard | No Standard | |
| KP4020105 | 9/3/1996 | 5.0 | Manganese | 2.23E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Mercury | 6.31E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Nickel | 1.08E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Phosphorus | 3.23E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP4020105 | 9/3/1996 | 5.0 | Potassium | 5.13E+03 | | NS | NS | No Standard | No Standard | |
| KP4020105 | 9/3/1996 | 5.0 | Sodium | 1.63E+02 | J | NS | NS | No Standard | No Standard | |
| KP4020105 | 9/3/1996 | 5.0 | Thallium | 5.44E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Vanadium | 5.06E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP4020105 | 9/3/1996 | 5.0 | Zinc | 6.83E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Aluminum | 1.57E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Aluminum | 1.44E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Antimony | 2.28E+01 | | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Arsenic | 3.50E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Arsenic | 5.08E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP4AP0314 | 9/3/1996 | 14.0 | Barium | 1.30E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Barium | 1.62E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Beryllium | 6.06E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Beryllium | 8.68E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Calcium | 8.34E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0314 | 9/3/1996 | 14.0 | Calcium | 6.51E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0314 | 9/3/1996 | 14.0 | Chromium | 9.71E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP4AP0314 | 9/3/1996 | 14.0 | Chromium | 1.01E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP4AP0314 | 9/3/1996 | 14.0 | Cobalt | 3.73E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP4AP0314 | 9/3/1996 | 14.0 | Cobalt | 7.66E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Copper | 8.31E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Copper | 1.23E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Iron | 1.16E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Iron | 1.83E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Lead | 2.10E+02 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Lead | 1.36E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Magnesium | 2.76E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0314 | 9/3/1996 | 14.0 | Magnesium | 3.01E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0314 | 9/3/1996 | 14.0 | Manganese | 1.86E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Manganese | 2.94E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Mercury | 4.77E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Nickel | 4.38E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Nickel | 7.88E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Phosphorus | 2.11E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP4AP0314 | 9/3/1996 | 14.0 | Phosphorus | 2.95E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP4AP0314 | 9/3/1996 | 14.0 | Potassium | 3.66E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0314 | 9/3/1996 | 14.0 | Potassium | 2.25E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0314 | 9/3/1996 | 14.0 | Sodium | 1.52E+02 | J | NS | NS | No Standard | No Standard | |
| KP4AP0314 | 9/3/1996 | 14.0 | Sodium | 1.26E+02 | J | NS | NS | No Standard | No Standard | |
| KP4AP0314 | 9/3/1996 | 14.0 | Thallium | 5.04E-01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Vanadium | 2.87E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Vanadium | 3.01E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Zinc | 3.92E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP4AP0314 | 9/3/1996 | 14.0 | Zinc | 5.41E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Aluminum | 1.26E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Antimony | 4.52E+00 | J | 3.13E+01 | 3.13E+01 | 3.13E+01 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Arsenic | 3.56E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Barium | 1.10E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Beryllium | 5.95E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Calcium | 8.89E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0914 | 9/3/1996 | 14.0 | Chromium | 8.29E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KP4AP0914 | 9/3/1996 | 14.0 | Cobalt | 4.28E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Copper | 8.13E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Iron | 1.16E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Lead | 9.46E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Magnesium | 2.54E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0914 | 9/3/1996 | 14.0 | Manganese | 1.89E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Nickel | 4.00E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Phosphorus | 1.92E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP4AP0914 | 9/3/1996 | 14.0 | Potassium | 2.86E+03 | | NS | NS | No Standard | No Standard | |
| KP4AP0914 | 9/3/1996 | 14.0 | Sodium | 1.26E+02 | J | NS | NS | No Standard | No Standard | |
| KP4AP0914 | 9/3/1996 | 14.0 | Vanadium | 2.51E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KP4AP0914 | 9/3/1996 | 14.0 | Zinc | 4.59E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

***Table 5-4***
***Summary of Detected Constituents in Soil***
***Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|

**Notes:**
mg/kg - milligrams per kilogram
NS - no standard
SSL - Soil Screening Level
MSSL - Medium Specific Screening Level
NMED - New Mexico Environment Department
USEPA - US Environmental Protection Agency
feet bgs - feet below ground surface
Proposed - Cleanup level proposed as described in Permit Attachment 7, Section 7.2.
**Flag Codes:**
D - Duplicate
J - Estimated Concentration

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB010101 | 7/25/1996 | 1.0 | Arsenic | 6.65E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB010101 | 7/25/1996 | 1.0 | Phosphorus | 2.68E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB010203 | 7/25/1996 | 3.0 | Arsenic | 6.01E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB010203 | 7/25/1996 | 3.0 | Phosphorus | 2.60E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB010305 | 7/25/1996 | 5.0 | Arsenic | 8.36E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB010305 | 7/25/1996 | 5.0 | Arsenic | 9.02E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB010305 | 7/25/1996 | 5.0 | Iron | 2.70E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB010305 | 7/25/1996 | 5.0 | Iron | 2.88E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB010305 | 7/25/1996 | 5.0 | Phosphorus | 3.13E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB010305 | 7/25/1996 | 5.0 | Phosphorus | 2.92E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB020101 | 7/25/1996 | 1.0 | Arsenic | 4.02E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB020101 | 7/25/1996 | 1.0 | Phosphorus | 1.88E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB020203 | 7/25/1996 | 3.0 | Arsenic | 5.09E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB020203 | 7/25/1996 | 3.0 | Phosphorus | 3.10E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB020305 | 7/25/1996 | 5.0 | Arsenic | 7.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB020305 | 7/25/1996 | 5.0 | Phosphorus | 2.17E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB030101 | 7/25/1996 | 1.0 | Arsenic | 5.29E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB030101 | 7/25/1996 | 1.0 | Phosphorus | 2.25E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB030203 | 7/25/1996 | 3.0 | Arsenic | 8.95E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB030203 | 7/25/1996 | 3.0 | Iron | 3.05E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB030203 | 7/25/1996 | 3.0 | Phosphorus | 2.78E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB030305 | 7/25/1996 | 5.0 | Arsenic | 9.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB030305 | 7/25/1996 | 5.0 | Iron | 3.20E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB030305 | 7/25/1996 | 5.0 | Phosphorus | 3.17E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB040101 | 7/25/1996 | 1.0 | Arsenic | 5.55E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB040101 | 7/25/1996 | 1.0 | Phosphorus | 2.57E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB040203 | 7/25/1996 | 3.0 | Arsenic | 6.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB040203 | 7/25/1996 | 3.0 | Phosphorus | 2.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB040305 | 7/25/1996 | 5.0 | Arsenic | 6.04E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB040305 | 7/25/1996 | 5.0 | Phosphorus | 2.41E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB050101 | 7/25/1996 | 1.0 | Arsenic | 5.80E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB050101 | 7/25/1996 | 1.0 | Arsenic | 5.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB050101 | 7/25/1996 | 1.0 | Phosphorus | 2.39E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB050101 | 7/25/1996 | 1.0 | Phosphorus | 2.82E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB050203 | 7/25/1996 | 3.0 | Arsenic | 5.35E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB050203 | 7/25/1996 | 3.0 | Phosphorus | 2.52E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB050305 | 7/25/1996 | 5.0 | Arsenic | 5.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB050305 | 7/25/1996 | 5.0 | Phosphorus | 2.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB060101 | 7/25/1996 | 1.0 | Phosphorus | 1.91E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB060203 | 7/25/1996 | 3.0 | Phosphorus | 1.94E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB060305 | 7/25/1996 | 5.0 | Arsenic | 4.97E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB060305 | 7/25/1996 | 5.0 | Phosphorus | 2.34E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KB070101 | 7/25/1996 | 1.0 | Phosphorus | 1.57E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB070203 | 7/25/1996 | 3.0 | 2,4,6-Trinitrotoluene | 2.63E+02 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KB070203 | 7/25/1996 | 3.0 | Arsenic | 3.94E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB070203 | 7/25/1996 | 3.0 | Phosphorus | 1.50E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB070305 | 7/25/1996 | 5.0 | 2,4,6-Trinitrotoluene | 1.56E+02 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KB070305 | 7/25/1996 | 5.0 | Arsenic | 7.68E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB070305 | 7/25/1996 | 5.0 | Iron | 3.18E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB070305 | 7/25/1996 | 5.0 | Phosphorus | 2.35E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB080101 | 7/25/1996 | 1.0 | Arsenic | 4.46E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB080101 | 7/25/1996 | 1.0 | Phosphorus | 2.39E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB080203 | 7/25/1996 | 3.0 | Arsenic | 8.18E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB080203 | 7/25/1996 | 3.0 | Iron | 2.55E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB080203 | 7/25/1996 | 3.0 | Phosphorus | 3.07E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KB080305 | 7/25/1996 | 5.0 | Arsenic | 1.17E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KB080305 | 7/25/1996 | 5.0 | Iron | 8.80E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KB080305 | 7/25/1996 | 5.0 | Manganese | 3.80E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | YES |
| KB080305 | 7/25/1996 | 5.0 | Phosphorus | 2.13E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0101 | 7/17/1996 | 1.0 | Arsenic | 8.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0101 | 7/17/1996 | 1.0 | Phosphorus | 3.02E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0201 | 7/17/1996 | 1.0 | Arsenic | 8.85E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0201 | 7/17/1996 | 1.0 | Phosphorus | 3.79E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0301 | 7/17/1996 | 1.0 | Arsenic | 7.86E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0301 | 7/17/1996 | 1.0 | Iron | 2.87E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK0301 | 7/17/1996 | 1.0 | Phosphorus | 5.79E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0401 | 7/17/1996 | 1.0 | Arsenic | 8.75E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0401 | 7/17/1996 | 1.0 | Iron | 2.73E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK0401 | 7/17/1996 | 1.0 | Phosphorus | 4.93E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0501 | 7/17/1996 | 1.0 | Arsenic | 8.84E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0501 | 7/17/1996 | 1.0 | Iron | 3.46E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK0501 | 7/17/1996 | 1.0 | Phosphorus | 3.42E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0601 | 7/17/1996 | 1.0 | Arsenic | 7.80E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0601 | 7/17/1996 | 1.0 | Arsenic | 8.00E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0601 | 7/17/1996 | 1.0 | Phosphorus | 3.30E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0601 | 7/17/1996 | 1.0 | Phosphorus | 3.34E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0701 | 7/17/1996 | 1.0 | Arsenic | 7.20E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0701 | 7/17/1996 | 1.0 | Iron | 2.67E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK0701 | 7/17/1996 | 1.0 | Phosphorus | 5.47E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0801 | 7/17/1996 | 1.0 | Arsenic | 4.72E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0801 | 7/17/1996 | 1.0 | Phosphorus | 5.79E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK0901 | 7/17/1996 | 1.0 | Arsenic | 6.65E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK0901 | 7/17/1996 | 1.0 | Iron | 2.86E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK0901 | 7/17/1996 | 1.0 | Phosphorus | 6.88E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1001 | 7/17/1996 | 1.0 | Arsenic | 7.16E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KBK1001 | 7/17/1996 | 1.0 | Phosphorus | 3.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1101 | 7/17/1996 | 1.0 | Arsenic | 8.23E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1101 | 7/17/1996 | 1.0 | Iron | 2.78E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK1101 | 7/17/1996 | 1.0 | Phosphorus | 5.16E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1201 | 7/17/1996 | 1.0 | Arsenic | 7.99E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1201 | 7/17/1996 | 1.0 | Phosphorus | 9.11E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1301 | 7/17/1996 | 1.0 | Arsenic | 7.98E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1301 | 7/17/1996 | 1.0 | Iron | 2.84E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK1301 | 7/17/1996 | 1.0 | Phosphorus | 3.45E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1401 | 7/17/1996 | 1.0 | Arsenic | 7.90E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1401 | 7/17/1996 | 1.0 | Iron | 2.72E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KBK1401 | 7/17/1996 | 1.0 | Phosphorus | 4.12E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1501 | 7/17/1996 | 1.0 | Arsenic | 7.26E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1501 | 7/17/1996 | 1.0 | Phosphorus | 2.89E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1601 | 7/17/1996 | 1.0 | Arsenic | 7.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1601 | 7/17/1996 | 1.0 | Phosphorus | 2.98E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1701 | 7/17/1996 | 1.0 | Arsenic | 8.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1701 | 7/17/1996 | 1.0 | Phosphorus | 2.90E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1801 | 7/17/1996 | 1.0 | Arsenic | 8.48E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1801 | 7/17/1996 | 1.0 | Phosphorus | 2.99E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK1901 | 7/17/1996 | 1.0 | Arsenic | 7.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK1901 | 7/17/1996 | 1.0 | Phosphorus | 3.87E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KBK2001 | 7/17/1996 | 1.0 | Arsenic | 6.40E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KBK2001 | 7/17/1996 | 1.0 | Phosphorus | 2.70E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1010103 | 8/21/1996 | 3.0 | Arsenic | 5.35E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1010103 | 8/21/1996 | 3.0 | Phosphorus | 2.96E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1010713 | 8/23/1996 | 13.0 | Arsenic | 5.29E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1010713 | 8/23/1996 | 13.0 | Phosphorus | 3.15E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1011113 | 8/23/1996 | 13.0 | Arsenic | 4.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1011113 | 8/23/1996 | 13.0 | Phosphorus | 3.43E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1011613 | 8/23/1996 | 13.0 | Arsenic | 5.54E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1011613 | 8/23/1996 | 13.0 | Phosphorus | 3.39E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1020408 | 8/23/1996 | 8.0 | Arsenic | 5.37E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1020408 | 8/23/1996 | 8.0 | Phosphorus | 3.14E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1030703 | 8/22/1996 | 3.0 | Arsenic | 5.13E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1030703 | 8/22/1996 | 3.0 | Phosphorus | 2.90E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1031010 | 8/23/1996 | 10.0 | Arsenic | 5.24E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1031010 | 8/23/1996 | 10.0 | Phosphorus | 4.20E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1031513 | 8/23/1996 | 13.0 | Arsenic | 5.95E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1031513 | 8/23/1996 | 13.0 | Phosphorus | 3.28E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1032120 | 8/23/1996 | 20.0 | Arsenic | 5.30E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1032120 | 8/23/1996 | 20.0 | Phosphorus | 3.78E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1032418 | 8/23/1996 | 18.0 | Arsenic | 4.46E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA1032418 | 8/23/1996 | 18.0 | Phosphorus | 2.92E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1034111 | 8/23/1996 | 11.0 | Arsenic | 5.52E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1034111 | 8/23/1996 | 11.0 | Phosphorus | 3.90E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1040820 | 8/22/1996 | 20.0 | Arsenic | 7.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1040820 | 8/22/1996 | 20.0 | Iron | 2.36E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA1040820 | 8/22/1996 | 20.0 | Phosphorus | 1.68E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1040904 | 8/22/1996 | 4.0 | Arsenic | 5.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1040904 | 8/22/1996 | 4.0 | Phosphorus | 3.73E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1041105 | 8/22/1996 | 5.0 | Arsenic | 5.03E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1041105 | 8/22/1996 | 5.0 | Phosphorus | 3.73E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1041720 | 8/22/1996 | 20.0 | Arsenic | 5.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1041720 | 8/22/1996 | 20.0 | Phosphorus | 4.15E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1042003 | 8/22/1996 | 3.0 | Arsenic | 5.58E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1042003 | 8/22/1996 | 3.0 | Phosphorus | 3.83E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1042203 | 8/22/1996 | 3.0 | Arsenic | 5.57E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1042203 | 8/22/1996 | 3.0 | Phosphorus | 2.71E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1043220 | 8/22/1996 | 20.0 | Arsenic | 5.73E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1043220 | 8/22/1996 | 20.0 | Phosphorus | 4.01E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA1050103 | 8/23/1996 | 3.0 | Arsenic | 5.31E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA1050103 | 8/23/1996 | 3.0 | Phosphorus | 3.99E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2011608 | 8/28/1996 | 8.0 | Arsenic | 5.39E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2011608 | 8/28/1996 | 8.0 | Phosphorus | 3.68E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2014005 | 9/7/1996 | 5.0 | Arsenic | 5.77E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2014005 | 9/7/1996 | 5.0 | Phosphorus | 4.27E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2014105 | 9/7/1996 | 5.0 | Arsenic | 5.60E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2014105 | 9/7/1996 | 5.0 | Phosphorus | 3.92E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2014213 | 9/7/1996 | 13.0 | Arsenic | 6.05E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2014213 | 9/7/1996 | 13.0 | Iron | 2.70E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA2014213 | 9/7/1996 | 13.0 | Phosphorus | 4.41E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2014305 | 9/7/1996 | 5.0 | Arsenic | 6.03E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2014305 | 9/7/1996 | 5.0 | Phosphorus | 3.08E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2014405 | 9/7/1996 | 5.0 | Arsenic | 5.59E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2014405 | 9/7/1996 | 5.0 | Phosphorus | 3.78E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2020504 | 8/26/1996 | 4.0 | Arsenic | 5.36E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2020504 | 8/26/1996 | 4.0 | Phosphorus | 3.64E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2020813 | 8/26/1996 | 13.0 | Arsenic | 5.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2020813 | 8/26/1996 | 13.0 | Phosphorus | 3.99E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2021305 | 8/26/1996 | 5.0 | Arsenic | 4.96E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2021305 | 8/26/1996 | 5.0 | Phosphorus | 3.99E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2022213 | 8/28/1996 | 13.0 | Arsenic | 8.50E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2022213 | 8/28/1996 | 13.0 | Phosphorus | 2.78E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2024011 | 9/7/1996 | 11.0 | Arsenic | 6.57E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2024011 | 9/7/1996 | 11.0 | Phosphorus | 3.18E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA2030203 | 8/24/1996 | 3.0 | Arsenic | 5.43E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2030203 | 8/24/1996 | 3.0 | Phosphorus | 3.35E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2030408 | 8/28/1996 | 8.0 | Arsenic | 5.51E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2030408 | 8/28/1996 | 8.0 | Phosphorus | 3.90E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2034020 | 9/7/1996 | 20.0 | Arsenic | 5.20E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2034020 | 9/7/1996 | 20.0 | Phosphorus | 3.76E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2040703 | 8/26/1996 | 3.0 | Arsenic | 5.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2040703 | 8/26/1996 | 3.0 | Phosphorus | 3.47E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2040903 | 8/26/1996 | 3.0 | Arsenic | 6.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2040903 | 8/26/1996 | 3.0 | Phosphorus | 3.72E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2041508 | 8/26/1996 | 8.0 | Arsenic | 5.26E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2041508 | 8/26/1996 | 8.0 | Phosphorus | 3.55E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2042108 | 8/26/1996 | 8.0 | Arsenic | 5.21E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2042108 | 8/26/1996 | 8.0 | Phosphorus | 3.88E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2042501 | 8/28/1996 | 1.0 | Arsenic | 5.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2042501 | 8/28/1996 | 1.0 | Phosphorus | 5.25E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2044020 | 9/7/1996 | 20.0 | Arsenic | 5.20E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2044020 | 9/7/1996 | 20.0 | Phosphorus | 2.83E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2050203 | 8/24/1996 | 3.0 | Arsenic | 5.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2050203 | 8/24/1996 | 3.0 | Phosphorus | 3.57E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2054018 | 9/7/1996 | 18.0 | Arsenic | 5.85E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2054018 | 9/7/1996 | 18.0 | Phosphorus | 2.89E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA2064006 | 9/7/1996 | 6.0 | Arsenic | 6.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA2064006 | 9/7/1996 | 6.0 | Phosphorus | 3.70E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3014003 | 8/6/1996 | 3.0 | Phosphorus | 6.20E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3014020 | 9/5/1996 | 20.0 | Phosphorus | 1.97E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3014105 | 9/5/1996 | 5.0 | Phosphorus | 1.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3014220 | 9/5/1996 | 20.0 | Phosphorus | 1.85E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3020313 | 8/9/1996 | 13.0 | Arsenic | 5.79E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3020313 | 8/9/1996 | 13.0 | Phosphorus | 3.11E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3020511 | 8/9/1996 | 11.0 | Arsenic | 4.88E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3020511 | 8/9/1996 | 11.0 | Phosphorus | 2.92E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3030412 | 8/9/1996 | 12.0 | Arsenic | 5.11E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3031005 | 9/5/1996 | 5.0 | Arsenic | 4.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3031005 | 9/5/1996 | 5.0 | Phosphorus | 2.55E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3040903 | 8/10/1996 | 3.0 | Phosphorus | 1.14E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3041009 | 8/10/1996 | 9.0 | Arsenic | 6.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3041009 | 8/10/1996 | 9.0 | Phosphorus | 3.68E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3041415 | 8/12/1996 | 15.0 | Arsenic | 5.36E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3041415 | 8/12/1996 | 15.0 | Phosphorus | 2.84E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3050103 | 8/12/1996 | 3.0 | Arsenic | 6.04E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3050103 | 8/12/1996 | 3.0 | Phosphorus | 2.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3050401 | 8/19/1996 | 1.0 | Arsenic | 4.94E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3050401 | 8/19/1996 | 1.0 | Phosphorus | 2.95E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3050502 | 9/5/1996 | 2.0 | Phosphorus | 1.91E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3050602 | 9/5/1996 | 2.0 | Phosphorus | 1.16E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3050702 | 9/5/1996 | 2.0 | Phosphorus | 1.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3060712 | 8/12/1996 | 12.0 | Arsenic | 5.78E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3060712 | 8/12/1996 | 12.0 | Phosphorus | 2.54E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3060903 | 8/12/1996 | 3.0 | Phosphorus | 1.01E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3061101 | 8/19/1996 | 1.0 | Arsenic | 1.12E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3061101 | 8/19/1996 | 1.0 | Iron | 3.27E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3061101 | 8/19/1996 | 1.0 | Phosphorus | 2.75E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3070219 | 8/12/1996 | 19.0 | Phosphorus | 1.28E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3070703 | 8/12/1996 | 3.0 | Phosphorus | 1.19E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3071000 | 8/19/1996 | 0.5 | Arsenic | 2.50E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3071000 | 8/19/1996 | 0.5 | Iron | 9.20E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3071000 | 8/19/1996 | 0.5 | Phosphorus | 3.60E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3080105 | 8/13/1996 | 5.0 | Arsenic | 5.87E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3080105 | 8/13/1996 | 5.0 | Arsenic | 5.14E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3080105 | 8/13/1996 | 5.0 | Phosphorus | 2.43E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3080105 | 8/13/1996 | 5.0 | Phosphorus | 2.17E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3081304 | 8/13/1996 | 4.0 | Arsenic | 4.09E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3081304 | 8/13/1996 | 4.0 | Phosphorus | 9.79E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3081403 | 8/13/1996 | 3.0 | Phosphorus | 9.20E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3081603 | 8/13/1996 | 3.0 | Arsenic | 5.17E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3081603 | 8/13/1996 | 3.0 | Phosphorus | 7.89E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3082221 | 8/13/1996 | 21.0 | Arsenic | 4.78E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3082221 | 8/13/1996 | 21.0 | Phosphorus | 1.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3082304 | 8/13/1996 | 4.0 | Phosphorus | 7.86E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3082801 | 8/19/1996 | 1.0 | Arsenic | 1.03E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3082801 | 8/19/1996 | 1.0 | Iron | 3.00E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3082801 | 8/19/1996 | 1.0 | Phosphorus | 2.63E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3084002 | 9/5/1996 | 2.0 | Phosphorus | 1.08E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3090502 | 9/5/1996 | 2.0 | Phosphorus | 1.34E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3090602 | 9/5/1996 | 2.0 | Arsenic | 4.55E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3090602 | 9/5/1996 | 2.0 | Phosphorus | 2.26E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3100109 | 8/14/1996 | 9.0 | Arsenic | 5.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3100109 | 8/14/1996 | 9.0 | Phosphorus | 2.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3100701 | 8/19/1996 | 1.0 | Arsenic | 5.58E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3100701 | 8/19/1996 | 1.0 | Phosphorus | 3.42E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3100801 | 8/19/1996 | 1.0 | Arsenic | 5.84E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3100801 | 8/19/1996 | 1.0 | Phosphorus | 3.04E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3104007 | 9/4/1996 | 7.0 | Arsenic | 3.99E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3104007 | 9/4/1996 | 7.0 | Phosphorus | 1.58E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3104107 | 9/4/1996 | 7.0 | Arsenic | 3.97E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3104107 | 9/4/1996 | 7.0 | Phosphorus | 1.20E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3104205 | 9/4/1996 | 5.0 | Phosphorus | 1.24E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3104305 | 9/4/1996 | 5.0 | Phosphorus | 1.43E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3104402 | 9/4/1996 | 2.0 | Phosphorus | 7.94E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3110102 | 8/15/1996 | 2.0 | Arsenic | 5.19E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3110102 | 8/15/1996 | 2.0 | Phosphorus | 3.49E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3110203 | 8/15/1996 | 3.0 | Arsenic | 3.98E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3110203 | 8/15/1996 | 3.0 | Phosphorus | 1.72E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3110403 | 8/15/1996 | 3.0 | Phosphorus | 1.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3110501 | 8/19/1996 | 1.0 | Arsenic | 4.94E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3110501 | 8/19/1996 | 1.0 | Phosphorus | 3.96E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3120102 | 9/5/1996 | 2.0 | Phosphorus | 1.06E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3120202 | 9/5/1996 | 2.0 | Phosphorus | 2.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3130102 | 9/5/1996 | 2.0 | Phosphorus | 1.23E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3130202 | 9/5/1996 | 2.0 | Phosphorus | 1.00E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3140103 | 8/16/1996 | 3.0 | Phosphorus | 8.80E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3140405 | 8/16/1996 | 5.0 | Arsenic | 4.38E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3140405 | 8/16/1996 | 5.0 | Manganese | 4.90E+03 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | YES |
| KGA3140405 | 8/16/1996 | 5.0 | Phosphorus | 1.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3140510 | 8/16/1996 | 10.0 | Phosphorus | 1.45E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3140804 | 8/16/1996 | 4.0 | Phosphorus | 9.69E+01 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3144005 | 9/4/1996 | 5.0 | Arsenic | 5.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3144005 | 9/4/1996 | 5.0 | Phosphorus | 2.42E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3144102 | 9/4/1996 | 2.0 | Phosphorus | 1.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0101 | 9/6/1996 | 1.0 | Phosphorus | 1.37E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0201 | 9/6/1996 | 1.0 | Phosphorus | 1.70E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0301 | 9/6/1996 | 1.0 | Arsenic | 4.31E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA3SS0301 | 9/6/1996 | 1.0 | Phosphorus | 1.24E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0401 | 9/6/1996 | 1.0 | Phosphorus | 1.31E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0501 | 9/6/1996 | 1.0 | Phosphorus | 1.43E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0601 | 9/6/1996 | 1.0 | Phosphorus | 1.18E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0701 | 9/6/1996 | 1.0 | Iron | 3.36E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA3SS0701 | 9/6/1996 | 1.0 | Phosphorus | 1.73E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0801 | 9/6/1996 | 1.0 | Phosphorus | 1.26E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS0901 | 9/6/1996 | 1.0 | Phosphorus | 1.36E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1001 | 9/6/1996 | 1.0 | Phosphorus | 1.43E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1101 | 9/6/1996 | 1.0 | Phosphorus | 1.40E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1201 | 9/6/1996 | 1.0 | Phosphorus | 1.25E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1301 | 9/6/1996 | 1.0 | Phosphorus | 1.09E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1401 | 9/6/1996 | 1.0 | Phosphorus | 1.65E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1501 | 9/6/1996 | 1.0 | Phosphorus | 1.35E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1601 | 9/6/1996 | 1.0 | Phosphorus | 1.50E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1701 | 9/6/1996 | 1.0 | Arsenic | 4.67E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA3SS1701 | 9/6/1996 | 1.0 | Phosphorus | 2.48E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA3SS1801 | 9/6/1996 | 1.0 | Phosphorus | 1.26E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4013015 | 9/4/1996 | 15.0 | Phosphorus | 2.35E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4013115 | 9/4/1996 | 15.0 | Arsenic | 4.82E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4013115 | 9/4/1996 | 15.0 | Phosphorus | 2.66E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4013210 | 9/4/1996 | 10.0 | Arsenic | 4.78E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4013210 | 9/4/1996 | 10.0 | Phosphorus | 2.85E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4013315 | 9/4/1996 | 15.0 | Phosphorus | 1.29E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020205 | 8/9/1996 | 5.0 | Arsenic | 6.28E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020205 | 8/9/1996 | 5.0 | Phosphorus | 3.13E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020510 | 8/9/1996 | 10.0 | Arsenic | 5.34E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020510 | 8/9/1996 | 10.0 | Phosphorus | 2.64E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020602 | 8/10/1996 | 2.0 | Arsenic | 5.53E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020602 | 8/10/1996 | 2.0 | Phosphorus | 2.76E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020702 | 9/4/1996 | 2.0 | Arsenic | 5.60E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020702 | 9/4/1996 | 2.0 | Phosphorus | 2.57E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020815 | 9/4/1996 | 15.0 | Arsenic | 4.99E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020815 | 9/4/1996 | 15.0 | Phosphorus | 2.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4020908 | 9/4/1996 | 8.0 | Arsenic | 5.28E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4020908 | 9/4/1996 | 8.0 | Phosphorus | 2.45E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4030410 | 8/10/1996 | 10.0 | Phosphorus | 1.40E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4030706 | 8/10/1996 | 6.0 | Arsenic | 6.00E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4030706 | 8/10/1996 | 6.0 | Phosphorus | 3.90E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4031005 | 9/5/1996 | 5.0 | Arsenic | 4.46E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4031005 | 9/5/1996 | 5.0 | Phosphorus | 2.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4031105 | 9/5/1996 | 5.0 | Arsenic | 5.36E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4031105 | 9/5/1996 | 5.0 | Phosphorus | 3.34E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040402 | 8/9/1996 | 2.0 | Arsenic | 5.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040402 | 8/9/1996 | 2.0 | Phosphorus | 3.07E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040500 | 8/9/1996 | 0.5 | Arsenic | 5.66E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040500 | 8/9/1996 | 0.5 | Phosphorus | 8.01E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040605 | 9/5/1996 | 5.0 | Arsenic | 5.56E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040605 | 9/5/1996 | 5.0 | Phosphorus | 2.37E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040609 | 8/9/1996 | 9.0 | Arsenic | 5.50E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040609 | 8/9/1996 | 9.0 | Phosphorus | 2.55E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040705 | 9/5/1996 | 5.0 | Arsenic | 5.24E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040705 | 9/5/1996 | 5.0 | Phosphorus | 3.17E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4040805 | 9/5/1996 | 5.0 | Arsenic | 5.64E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4040805 | 9/5/1996 | 5.0 | Phosphorus | 2.64E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4060401 | 8/8/1996 | 1.0 | Arsenic | 4.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4060401 | 8/8/1996 | 1.0 | Phosphorus | 2.33E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4060702 | 8/9/1996 | 2.0 | Arsenic | 4.54E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4090403 | 8/8/1996 | 3.0 | Phosphorus | 1.24E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KGA4090502 | 8/8/1996 | 2.0 | Phosphorus | 1.02E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4090615 | 9/4/1996 | 15.0 | Arsenic | 4.97E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4090615 | 9/4/1996 | 15.0 | Phosphorus | 2.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4100305 | 8/17/1996 | 5.0 | Arsenic | 6.80E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4100305 | 8/17/1996 | 5.0 | Phosphorus | 2.49E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4101103 | 8/17/1996 | 3.0 | Arsenic | 4.95E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4101103 | 8/17/1996 | 3.0 | Phosphorus | 2.98E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4101303 | 8/17/1996 | 3.0 | Phosphorus | 2.56E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4110105 | 9/5/1996 | 5.0 | Arsenic | 5.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA4110105 | 9/5/1996 | 5.0 | Iron | 2.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KGA4110105 | 9/5/1996 | 5.0 | Phosphorus | 3.80E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4SS1801 | 9/6/1996 | 1.0 | Phosphorus | 1.82E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4SS1901 | 9/6/1996 | 1.0 | Phosphorus | 2.10E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4SS2001 | 9/6/1996 | 1.0 | Phosphorus | 1.53E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4SS2101 | 9/6/1996 | 1.0 | Phosphorus | 1.03E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA4SS2701 | 9/6/1996 | 1.0 | Phosphorus | 1.44E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA5010502 | 9/4/1996 | 2.0 | Arsenic | 5.64E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA5010502 | 9/4/1996 | 2.0 | Phosphorus | 3.26E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA5010612 | 9/4/1996 | 12.0 | Arsenic | 4.11E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA5010612 | 9/4/1996 | 12.0 | Phosphorus | 2.25E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA5021806 | 7/31/1996 | 6.0 | Phosphorus | 2.37E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KGA5021906 | 7/31/1996 | 6.0 | Arsenic | 5.71E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KGA5021906 | 7/31/1996 | 6.0 | Phosphorus | 3.69E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090101 | 9/3/1996 | 1.0 | Arsenic | 4.89E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090205 | 9/3/1996 | 5.0 | Arsenic | 5.53E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090205 | 9/3/1996 | 5.0 | Arsenic | 5.89E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090205 | 9/3/1996 | 5.0 | Phosphorus | 2.48E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090205 | 9/3/1996 | 5.0 | Phosphorus | 2.96E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090310 | 9/3/1996 | 10.0 | Arsenic | 5.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090310 | 9/3/1996 | 10.0 | Phosphorus | 3.95E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090415 | 9/3/1996 | 15.0 | Arsenic | 4.99E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090415 | 9/3/1996 | 15.0 | Phosphorus | 3.30E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090520 | 9/3/1996 | 20.0 | Arsenic | 4.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090520 | 9/3/1996 | 20.0 | Phosphorus | 3.11E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090625 | 9/3/1996 | 25.0 | Arsenic | 6.65E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090625 | 9/3/1996 | 25.0 | Phosphorus | 2.70E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090730 | 9/3/1996 | 30.0 | Arsenic | 4.01E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090730 | 9/3/1996 | 30.0 | Phosphorus | 1.67E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090835 | 9/3/1996 | 35.0 | Arsenic | 5.44E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090835 | 9/3/1996 | 35.0 | Iron | 6.40E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW090835 | 9/3/1996 | 35.0 | Phosphorus | 2.84E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW090940 | 9/3/1996 | 40.0 | Arsenic | 7.81E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW090940 | 9/3/1996 | 40.0 | Iron | 2.73E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW090940 | 9/3/1996 | 40.0 | Phosphorus | 5.88E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100101 | 8/22/1996 | 1.0 | Phosphorus | 1.54E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100205 | 8/22/1996 | 5.0 | Arsenic | 5.32E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100205 | 8/22/1996 | 5.0 | Phosphorus | 3.21E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100310 | 8/22/1996 | 10.0 | Arsenic | 5.37E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100310 | 8/22/1996 | 10.0 | Arsenic | 5.06E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100310 | 8/22/1996 | 10.0 | Phosphorus | 2.92E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100310 | 8/22/1996 | 10.0 | Phosphorus | 2.56E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100415 | 8/22/1996 | 15.0 | Arsenic | 5.36E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100415 | 8/22/1996 | 15.0 | Phosphorus | 2.36E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100520 | 8/22/1996 | 20.0 | Arsenic | 4.24E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100520 | 8/22/1996 | 20.0 | Phosphorus | 2.36E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100625 | 8/22/1996 | 25.0 | Arsenic | 9.15E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW100625 | 8/22/1996 | 25.0 | Iron | 3.42E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW100625 | 8/22/1996 | 25.0 | Phosphorus | 2.45E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100730 | 8/22/1996 | 30.0 | Phosphorus | 2.08E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW100835 | 8/22/1996 | 35.0 | Phosphorus | 1.40E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110101 | 8/6/1996 | 1.0 | Phosphorus | 2.37E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110205 | 8/6/1996 | 5.0 | Arsenic | 6.35E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110205 | 8/6/1996 | 5.0 | Arsenic | 7.82E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110205 | 8/6/1996 | 5.0 | Iron | 2.43E+04 | D | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110205 | 8/6/1996 | 5.0 | Phosphorus | 4.36E+02 | D | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110205 | 8/6/1996 | 5.0 | Phosphorus | 3.15E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110310 | 8/6/1996 | 10.0 | Arsenic | 5.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110310 | 8/6/1996 | 10.0 | Phosphorus | 2.70E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110415 | 8/6/1996 | 15.0 | Arsenic | 8.47E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110415 | 8/6/1996 | 15.0 | Iron | 2.72E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110415 | 8/6/1996 | 15.0 | Phosphorus | 4.32E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110520 | 8/6/1996 | 20.0 | Arsenic | 1.21E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110520 | 8/6/1996 | 20.0 | Iron | 3.33E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110520 | 8/6/1996 | 20.0 | Phosphorus | 4.96E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110520 | 8/6/1996 | 20.0 | Vanadium | 8.46E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| KMW110625 | 8/6/1996 | 25.0 | Arsenic | 1.00E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110625 | 8/6/1996 | 25.0 | Iron | 3.03E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110625 | 8/6/1996 | 25.0 | Phosphorus | 5.24E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110625 | 8/6/1996 | 25.0 | Vanadium | 8.87E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| KMW110730 | 8/6/1996 | 30.0 | Arsenic | 1.41E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110730 | 8/6/1996 | 30.0 | Phosphorus | 4.31E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110835 | 8/6/1996 | 35.0 | Arsenic | 1.37E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW110835 | 8/6/1996 | 35.0 | Iron | 3.19E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110835 | 8/6/1996 | 35.0 | Phosphorus | 5.27E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW110835 | 8/6/1996 | 35.0 | Vanadium | 8.59E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| KMW110940 | 8/6/1996 | 40.0 | Arsenic | 1.18E+01 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW110940 | 8/6/1996 | 40.0 | Iron | 2.87E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW110940 | 8/6/1996 | 40.0 | Phosphorus | 7.02E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW111045 | 8/6/1996 | 45.0 | Arsenic | 5.66E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW111045 | 8/6/1996 | 45.0 | Iron | 2.63E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW111045 | 8/6/1996 | 45.0 | Phosphorus | 5.83E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW111150 | 8/6/1996 | 50.0 | Arsenic | 4.39E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW111150 | 8/6/1996 | 50.0 | Iron | 2.91E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW111150 | 8/6/1996 | 50.0 | Phosphorus | 5.75E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW111255 | 8/6/1996 | 55.0 | Arsenic | 6.05E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KMW111255 | 8/6/1996 | 55.0 | Iron | 3.91E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW111255 | 8/6/1996 | 55.0 | Phosphorus | 4.76E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW111255 | 8/6/1996 | 55.0 | Vanadium | 8.64E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| KMW111358 | 8/7/1996 | 58.0 | Iron | 4.03E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KMW111358 | 8/7/1996 | 58.0 | Phosphorus | 6.46E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KMW111358 | 8/7/1996 | 58.0 | Vanadium | 1.08E+02 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | YES |
| KP1010111 | 8/20/1996 | 11.0 | Arsenic | 6.58E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1010111 | 8/20/1996 | 11.0 | Phosphorus | 4.21E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1010207 | 8/20/1996 | 7.0 | Arsenic | 6.18E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1010207 | 8/20/1996 | 7.0 | Phosphorus | 3.96E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1010315 | 8/21/1996 | 15.0 | Arsenic | 6.70E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1010315 | 8/21/1996 | 15.0 | Phosphorus | 3.41E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1010503 | 8/21/1996 | 3.0 | Arsenic | 7.21E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1010503 | 8/21/1996 | 3.0 | Phosphorus | 4.98E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1020208 | 8/20/1996 | 8.0 | Arsenic | 6.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1020208 | 8/20/1996 | 8.0 | Phosphorus | 4.44E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1020605 | 8/20/1996 | 5.0 | Arsenic | 6.57E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1020605 | 8/20/1996 | 5.0 | Phosphorus | 4.20E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1020804 | 8/21/1996 | 4.0 | Arsenic | 6.17E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1020804 | 8/21/1996 | 4.0 | Phosphorus | 3.16E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1030408 | 8/21/1996 | 8.0 | Arsenic | 6.55E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1030408 | 8/21/1996 | 8.0 | Phosphorus | 3.80E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP1030608 | 8/21/1996 | 8.0 | Arsenic | 6.30E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP1030608 | 8/21/1996 | 8.0 | Phosphorus | 4.55E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2010907 | 8/7/1996 | 7.0 | Arsenic | 5.06E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2010907 | 8/7/1996 | 7.0 | Phosphorus | 2.55E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2011102 | 8/7/1996 | 2.0 | Arsenic | 5.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2011102 | 8/7/1996 | 2.0 | Phosphorus | 2.94E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2033005 | 9/4/1996 | 5.0 | Arsenic | 4.80E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2033005 | 9/4/1996 | 5.0 | Phosphorus | 2.50E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2033105 | 9/4/1996 | 5.0 | Phosphorus | 1.02E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2033205 | 9/4/1996 | 5.0 | Phosphorus | 1.59E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2033305 | 9/4/1996 | 5.0 | Arsenic | 4.40E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2033305 | 9/4/1996 | 5.0 | Phosphorus | 3.27E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KP2040601 | 8/6/1996 | 1.0 | Phosphorus | 2.11E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2041001 | 8/6/1996 | 1.0 | Arsenic | 5.27E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2041001 | 8/6/1996 | 1.0 | Phosphorus | 2.64E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2050701 | 8/7/1996 | 1.0 | Arsenic | 1.03E+01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2050701 | 8/7/1996 | 1.0 | Iron | 9.30E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KP2050701 | 8/7/1996 | 1.0 | Phosphorus | 3.26E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2050902 | 8/8/1996 | 2.0 | Arsenic | 6.47E+00 | D | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2050902 | 8/8/1996 | 2.0 | Arsenic | 5.57E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2050902 | 8/8/1996 | 2.0 | Phosphorus | 3.09E+02 | DJ | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2050902 | 8/8/1996 | 2.0 | Phosphorus | 3.00E+02 | J | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2051501 | 9/5/1996 | 1.0 | Arsenic | 4.52E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP2051501 | 9/5/1996 | 1.0 | Phosphorus | 2.86E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2SS2201 | 9/6/1996 | 1.0 | Phosphorus | 1.16E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2SS2301 | 9/6/1996 | 1.0 | Phosphorus | 5.98E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP2SS2401 | 9/6/1996 | 1.0 | Phosphorus | 1.37E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014005 | 9/3/1996 | 5.0 | Arsenic | 4.74E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3014005 | 9/3/1996 | 5.0 | Phosphorus | 1.31E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014207 | 9/3/1996 | 7.0 | Arsenic | 5.30E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3014207 | 9/3/1996 | 7.0 | Phosphorus | 3.03E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014305 | 9/3/1996 | 5.0 | Arsenic | 4.67E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3014305 | 9/3/1996 | 5.0 | Phosphorus | 2.50E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014408 | 9/3/1996 | 8.0 | Arsenic | 4.49E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3014408 | 9/3/1996 | 8.0 | Phosphorus | 3.32E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014515 | 9/3/1996 | 15.0 | Phosphorus | 1.35E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3014915 | 9/3/1996 | 15.0 | Arsenic | 5.49E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3014915 | 9/3/1996 | 15.0 | Phosphorus | 2.55E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3020913 | 7/31/1996 | 13.0 | Arsenic | 9.67E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3020913 | 7/31/1996 | 13.0 | Iron | 4.57E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KP3020913 | 7/31/1996 | 13.0 | Phosphorus | 2.91E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3021118 | 7/31/1996 | 18.0 | Arsenic | 5.02E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP3021118 | 7/31/1996 | 18.0 | Phosphorus | 2.72E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3030102 | 9/5/1996 | 2.0 | Phosphorus | 1.31E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3030202 | 9/5/1996 | 2.0 | Phosphorus | 1.58E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3SS2501 | 9/6/1996 | 1.0 | Phosphorus | 1.17E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP3SS2601 | 9/6/1996 | 1.0 | Phosphorus | 1.06E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP4010210 | 9/3/1996 | 10.0 | Arsenic | 5.07E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP4010210 | 9/3/1996 | 10.0 | Phosphorus | 2.40E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP4020105 | 9/3/1996 | 5.0 | Arsenic | 5.70E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP4020105 | 9/3/1996 | 5.0 | Phosphorus | 3.23E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP4AP0314 | 9/3/1996 | 14.0 | Arsenic | 5.08E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KP4AP0314 | 9/3/1996 | 14.0 | Phosphorus | 2.11E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP4AP0314 | 9/3/1996 | 14.0 | Phosphorus | 2.95E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KP4AP0914 | 9/3/1996 | 14.0 | Phosphorus | 1.92E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |

***Table 5-5***
***Summary of Detected Constituents in Soil Exceeding Cleanup Levels, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KSA010101 | 10/24/1996 | 1.0 | 2,4,6-Trinitrotoluene | 5.17E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KSA010202 | 10/24/1996 | 2.0 | 2,4,6-Trinitrotoluene | 5.31E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KSA030101 | 10/24/1996 | 1.0 | 2,4,6-Trinitrotoluene | 8.24E+02 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KSA030202 | 10/24/1996 | 2.0 | 2,4,6-Trinitrotoluene | 4.75E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KB010305 | 7/25/1996 | 5.0 | Aluminum | 1.45E+04 | D | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |

**Notes:**
mg/kg - milligrams per kilogram
NS - no standard
SSL - Soil Screening Level
MSSL - Medium Specific Screening Level
NMED - New Mexico Environment Department
USEPA - US Environmental Protection Agency
feet bgs - feet below ground surface
Proposed - Cleanup level proposed as described in Permit Attachment 7, Section 7.2.
**Flag Codes:**
D - Duplicate
J - Estimated Concentration

***Table 5-6***
***Summary of Detected Constituents in Surface Water Samples, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Aluminum | 1.71E+05 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Arsenic | 1.33E+01 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Barium | 4.90E+02 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Beryllium | 3.12E+00 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Cadmium | 5.43E-01 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Calcium | 5.77E+04 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Chromium | 3.73E+01 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Cobalt | 2.10E+01 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Copper | 4.42E+01 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Hardness | 1.31E+05 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Iron | 1.29E+05 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Lead | 5.10E+01 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Magnesium | 3.46E+04 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Manganese | 4.70E+02 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Mercury | 3.49E-01 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Nickel | 2.92E+01 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Phosphorus | 2.90E+03 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Potassium | 3.58E+04 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Salinity | 1.53E+05 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Selenium | 2.67E+00 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Silver | 3.08E-01 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Sodium | 8.42E+03 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Thallium | 7.91E-01 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Total suspended solids | 6.88E+06 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Vanadium | 9.66E+01 | UGL | |
| CSW | STRM | KSW01 | 8/8/1996 | 0.0 | Zinc | 2.30E+02 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | 2,6-Dinitrotoluene | 2.40E+00 | UGL | J |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Aluminum | 1.06E+05 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Antimony | 1.02E+00 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Arsenic | 3.92E+01 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Barium | 1.50E+03 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Beryllium | 1.11E+01 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Cadmium | 1.53E+00 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Calcium | 4.57E+04 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Chromium | 1.29E+02 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Cobalt | 6.97E+01 | UGL | |

***Table 5-6***
***Summary of Detected Constituents in Surface Water Samples, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Copper | 1.54E+02 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Hardness | 1.62E+05 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Iron | 1.01E+05 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Lead | 1.48E+02 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Magnesium | 2.47E+04 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Manganese | 1.80E+03 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Mercury | 2.87E-01 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Nickel | 9.41E+01 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Phosphorus | 1.50E+03 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Potassium | 2.47E+04 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Salinity | 9.47E+04 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Selenium | 7.31E+00 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Silver | 1.08E+00 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Sodium | 2.58E+03 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Thallium | 2.33E+00 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Total dissolved solids | 2.64E+05 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Total suspended solids | 3.67E+06 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Vanadium | 3.20E+02 | UGL | |
| CSW | STRM | KSW02 | 8/8/1996 | 0.0 | Zinc | 6.30E+02 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Aluminum | 1.56E+05 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Arsenic | 1.30E+02 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Barium | 4.10E+03 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Beryllium | 3.03E+01 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Cadmium | 4.53E+00 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Calcium | 9.45E+04 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Chromium | 2.70E+02 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Cobalt | 2.30E+02 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Copper | 4.60E+02 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Hardness | 1.91E+05 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Iron | 1.49E+05 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Lead | 5.40E+02 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Magnesium | 4.82E+04 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Manganese | 5.20E+03 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Mercury | 5.37E-01 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Nickel | 2.50E+02 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Phosphorus | 1.30E+03 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Potassium | 3.69E+04 | UGL | |

***Table 5-6***
***Summary of Detected Constituents in Surface Water Samples, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Salinity | 3.46E+05 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Selenium | 2.21E+01 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Silver | 2.88E+00 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Sodium | 3.25E+04 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Thallium | 6.80E+00 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Total dissolved solids | 7.68E+05 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Total suspended solids | 2.74E+06 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Vanadium | 6.30E+02 | UGL | |
| CSW | STRM | KSW03 | 8/8/1996 | 0.0 | Zinc | 1.90E+03 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Aluminum | 2.80E+05 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Arsenic | 1.16E+02 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Barium | 2.90E+03 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Beryllium | 2.55E+01 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Cadmium | 2.84E+00 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Calcium | 1.31E+05 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Chromium | 3.30E+02 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Cobalt | 1.63E+02 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Copper | 3.30E+02 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Hardness | 1.16E+06 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Iron | 2.50E+05 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Lead | 4.00E+02 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Magnesium | 7.25E+04 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Manganese | 3.50E+03 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Mercury | 9.25E-01 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Nickel | 1.91E+02 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Phosphorus | 8.00E+03 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Potassium | 5.66E+04 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Salinity | 4.17E+05 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Selenium | 2.12E+01 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Silver | 2.34E+00 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Sodium | 4.08E+04 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Thallium | 7.46E+00 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Total dissolved solids | 1.07E+06 | UGL | J |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Total suspended solids | 2.78E+06 | UGL | J |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Vanadium | 8.10E+02 | UGL | |
| CSW | STRM | KSW04 | 8/8/1996 | 0.0 | Zinc | 1.50E+03 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Aluminum | 3.76E+05 | UGL | |

***Table 5-6***
***Summary of Detected Constituents in Surface Water Samples, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Arsenic | 1.28E+02 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Barium | 3.60E+03 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Beryllium | 3.53E+01 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Cadmium | 5.38E+00 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Calcium | 2.22E+05 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Chromium | 2.70E+02 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Cobalt | 2.60E+02 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Copper | 4.20E+02 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Hardness | 1.16E+06 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Iron | 3.66E+05 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Lead | 4.60E+02 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Magnesium | 1.16E+05 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Manganese | 6.10E+03 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Mercury | 1.33E+00 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Nickel | 2.90E+02 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Phosphorus | 1.60E+03 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Potassium | 7.73E+04 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Salinity | 5.80E+05 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Selenium | 2.56E+01 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Silver | 2.42E+00 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Sodium | 7.00E+04 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Thallium | 6.88E+00 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Total dissolved solids | 9.56E+05 | UGL | J |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Total suspended solids | 3.92E+06 | UGL | J |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Vanadium | 6.70E+02 | UGL | |
| CSW | STRM | KSW05 | 8/8/1996 | 0.0 | Zinc | 1.80E+03 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Aluminum | 1.75E+05 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Arsenic | 3.40E+02 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Barium | 9.20E+03 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Beryllium | 7.24E+01 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Cadmium | 8.39E+00 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Calcium | 1.08E+05 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Chromium | 9.00E+02 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Cobalt | 5.00E+02 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Copper | 9.40E+02 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Hardness | 1.38E+06 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Iron | 1.41E+05 | UGL | |

***Table 5-6***
***Summary of Detected Constituents in Surface Water Samples, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Lead | 1.10E+03 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Magnesium | 5.29E+04 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Manganese | 1.10E+04 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Mercury | 5.06E-01 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Nickel | 5.90E+02 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Phosphorus | 3.42E+02 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Potassium | 3.97E+04 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Salinity | 4.98E+05 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Selenium | 5.70E+01 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Silver | 5.52E+00 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Sodium | 4.80E+04 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Thallium | 1.91E+01 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Total dissolved solids | 7.84E+05 | UGL | J |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Total suspended solids | 6.00E+05 | UGL | J |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Vanadium | 2.00E+03 | UGL | |
| CSW | STRM | KSW06 | 8/8/1996 | 0.0 | Zinc | 4.20E+03 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Aluminum | 3.52E+05 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Arsenic | 7.70E+01 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Barium | 2.20E+03 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Beryllium | 1.49E+01 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Cadmium | 1.95E+00 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Calcium | 2.86E+05 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Chromium | 1.53E+02 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Cobalt | 1.22E+02 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Copper | 2.30E+02 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Hardness | 6.80E+05 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Iron | 2.95E+05 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Lead | 2.40E+02 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Magnesium | 1.26E+05 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Manganese | 2.70E+03 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Mercury | 1.89E+00 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Nickel | 1.37E+02 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Phosphorus | 1.10E+04 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Potassium | 7.65E+04 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Salinity | 6.21E+05 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Selenium | 1.50E+01 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Silver | 1.43E+00 | UGL | |

***Table 5-6***
***Summary of Detected Constituents in Surface Water Samples, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Sodium | 6.72E+04 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Thallium | 4.03E+00 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Total dissolved solids | 9.16E+05 | UGL | J |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Total suspended solids | 3.96E+06 | UGL | J |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Vanadium | 3.60E+02 | UGL | |
| CSW | STRM | KSW07 | 8/8/1996 | 0.0 | Zinc | 9.70E+02 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Aluminum | 4.81E+05 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Arsenic | 8.41E+01 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Barium | 2.80E+03 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Beryllium | 1.58E+01 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Cadmium | 2.60E+00 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Calcium | 4.91E+05 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Chromium | 2.10E+02 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Cobalt | 1.24E+02 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Copper | 2.60E+02 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Hardness | 1.18E+06 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Iron | 4.05E+05 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Lead | 2.70E+02 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Magnesium | 2.02E+05 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Manganese | 3.10E+03 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Mercury | 2.87E-01 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Nickel | 1.59E+02 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Phosphorus | 1.20E+03 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Potassium | 1.03E+05 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Salinity | 1.26E+06 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Selenium | 1.92E+01 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Silver | 1.70E+00 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Sodium | 1.47E+05 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Thallium | 4.34E+00 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Total dissolved solids | 1.67E+06 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Total suspended solids | 2.96E+06 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Vanadium | 5.20E+02 | UGL | |
| CSW | STRM | KSW08 | 8/8/1996 | 0.0 | Zinc | 1.10E+03 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Aluminum | 1.52E+05 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Antimony | 1.23E+00 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Arsenic | 2.70E+02 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Barium | 1.10E+04 | UGL | |

***Table 5-6***
***Summary of Detected Constituents in Surface Water Samples, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Beryllium | 6.60E+01 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Cadmium | 3.21E+01 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Calcium | 2.99E+05 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Chromium | 6.70E+02 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Cobalt | 6.00E+02 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Copper | 1.40E+03 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Hardness | 1.55E+06 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Iron | 1.55E+05 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Lead | 1.10E+03 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Magnesium | 8.51E+04 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Manganese | 1.40E+04 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Mercury | 6.01E-01 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Nickel | 7.30E+02 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Phosphorus | 4.20E+03 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Potassium | 4.45E+04 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Salinity | 7.83E+05 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Selenium | 7.11E+01 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Silver | 5.13E+00 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Sodium | 3.90E+04 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Thallium | 1.20E+01 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Total dissolved solids | 9.46E+05 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Total suspended solids | 1.46E+07 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Vanadium | 1.50E+03 | UGL | |
| CSW | STRM | KSW09 | 8/8/1996 | 0.0 | Zinc | 5.20E+03 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Aluminum | 1.41E+05 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Arsenic | 3.40E+01 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Barium | 1.10E+03 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Beryllium | 7.27E+00 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Cadmium | 1.05E+00 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Calcium | 4.28E+04 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Chromium | 1.11E+02 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Cobalt | 4.76E+01 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Copper | 9.36E+01 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Hardness | 5.80E+05 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Iron | 1.24E+05 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Lead | 1.12E+02 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Magnesium | 2.89E+04 | UGL | |

## *Table 5-6*
## *Summary of Detected Constituents in Surface Water Samples, Closed OB/OD Area SWMUs*
## *Fort Wingate Depot Activity*
## *McKinley County, New Mexico*

| Media Type | Site Type | Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result | Units | Report Flag |
|---|---|---|---|---|---|---|---|---|
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Manganese | 1.20E+03 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Mercury | 2.56E-01 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Nickel | 6.48E+01 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Phosphorus | 2.30E+03 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Potassium | 3.11E+04 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Salinity | 7.25E+04 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Selenium | 7.50E+00 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Silver | 7.98E-01 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Sodium | 2.45E+03 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Thallium | 2.10E+00 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Total suspended solids | 2.48E+06 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Vanadium | 3.20E+02 | UGL | |
| CSW | STRM | KSW10 | 8/8/1996 | 0.0 | Zinc | 5.10E+02 | UGL | |

**Notes:**

**Media Type:**

CSW - Contaminated Surface Water

**Site Type:**

STRM - Stream

**Units:**

UGL - microgram per Liter

**Flag Codes:**

D - Duplicate

J - Estimated Concentration

***Table 5-7***
***Summary of Detected Parameters in Sediment, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KSED01 | 8/8/1996 | 1.0 | Aluminum | 1.45E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Arsenic | 6.28E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KSED01 | 8/8/1996 | 1.0 | Barium | 1.43E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Beryllium | 7.58E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Cadmium | 1.83E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Calcium | 1.60E+04 | | NS | NS | No Standard | No Standard | |
| KSED01 | 8/8/1996 | 1.0 | Chromium | 1.08E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSED01 | 8/8/1996 | 1.0 | Cobalt | 7.09E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Copper | 1.31E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Iron | 2.26E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Lead | 1.33E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Magnesium | 3.01E+03 | | NS | NS | No Standard | No Standard | |
| KSED01 | 8/8/1996 | 1.0 | Manganese | 3.47E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Mercury | 3.10E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Nickel | 1.09E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Phosphorus | 2.84E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KSED01 | 8/8/1996 | 1.0 | Potassium | 2.47E+03 | | NS | NS | No Standard | No Standard | |
| KSED01 | 8/8/1996 | 1.0 | Thallium | 1.19E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Total organic carbon | 8.79E+03 | J | NS | NS | No Standard | No Standard | |
| KSED01 | 8/8/1996 | 1.0 | Vanadium | 3.35E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSED01 | 8/8/1996 | 1.0 | Zinc | 6.11E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Aluminum | 1.15E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Arsenic | 8.25E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KSED02 | 8/8/1996 | 1.0 | Barium | 5.36E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Beryllium | 9.26E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Cadmium | 2.30E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Calcium | 1.30E+04 | | NS | NS | No Standard | No Standard | |
| KSED02 | 8/8/1996 | 1.0 | Chromium | 8.31E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSED02 | 8/8/1996 | 1.0 | Cobalt | 7.24E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Copper | 1.33E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Iron | 4.50E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KSED02 | 8/8/1996 | 1.0 | Lead | 1.24E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Magnesium | 2.51E+03 | | NS | NS | No Standard | No Standard | |
| KSED02 | 8/8/1996 | 1.0 | Manganese | 6.26E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Nickel | 1.28E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Phosphorus | 3.93E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KSED02 | 8/8/1996 | 1.0 | Potassium | 1.79E+03 | | NS | NS | No Standard | No Standard | |
| KSED02 | 8/8/1996 | 1.0 | Thallium | 1.88E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Total organic carbon | 5.68E+03 | J | NS | NS | No Standard | No Standard | |
| KSED02 | 8/8/1996 | 1.0 | Vanadium | 3.33E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSED02 | 8/8/1996 | 1.0 | Zinc | 7.51E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Aluminum | 1.20E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Arsenic | 9.94E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KSED03 | 8/8/1996 | 1.0 | Barium | 3.74E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |

***Table 5-7***
***Summary of Detected Parameters in Sediment, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KSED03 | 8/8/1996 | 1.0 | Beryllium | 1.08E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Cadmium | 2.65E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Calcium | 6.30E+03 | | NS | NS | No Standard | No Standard | |
| KSED03 | 8/8/1996 | 1.0 | Chromium | 8.79E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSED03 | 8/8/1996 | 1.0 | Cobalt | 9.92E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Copper | 1.31E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Iron | 4.80E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KSED03 | 8/8/1996 | 1.0 | Lead | 1.60E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Magnesium | 2.81E+03 | | NS | NS | No Standard | No Standard | |
| KSED03 | 8/8/1996 | 1.0 | Manganese | 5.49E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Mercury | 3.78E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Nickel | 1.23E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Phosphorus | 2.29E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KSED03 | 8/8/1996 | 1.0 | Potassium | 1.74E+03 | | NS | NS | No Standard | No Standard | |
| KSED03 | 8/8/1996 | 1.0 | Thallium | 2.56E+00 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Total organic carbon | 9.43E+03 | J | NS | NS | No Standard | No Standard | |
| KSED03 | 8/8/1996 | 1.0 | Vanadium | 3.37E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSED03 | 8/8/1996 | 1.0 | Zinc | 8.77E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Aluminum | 1.30E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Arsenic | 7.23E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KSED04 | 8/8/1996 | 1.0 | Barium | 4.75E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Beryllium | 7.78E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Cadmium | 1.07E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Calcium | 4.55E+03 | | NS | NS | No Standard | No Standard | |
| KSED04 | 8/8/1996 | 1.0 | Chromium | 9.27E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSED04 | 8/8/1996 | 1.0 | Cobalt | 6.79E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Copper | 1.23E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Iron | 2.74E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KSED04 | 8/8/1996 | 1.0 | Lead | 1.27E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Magnesium | 2.61E+03 | | NS | NS | No Standard | No Standard | |
| KSED04 | 8/8/1996 | 1.0 | Manganese | 5.24E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Nickel | 7.97E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Phosphorus | 2.94E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KSED04 | 8/8/1996 | 1.0 | Potassium | 2.22E+03 | | NS | NS | No Standard | No Standard | |
| KSED04 | 8/8/1996 | 1.0 | Thallium | 1.46E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Total organic carbon | 7.82E+03 | J | NS | NS | No Standard | No Standard | |
| KSED04 | 8/8/1996 | 1.0 | Vanadium | 3.04E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSED04 | 8/8/1996 | 1.0 | Zinc | 5.48E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Aluminum | 2.89E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Arsenic | 1.20E+01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KSED05 | 8/8/1996 | 1.0 | Barium | 1.03E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Beryllium | 1.00E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Cadmium | 2.38E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Calcium | 1.28E+03 | | NS | NS | No Standard | No Standard | |
| KSED05 | 8/8/1996 | 1.0 | Chromium | 2.16E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |

***Table 5-7***
***Summary of Detected Parameters in Sediment, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KSED05 | 8/8/1996 | 1.0 | Cobalt | 8.03E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Copper | 2.67E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Iron | 1.03E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Lead | 1.50E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Magnesium | 6.25E+02 | | NS | NS | No Standard | No Standard | |
| KSED05 | 8/8/1996 | 1.0 | Manganese | 1.77E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Nickel | 1.28E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Phosphorus | 2.88E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KSED05 | 8/8/1996 | 1.0 | Potassium | 2.27E+03 | | NS | NS | No Standard | No Standard | |
| KSED05 | 8/8/1996 | 1.0 | Thallium | 2.67E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Total organic carbon | 6.91E+03 | J | NS | NS | No Standard | No Standard | |
| KSED05 | 8/8/1996 | 1.0 | Vanadium | 8.40E+00 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSED05 | 8/8/1996 | 1.0 | Zinc | 1.45E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSED06 | 8/8/1996 | 1.0 | Aluminum | 1.78E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSED06 | 8/8/1996 | 1.0 | Arsenic | 1.10E+02 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KSED06 | 8/8/1996 | 1.0 | Barium | 6.27E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSED06 | 8/8/1996 | 1.0 | Beryllium | 1.94E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSED06 | 8/8/1996 | 1.0 | Cadmium | 6.50E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KSED06 | 8/8/1996 | 1.0 | Calcium | 6.78E+03 | | NS | NS | No Standard | No Standard | |
| KSED06 | 8/8/1996 | 1.0 | Chromium | 1.50E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSED06 | 8/8/1996 | 1.0 | Cobalt | 1.23E+01 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSED06 | 8/8/1996 | 1.0 | Copper | 3.68E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSED06 | 8/8/1996 | 1.0 | Iron | 2.41E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KSED06 | 8/8/1996 | 1.0 | Lead | 2.07E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSED06 | 8/8/1996 | 1.0 | Magnesium | 6.93E+02 | | NS | NS | No Standard | No Standard | |
| KSED06 | 8/8/1996 | 1.0 | Manganese | 6.47E+02 | J | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSED06 | 8/8/1996 | 1.0 | Nickel | 5.54E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSED06 | 8/8/1996 | 1.0 | Phosphorus | 3.16E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KSED06 | 8/8/1996 | 1.0 | Potassium | 1.27E+03 | | NS | NS | No Standard | No Standard | |
| KSED06 | 8/8/1996 | 1.0 | Thallium | 1.10E+01 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | YES |
| KSED06 | 8/8/1996 | 1.0 | Total organic carbon | 4.70E+03 | J | NS | NS | No Standard | No Standard | |
| KSED06 | 8/8/1996 | 1.0 | Vanadium | 1.75E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSED06 | 8/8/1996 | 1.0 | Zinc | 1.88E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Aluminum | 1.03E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Arsenic | 4.74E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KSED07 | 8/8/1996 | 1.0 | Barium | 1.83E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Beryllium | 6.29E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Cadmium | 1.72E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Calcium | 3.71E+03 | | NS | NS | No Standard | No Standard | |
| KSED07 | 8/8/1996 | 1.0 | Chromium | 8.17E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSED07 | 8/8/1996 | 1.0 | Cobalt | 7.21E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Copper | 1.02E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Iron | 1.51E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Lead | 1.13E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Magnesium | 2.22E+03 | | NS | NS | No Standard | No Standard | |

***Table 5-7***
***Summary of Detected Parameters in Sediment, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KSED07 | 8/8/1996 | 1.0 | Manganese | 2.17E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Nickel | 9.40E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Phosphorus | 3.21E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KSED07 | 8/8/1996 | 1.0 | Potassium | 1.90E+03 | | NS | NS | No Standard | No Standard | |
| KSED07 | 8/8/1996 | 1.0 | Total organic carbon | 7.44E+03 | J | NS | NS | No Standard | No Standard | |
| KSED07 | 8/8/1996 | 1.0 | Vanadium | 2.53E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSED07 | 8/8/1996 | 1.0 | Zinc | 4.65E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Aluminum | 7.35E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Arsenic | 6.31E+00 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KSED08 | 8/8/1996 | 1.0 | Barium | 1.15E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Beryllium | 5.86E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Cadmium | 2.70E-01 | | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Calcium | 1.26E+04 | | NS | NS | No Standard | No Standard | |
| KSED08 | 8/8/1996 | 1.0 | Chromium | 6.54E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSED08 | 8/8/1996 | 1.0 | Cobalt | 6.73E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Copper | 9.93E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Iron | 2.17E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Lead | 1.02E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Magnesium | 1.74E+03 | | NS | NS | No Standard | No Standard | |
| KSED08 | 8/8/1996 | 1.0 | Manganese | 3.99E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Mercury | 3.91E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Nickel | 8.85E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Phosphorus | 2.38E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KSED08 | 8/8/1996 | 1.0 | Potassium | 1.30E+03 | | NS | NS | No Standard | No Standard | |
| KSED08 | 8/8/1996 | 1.0 | Total organic carbon | 9.92E+03 | J | NS | NS | No Standard | No Standard | |
| KSED08 | 8/8/1996 | 1.0 | Vanadium | 2.47E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSED08 | 8/8/1996 | 1.0 | Zinc | 4.56E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Aluminum | 1.14E+04 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Arsenic | 1.03E+01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KSED09 | 8/8/1996 | 1.0 | Barium | 6.40E+02 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Beryllium | 9.27E-01 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Cadmium | 5.01E-01 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Calcium | 3.40E+04 | | NS | NS | No Standard | No Standard | |
| KSED09 | 8/8/1996 | 1.0 | Chromium | 1.03E+01 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSED09 | 8/8/1996 | 1.0 | Cobalt | 8.14E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Copper | 1.03E+01 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Iron | 4.33E+04 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | YES |
| KSED09 | 8/8/1996 | 1.0 | Lead | 1.43E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Magnesium | 2.29E+03 | | NS | NS | No Standard | No Standard | |
| KSED09 | 8/8/1996 | 1.0 | Manganese | 8.35E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Nickel | 1.04E+01 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Phosphorus | 3.96E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KSED09 | 8/8/1996 | 1.0 | Potassium | 2.02E+03 | | NS | NS | No Standard | No Standard | |
| KSED09 | 8/8/1996 | 1.0 | Thallium | 2.20E+00 | J | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Total organic carbon | 9.06E+03 | J | NS | NS | No Standard | No Standard | |

***Table 5-7***
***Summary of Detected Parameters in Sediment, Closed OB/OD Area SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KSED09 | 8/8/1996 | 1.0 | Vanadium | 3.68E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSED09 | 8/8/1996 | 1.0 | Zinc | 6.55E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Aluminum | 5.68E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Arsenic | 2.75E+01 | J | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | YES |
| KSED10 | 8/8/1996 | 1.0 | Barium | 4.39E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Beryllium | 1.82E+00 | | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Cadmium | 1.30E+00 | J | 3.90E+01 | 3.90E+01 | 3.90E+01 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Calcium | 1.68E+03 | | NS | NS | No Standard | No Standard | |
| KSED10 | 8/8/1996 | 1.0 | Chromium | 2.51E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSED10 | 8/8/1996 | 1.0 | Cobalt | 8.72E+00 | | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Copper | 1.34E+02 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Iron | 2.26E+04 | J | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Lead | 2.59E+01 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Magnesium | 2.91E+03 | | NS | NS | No Standard | No Standard | |
| KSED10 | 8/8/1996 | 1.0 | Manganese | 4.02E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Mercury | 4.26E-02 | J | 1.00E+05 | 2.35E+01 | 1.00E+05 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Nickel | 8.34E+00 | | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Phosphorus | 3.74E+02 | | NS | 1.56E+00 | 1.56E+00 | Proposed | YES |
| KSED10 | 8/8/1996 | 1.0 | Potassium | 2.93E+03 | | NS | NS | No Standard | No Standard | |
| KSED10 | 8/8/1996 | 1.0 | Thallium | 1.30E+01 | | 5.16E+00 | 5.48E+00 | 5.16E+00 | NMED Residential | YES |
| KSED10 | 8/8/1996 | 1.0 | Total organic carbon | 7.41E+03 | J | NS | NS | No Standard | No Standard | |
| KSED10 | 8/8/1996 | 1.0 | Vanadium | 1.27E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSED10 | 8/8/1996 | 1.0 | Zinc | 1.23E+02 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

**Notes:**

mg/kg - milligrams per kilogram

NS - no standard

SSL - Soil Screening Level

MSSL - Medium Specific Screening Level

NMED - New Mexico Environment Department

USEPA - US Environmental Protection Agency

feet bgs - feet below ground surface

Proposed - Cleanup level proposed as described in Permit Attachment 7, Section 7.2.

**Flag Codes:**

D - Duplicate

J - Estimated Concentration

# 6.0 PARCEL 3 GROUND WATER

As discussed in Section 3.5.2, the hydrogeologic setting in and around the OB/OD Unit HWMU and Parcel 3 SWMUs and AOCs is extremely complex, and the current conceptual model is incomplete. In order to make this Work Plan more streamlined for review and use, previous and proposed investigations relating to Parcel 3 ground water are discussed in this section.

## 6.1 PREVIOUS INVESTIGATIONS

As described in the companion SRHI, ground water monitoring wells were completed in several characterization efforts. The reasoning and methodology of the monitoring well installations and results of ground water sampling are discussed in the SRHI. Ground water monitoring wells are shown in Figure 6-1. Well construction data are summarized in Table 6-1.

As shown in Figure 6-1 and presented in Table 6-2, ground water samples have been collected from multiple wells screened in various water-bearing units within and around the OB/OD Unit and Parcel 3 SWMUs and AOCs, including alluvium, Mancos Shale, Dakota Sandstone, Entrada Sandstone, Painted Desert Member (Petrified Forest Formation), and Sonsela Sandstone Member (Petrified Forest Formation).

## 6.2 EVALUATION OF DATA FROM PREVIOUS INVESTIGATIONS

Metals, perchlorate, explosives, and nitrates have been detected in ground water samples collected to date. A summary table showing detected parameters in ground water samples is presented as Table 6-3. Because of the large number of ground water data, a summary table showing only detections that exceed Permit cleanup levels, is provided as Table 6-4.

Analytical parameter lists have not been uniform for all wells; prior to the issuance of the Permit, wells were sampled for particular constituent groups based on previous sampling result detections and historical operational knowledge. Not all wells were sampled during every event. None of the samples collected were analyzed for all parameters listed in Permit Attachment 1 (e.g., metals, explosive and propellant constituents, perchlorate, WP, VOCs, SVOCs, and potentially asbestos, dioxins and furans, cyanide, PCBs, pesticides, and herbicides). Because there are very limited records for operations/disposal activities in the OB/OD Unit and no operational/disposal records for activities within the SWMUs, sampling and analysis for additional parameters will be required. This data gap for existing wells has been addressed in the Interim Facility-Wide Ground Water Monitoring Plan (IFWGWMP; TPMC, 2007); any future wells will be sampled IAW the IFWGWMP.

For several years, ground water sampling events were conducted on a quarterly sampling schedule; ground water samples were last collected in August 2005.

A limited number of water-bearing zones have been penetrated and sampled within and around the OB/OD Unit and Parcel 3 SWMUs and AOCs. While significant efforts to find "first water" have been conducted, only a limited number of water-bearing zones have been investigated to date. Ground water has been sampled in formations located within and around the OB/OD Unit and Parcel 3 SWMUs and AOCs, including alluvium, Mancos Shale, Dakota Sandstone, Entrada Sandstone, Painted Desert Member, and Sonsela Sandstone Member. Although these geologic units have been monitored, the monitoring results are unlikely to be representative of all potential impacts to ground water, and additional wells will be installed to provide further characterization information.

RCRA requires the characterization of "first water." Depending on the location within the OB/OD Unit and the Parcel 3 SWMUs and AOCs, the geologic unit identified as containing "first water" may differ, and therefore characterization of "first water" may require installation of multiple wells that are individually screened within multiple water-bearing zones to meet this requirement.

Wells currently installed within the OB/OD Areas are primarily constructed of 2-inch polyvinylchloride (PVC) casing and screens. These wells are individually screened in a single water-bearing unit, with bentonite and bentonite-grout seals, and double-cased where needed, to prevent cross mixing of aquifers. Screen lengths are typically around 5 or 10-feet in length, however longer and shorter screen lengths are also present. As previously noted, the depth to "first water" varies from location to location and well installation depths reflect this variance. Geologic logs and well construction diagrams are presented in the *Hydrogeologic Summary Report* (TPMC, 2006).

Several water-bearing formations (i.e., the San Andres - Glorieta Aquifer) are known and heavily used water-supply water-bearing units in and around the FWDA area. Although this formation may not be impacted within or around the OB/OD Unit or Parcel 3 SWMUs and AOCs, no information exists to confirm that possibility. In order to address point of compliance requirements of the Permit, an additional well will be installed to confirm presence/absence of contamination in this aquifer.

The furthest known down-gradient monitoring well, CMW25 (Painted Desert Member), had a single explosive (RDX) detected non-routinely/sporadically during periodic sampling events (e.g., it was detected in January 2003 and April 2003, but not in events before or after). This indicates that detectable concentrations of explosives may have reached this point or have already passed this point. Although the detected RDX concentrations did not exceed Permit cleanup levels (Table 6-3), additional wells will be installed to confirm presence/absence of explosives impacts to ground water at CMW25 and in areas between CMW25 and the OB/OD Unit HWMU.

The wells used to track explosives impacted ground water from the HWMU to CMW25 are arranged roughly in a straight line, following the arroyo channel. As noted in previous stakeholder meetings, because contaminants typically move as

teardrop shaped plumes, the existing wells do not provide sufficient information concerning the lateral extent of contamination.

Based on the information needs discussed above, a number of wells are proposed for installation in this phase of investigations to further delineate this area of ground water impacts, as discussed in Section 6.3.

## *6.3 SCOPE OF ACTIVITIES*

The purpose of this section is to describe the types of activities that will be conducted to further characterize ground water in and around the OB/OD Unit HWMU and Closed OB/OD Area SWMUs and AOCs during implementation of this Work Plan.

As described in Section 2.3.3, MEC and UXO may be encountered during performance of the investigations below. The procedures and methodologies described in Section 12.0 must be strictly adhered to in order to safely conduct these investigations IAW Army and DOD safety requirements.

Ground water characterization in the Parcel 3 area will be completed in strategic phases. During this phase of investigations, additional wells will be installed to further characterize ground water and determine ground water gradients around the HWMU.

During the well installation process, well locations may be moved based on additional information obtained during other investigations (e.g. geophysical surveys) and well location access issues (e.g., steep terrain , explosives hazards, cultural resources protection).

### *6.3.1 Proposed Further Characterization of Ground Water*

The existing monitoring well network in the Current OB/OD Area (the OB/OD Unit) provides a summary representation of ground water conditions present within the uppermost aquifer systems that are continuously saturated. These intervals, the Painted Desert and Sonsela Sandstone Members of the Petrified Forest Formation, however, require additional characterization in areas northwest, north, and northeast of the OB/OD Unit to more fully delineate the extent of ground water contamination. As part of this work plan, wells will be installed in these two water-bearing units to provide the required supplemental data. Ground water flow in these two geologic units occurs via the primary permeability of the sandstone matrix, and is supplemented by secondary permeability associated with fracturing of the rock matrix. With the enhanced monitoring well network, detailed information will be generated to describe and evaluate the transport of contaminants from the identified waste/residue areas within the OB/OD Unit HWMU to areas downgradient.

For those portions of the OB/OD Unit to the west of the HMWU waste/residue areas, additional monitoring wells will be constructed to initiate the process of understanding the potential flow of ground water from the HWMU to the west of the central arroyo. This area has a complex geologic history, dominated by the

formation of the Nutria Fault Zone. To date, mapping of ground water movement westward through the geologic materials in the fault zone has been inconclusive. Additionally, mapping of geologic units through this area has also been inconclusive. Ground water identified to date has occurred in thin zones, possibly associated with fractures, or unit contact zones within the sediment and rock. Completion of these additional monitoring wells will include the specific identification, hydrophysical testing, and chemical sampling of potentially multiple fractures within the sediments and rock. It is expected that ground water flow in this area of the OB/OD Unit will be dominated by secondary permeability, as the general matrix of the sediment/rock is derived from low primary permeability mudstones and siltstones.

In addition, the San Andres – Glorieta aquifer will be investigated to determine the presence/absence of impacts associated with the former OD/OD operations.

The existing monitoring wells in the Closed OB/OD Area (the Parcel 3 SWMUs) provide a summary representation of ground water conditions present within the uppermost aquifer system, the Mancos Shale. No additional wells are proposed in the Closed OB/OD Area.

Proposed supplemental monitoring wells are presented in Figure 6-2 with respect to the location of the HWMU, SWMUs, and AOCs; and in Figure 6-3, with respect to the geologic map. Table 6-5 depicts the estimated depth of each proposed well, the geologic unit that each proposed well will be screened within, and the rationale for the location of the proposed well.

For proposed well sites at which multiple water bearing units, fractures, or saturated zones are encountered, well nests consisting of multiple depth wells in the same borehole will be constructed to maximize the amount of information obtained from each borehole completed. Each nested well interval will be hydraulically sealed from other monitored intervals within the nested location.

#### *6.3.1.1 Proposed Wells - Area North of OB/OD Unit*

Further characterization is required north of the OB/OD Unit, east of the fault zone, in the Painted Desert and Sonsela Sandstone Members of the Petrified Forest Formation. Proposed wells will be installed to confirm ground water flow directions east of the fault zone, and delineate explosives and inorganic concentrations in ground water. All new monitoring wells will be constructed as nested wells (i.e., multiple wells constructed in a single boring), as appropriate. For those wells that will be constructed adjacent to an existing well to complete a well pair, these wells will be constructed to monitor a single depth interval. A total of 15 monitoring wells are proposed for installation in this area. Monitoring well installations will follow the methods presented in Section 12.6.

As shown in Figures 6-2 and 6-3, proposed monitoring wells north of the Current OB/OD Area will be installed in pairs (one shallow and one deep), or new wells will be installed adjacent to already existing wells to form couplets (one shallow and one deep). A shallow well will be installed and screened across the first water bearing interval present in the Painted Desert Member, because this water-

bearing interval has had the highest historic concentrations of explosives in ground water (CMW16 at 0.0173 milligrams per liter [mg/L] and CMW18 at 0.170 mg/L). The deep well in each pair will be installed and screened within the saturated portions of the Sonsela Sandstone Member. In addition to confirming ground water flow directions and the extent of ground water impacts by explosives compounds, the proposed well pairs will provide additional information to evaluate vertical migration pathways between saturated intervals. Downhole geophysical and hydrophysical testing within the boreholes prior to well construction (Sections 12.6.3 and 12.6.4) will provide detailed information regarding flow characteristics within the water-bearing units that will assist in the selection of specific screened intervals.

Proposed well locations north of the OB/OD Unit are illustrated in Figure 6-2 and Figure 6-3. Table 6-5 depicts the estimated depth of each proposed well, the geologic formation that each proposed well will be screened within, and the rationale for the location of the proposed well.

#### *6.3.1.2 Proposed Wells - OB/OD Unit HWMU*

A total of eight monitoring well sites are proposed within the OB/OD Unit HMWU (Figures 6-2 and 6-3; Table 6-5). Monitoring well installations will follow the methods presented in Section 12.6

Additional characterization is required for the immediate vicinity of the OB/OD Unit HWMU, east of the Hogback. The proposed wells will be installed to determine ground water quality in geologic units that outcrop or subcrop within or adjacent to the HWMU, confirm ground water flow directions in areas situated east of the Hogback, and further delineate identified explosives and perchlorate concentrations in ground water.

Proposed monitoring wells will be installed at locations in which the Sonsela Sandstone and the Glorieta Sandstone/San Andres Limestone formations are known to be present. Available information indicates that the Painted Desert Member is either not present because of erosion, or is non-water bearing within this area of the HWMU. The Sonela is known to be present at the proposed locations; however, current data do not indicate if the Sonsela is water-bearing at all proposed well sites.

##### *6.3.1.2.1 Sonsela Sandstone Member*

Limited information exists for the presence of ground water and/or ground water contamination in the Sonsela Sandstone within the HMWU. As previously noted, the Sonsela Sandstone is known to be impacted by explosives in areas north of, the HWMU. Further characterization is required at the HWMU, east of the fault zone, for the Sonsela Sandstone. Three proposed wells will be installed to confirm ground water flow directions and delineate explosives and inorganic concentrations in ground water (Figures 6-2 and 6-3; Table 6-5).

Proposed monitoring wells will be installed and screened across the first water bearing interval present in the Sonsela Sandstone. This unit has had historic

concentrations of explosives. The proposed wells will further delineate ground water flow directions and the extent of ground water contamination.

#### *6.3.1.2.2 San Andres Limestone and Glorieta Sandstone Formations*

The San Andres Limestone and Glorieta Sandstone Formations are significant water supply aquifers for locations north, east, and south of the current OB/OD Unit, including FWDA itself (i.e. Water Supply Well 69). Although technically two separate formations, they act together as a single regional aquifer and will be investigated as a single water-bearing unit. Because the San Andres Limestone and Glorieta Sandstone Formations potentially subcrop against a planar slip surface of the Nutria Fault (Figure 3-9), the potential exists for the formations to be impacted by releases from the HWMU migrating vertically along this slip surface. Therefore, further characterization is required east of the HWMU, on the eastern side of the fault zone.

A single well site (CMW44) will be constructed to intersect the San Andres – Glorieta aquifer in a location adjacent to the HMWU. The proposed location is downgradient of 7 of 10 debris/residue areas within the HWMU; based on available data to date, these debris/residue areas appear to be the primary source of the detected chemical impacts to the shallow ground water within and downgradient of the HWMU. At this location, the well bore may intersect four additional geologic units that are water bearing in other areas within FWDA and the surrounding lands. The Painted Desert Member may be present, but is likely to be dry, based on its relative elevation at this location. The Sonsela Member will likely be encountered, but may possibly be dry based on its relative elevation. The McGaffey Member (sandstone) of the Bluewater Creek Formation will be encountered and will likely be water bearing. Finally, the Shinarump Formation (conglomeritic sandstone) is situated immediately above the San Andres – Glorieta and will likely be water bearing. As for most proposed monitoring wells, each water-bearing unit/zone encountered in a borehole will be geophysically and hydrophysically tested, and a separate well constructed (as part of a nested well group constructed in a single borehole, as described in Section 12.6.5.1.2) to facilitate future monitoring.

### ***6.3.2 Ground Water Sampling of Newly Installed Wells***

#### *6.3.2.1 Ground Water Elevation Surveys*

Ground water elevation data will be collected from all existing wells as listed in Table 6-1 and all newly installed wells. As directed by NMED HWB, ground water elevation data will be collected on a quarterly basis, in January, April, July, and October.

Ground water elevation surveys will follow the methods presented in Section 12.7.

#### *6.3.2.2 Ground Water Sampling*

Following installation and development, samples will be collected from the newly installed ground water monitoring wells. One round of samples from the new wells will be collected as part of this Work Plan. After the initial round of samples, the newly installed wells will be added to the next scheduled update of the IFWGWMP (TPMC, 2007).

Ground water sample collection will be performed according to the methods presented in Section 12.7.

## ***6.4 ANALYTICAL PROGRAM***

Ground water samples will be analyzed for explosives, VOCs, SVOCs, RCRA total metals, dioxins/furans, cyanide, PCBs, nitrate, and perchlorate.

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 04.09.08


TerranearPMC, LLC
222 VALLEY CREEK BLVD., SUITE 210
EXTON, PA 19341-2843
(610) 862-5000 PHONE
(610) 862-5050 FAX


# Figure 6-1
## Ground Water Monitoring Well Locations
## OB/OD Unit and Parcel 3 SWMUs

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511401-2C | 0 |
| | | APPVD: | SCALE: 1" = 400' | |

KEY MAP

FEDERAL GOVERNMENT BLM MANAGED

FEDERAL GOVERNMENT INDIAN TRUST LANDS

WESTERN SECURITY FENCE WITH WARNING SIGNS OWNED BY ARMY (EXTENDS NORTH TO NORTHERN BOUNDARY OF FWDA)

MAIN INSTALLATION SECURITY FENCE MAINTAINED BY BMDO

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

AOC 76
FEATURE 19 ON THE 1973 AERIAL PHOTO API-5

AOC 89
FEATURES 30 AND 34 ON THE 1973 AERIAL PHOTO API-5

SWMU 14
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)

CLOSED OB/OD AREA

SWMU 15
OLD DEMOLITION AREA (INCLUDES INACTIVE EOD AREA, KGA-1, KGA-2, OLD OB/OD AND BURIED PHOSPHORUS ROUNDS, AND THREE MOUNDS IN FENCED-UP HORSE VALLEY)

OLD BURNING GROUND AND DEMOLITION LANDFILL AREA

FENCED-UP HORSE VALLEY

THE HOGBACK

PINYON-JUNIPER

OLD DEMOLITION AREA

SWMU 33
WASTE PILE KP1

ESTIMATED EXTENT OF BURIED, BURNED SMOKE CANISTERS FOUND IN 1993

BUILDING 601 BREAK ROOM

GATE 209

IGLOO BLOCK H

IGLOO BLOCK J

AOC 36
IGLOO BLOCK J
(INCLUDES MISSILE LAUNCH PAD USED BY MDA)

BUILDING 604 CONTROL SHELTER AND TRUCK BARRICADE

OPEN-SIDED STORAGE SHED

GATE (NO ID.)

GATE 209A

GATE 209B

CURRENT OB/OD AREA

HWMU OB/OD UNIT

BURNING GROUND AREA

CURRENT OB/OD AREA SECURITY FENCE OWNED BY ARMY

AOC 92
FEATURE 31 ON THE 1973 AERIAL PHOTO API-5 AND FEATURE 21 ON THE 1978 AERIAL PHOTO API-7

AOC 90
FEATURE 36 ON THE 1973 AERIAL PHOTO API-5

AOC 91
FEATURE 41 ON THE 1973 AERIAL PHOTO API-5 AND FEATURE 27 ON THE 1978 AERIAL PHOTO API-7

SWMU 74
AREA 16 OR SITE 16
(PROPOSED BURNING GROUND)

EASTERN SECURITY FENCE OWNED BY BMDO (EXTENDS EAST TO FWDA BOUNDARY FENCE)

EASTERN SECURITY FENCE WITH WARNING SIGNS OWNED BY ARMY

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

SOUTHERN SECURITY FENCE OWNED BY ARMY

SOUTHERN BOUNDARY FENCE WITH WARNING SIGNS OWNED BY ARMY

WESTERN SECURITY FENCE WITH WARNING SIGNS OWNED BY ARMY

FEDERAL GOVERNMENT BIA MANAGED

**SAMPLE ID GROUP**

CMW25: *Ammonia, Anions, Explosives, Nitrate/Nitrite, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW25 | Aluminum | 162 J |
| | Boron | 0.877 F |
| | Cadmium | 0.0227 |
| | Chromium | 0.18 J |
| | Iron | 64.6 J |
| | Lead | 0.0324 J |
| | Manganese | 1.58 J |

**SAMPLE ID GROUP**

CMW23: *Ammonia, Anions, Explosives, Nitrate/Nitrite, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW23 | Aluminum | 183 |
| | Arsenic | 0.0104 |
| | Beryllium | 0.00572 |
| | Chromium | 0.0671 |
| | Fluoride | 2.78 |
| | Iron | 67.0 |
| | Lead | 0.0437 |
| | Manganese | 1.59 |
| | Nitrite | 1.33 |
| | Sulfate | 1280 |

**SAMPLE ID GROUP**

CMW22: *Explosives, Nitrate/Nitrite, Perchlorate, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW22 | Aluminum | 37.4 |
| | Iron | 15.1 |
| | Manganese | 0.767 |

**SAMPLE ID GROUP**

CMW24: *Ammonia, Anions, Nitrate/Nitrite, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW24 | Boron | 1.85 F |
| | Chloride | 333 |
| | Iron | 1.30 J |

**SAMPLE ID GROUP**

CMW21: *Ammonia, Anions, Explosives, Nitrate/Nitrite, Perchlorate, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW21 | Aluminum | 92.7 |
| | Ammonia Nitrogen | 0.456 FJ |
| | Boron | 1.24 |
| | Chromium | 0.0661 |
| | Iron | 38.3 |
| | Lead | 0.0186 |
| | Manganese | 1.06 |

**SAMPLE ID GROUP**

CMW16: *Anions, Explosives, Nitrate/Nitrite, Perchlorate, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW16 | Aluminum | 46.2 |
| | Antimony | 0.0233 |
| | Iron | 19.1 |
| | Manganese | 0.29 |
| | RDX | 0.0173 |

**SAMPLE ID GROUP**

CMW19: *Ammonia, Anions, Explosives, Nitrate/Nitrite, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW19 | Aluminum | 179 |
| | Ammonia Nitrogen | 0.452 |
| | Boron | 1.79 F |
| | Chromium | 0.066 D |
| | Iron | 101 |
| | Lead | 0.0259 |
| | Manganese | 0.862 D |
| | Sulfate | 734 |

**SAMPLE ID GROUP**

CMW14: *Ammonia, Anions, Nitrate/Nitrite, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW14 | Ammonia Nitrogen | 1.58 J |
| | Boron | 1.05 F |
| | Chloride | 252 |
| | Chromium | 0.142 FJ |
| | Sulfate | 1000 J |

**SAMPLE ID GROUP**

FW38: *Anions, Explosives, Nitrate/Nitrite, Phosphate, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| FW38 | Aluminum | 17.2 |
| | Iron | 19.2 |
| | Lead | 0.0231 |
| | Manganese | 3.04 |
| | Nickel | 0.439 |

**SAMPLE ID GROUP**

CMW20: *Explosives, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW20 | Aluminum | 138 |
| | Barium | 1.60 |
| | Iron | 81.7 |
| | Lead | 0.0483 |
| | Manganese | 1.80 |
| | RDX | 0.000715 |

**SAMPLE ID GROUP**

CMW06: *Explosives, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW06 | Aluminum | 12.7 |
| | Barium | 1.30 |
| | Boron | 2.21 F |
| | Iron | 9.56 |
| | Manganese | 2.30 |

**SAMPLE ID GROUP**

CMW02: *Ammonia, Anions, Nitrate/Nitrite, Perchlorate, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW02 | Aluminum | 84.4 |
| | Antimony | 0.00613 F |
| | Boron | 0.981 F |
| | Iron | 35.9 |
| | Lead | 0.0201 |
| | Manganese | 2.37 |

**SAMPLE ID GROUP**

KMW11: *Ammonia, Anions, Explosives, Nitrate, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| KMW11 | Aluminum | 61.9 |
| | Arsenic | 0.0207 FJ |
| | Boron | 1.50 F |
| | Iron | 36.3 |
| | Manganese | 0.572 DJ |
| | Vanadium | 0.26 D |

**SAMPLE ID GROUP**

KMW13: *Ammonia, Anions, Explosives, Nitrate/Nitrite, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| KMW13 | Ammonia Nitrogen | 0.254 |
| | Iron | 4.22 J |
| | Manganese | 0.522 J |
| | Nitrite | 1.26 |
| | Sulfate | 3150 |

**SAMPLE ID GROUP**

KMW10: *Ammonia, Anions, Nitrate/Nitrite, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| KMW10 | Aluminum | 14.0 |
| | Ammonia Nitrogen | 1.04 J |
| | Iron | 8.53 J |
| | Manganese | 0.23 |

**SAMPLE ID GROUP**

KMW09: *Ammonia, Anions, Explosives, Nitrate/Nitrite, Perchlorate, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| KMW09 | Aluminum | 495 |
| | Ammonia Nitrogen | 0.961 FJ |
| | Arsenic | 0.0337 |
| | Barium | 1.05 |
| | Beryllium | 0.0179 |
| | Chromium | 0.348 |
| | Cobalt | 0.0784 |
| | Iron | 227 |
| | Lead | 0.228 |
| | Manganese | 4.53 |
| | Nickel | 0.30 |
| | Sulfate | 1730 |

**SAMPLE ID GROUP**

CMW18: *Ammonia, Anions, Explosives, Nitrate/Nitrite, Perchlorate, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW18 | Aluminum | 24.3 J |
| | Iron | 14.5 J |
| | Manganese | 0.657 J |
| | RDX | 0.17 |

**SAMPLE ID GROUP**

CMW17: *Ammonia, Anions, Explosives, Nitrate, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW17 | Aluminum | 88.2 |
| | Ammonia Nitrogen | 0.251 |
| | Boron | 1.95 |
| | Chromium | 0.0586 |
| | Iron | 46.3 |
| | Manganese | 0.767 |
| | Vanadium | 0.205 |

**SAMPLE ID GROUP**

CMW10: *Ammonia, Anions, Nitrate/Nitrite, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW10 | Ammonia Nitrogen | 0.557 F |
| | Chloride | 398 |
| | Chromium | 0.282 J |
| | Iron | 1.48 |
| | Selenium | 0.0845 |
| | Sulfate | 1230 |

**SAMPLE ID GROUP**

CMW07: *Ammonia, Anions, Nitrate/Nitrite, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW07 | Aluminum | 52.3 |
| | Boron | 1.04 |
| | Cadmium | 0.00681 F |
| | Fluoride | 2.19 |
| | Iron | 27.8 |
| | Manganese | 0.48 |

**SAMPLE ID GROUP**

CMW04: *Ammonia, Anions, Nitrate, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| CMW04 | Aluminum | 30.1 J |
| | Boron | 2.03 D |
| | Fluoride | 3.89 |
| | Iron | 15.2 J |
| | Sulfate | 2100 |

**SAMPLE ID GROUP**

KMW12: *Ammonia, Anions, Nitrate/Nitrite, Metals*

| SAMPLE ID | ANALYTE | RESULT (mg/L) |
|---|---|---|
| KMW12 | Aluminum | 45.2 |
| | Ammonia Nitrogen | 0.547 |
| | Iron | 22.1 |
| | Manganese | 1.32 F |
| | Sulfate | 1940 |

LEGEND

- SWMU/AOC BOUNDARY
- APPROXIMATE BOUNDARY OF GEOPHYSICAL ANOMALY/SURFACE DEBRIS/RESIDUE PILE
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS PILE AREA
- EXPLOSIVE STAINED SOIL AREA
- BACKGROUND SOIL SAMPLE
- APPROXIMATE LOCATION OF FORMER OPEN DETONATION CRATER
- APPROXIMATE LOCATION OF EXISTING OPEN DETONATION CRATER
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRANDBARBED WIRE TOP
- 5-STRAND BARBED WIRE FENCE
- SENSITIVE HABITAT (WETLAND)
- SENSITIVE HABITAT (WILDLIFE)
- WILLOW THICKET
- COTTONWOOD GROVE
- TOPOGRAPHIC CONTOUR (FT. MSL)
- 100-YEAR FLOODPLAIN
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARIES
- FWDA PROPERTY BOUNDARY, FEBRUARY 2002
- SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION

SWMU 14

- ALLUVIAL MONITORING WELL
- MANCOS SHALE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION BORING
- ENTRADA SANDSTONE FORMATION MONITORING WELL
- PAINTED DESERT MEMBER MONITORING WELL
- SONSELA SANDSTONE MEMBER MONITORING WELL
- SAMPLE EXCEEDING PERMIT CLEANUP LEVEL
- CONSTITUENT GROUP DETECTED
- D DUPLICATE SAMPLE
- F FILTERED SAMPLE
- J ESTIMATED CONCENTRATION

BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS TAKEN SEPTEMBER 28, 1995

400 200 0 400 800
SCALE IN FEET

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 06.19.08


TerranearPMC, LLC
222 VALLEY CREEK BLVD., SUITE 210
EXTON, PA 19341-2843
(610) 862-5000 PHONE
(610) 862-5050 FAX


# Figure 6-2
## Proposed Ground Water Monitoring Well Locations OB/OD Unit and Parcel 3 SWMUs

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511401-4C | 0 |
| | | APPVD: | SCALE: 1" = 400' | |

KEY MAP

LEGEND

- SWMU/AOC BOUNDARY
- APPROXIMATE BOUNDARY OF GEOPHYSICAL ANOMALY/SURFACE DEBRIS/RESIDUE PILE
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS PILE AREA
- EXPLOSIVE STAINED SOIL AREA
- BACKGROUND SOIL SAMPLE
- APPROXIMATE LOCATION OF FORMER OPEN DETONATION CRATER
- APPROXIMATE LOCATION OF EXISTING OPEN DETONATION CRATER
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRANDBARBED WIRE TOP
- 5-STRAND BARBED WIRE FENCE
- SENSITIVE HABITAT (WETLAND)
- SENSITIVE HABITAT (WILDLIFE)
- WILLOW THICKET
- COTTONWOOD GROVE
- 6800 TOPOGRAPHIC CONTOUR (FT. MSL)
- 100-YEAR FLOODPLAIN
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARIES
- FWDA PROPERTY BOUNDARY, FEBRUARY 2002
- SWMU 14 SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- BACKGROUND MONITORING WELL
- ALLUVIAL MONITORING WELL
- MANCOS SHALE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION BORING
- ENTRADA SANDSTONE FORMATION MONITORING WELL
- PAINTED DESERT MEMBER MONITORING WELL
- SONSELA SANDSTONE MEMBER MONITORING WELL
- SAN ANDREAS/GLORIETTA FORMATION MONITORING WELL
- ZUNI SANDSTONE FORMATION MONITORING WELL
- GALLUP SANDSTONE FORMATION MONITORING WELL
- FAULT ZONE MONITORING WELL
- CMW47 PROPOSED MONITORING WELL

FEDERAL GOVERNMENT BLM MANAGED

FEDERAL GOVERNMENT INDIAN TRUST LANDS

AOC 76
FEATURE 19 ON THE 1973 AERIAL PHOTO API-5

AOC 89
FEATURES 30 AND 34 ON THE 1973 AERIAL PHOTO API-5

SWMU 14
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)

CLOSED OB/OD AREA

SWMU 15
OLD DEMOLITION AREA (INCLUDES INACTIVE EOD AREA, KGA-1, KGA-2, OLD OB/OD AND BURIED PHOSPHORUS ROUNDS, AND THREE MOUNDS IN FENCED-UP HORSE VALLEY)

SWMU 33
WASTE PILE KP1

AOC 90
FEATURE 36 ON THE 1973 AERIAL PHOTO API-5

AOC 92
FEATURE 31 ON THE 1973 AERIAL PHOTO API-5 AND FEATURE 21 ON THE 1978 AERIAL PHOTO API-7

CURRENT OB/OD AREA

HWMU OB/OD UNIT

AOC 91
FEATURE 41 ON THE 1973 AERIAL PHOTO API-5 AND FEATURE 27 ON THE 1978 AERIAL PHOTO API-7

AOC 36
IGLOO BLOCK J (INCLUDES MISSILE LAUNCH PAD USED BY MDA)

SWMU 74
AREA 16 OR SITE 16 (PROPOSED BURNING GROUND)

THE HOGBACK

PINYON-JUNIPER

FENCED-UP HORSE VALLEY

IGLOO BLOCK H

IGLOO BLOCK J

BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS TAKEN SEPTEMBER 28, 1995

400 200 0 400 800
SCALE IN FEET

| REV. NO. | DATE | DESCRIPTION OF REVISION | REV. BY | ENG | CHKD BY | APPVD BY |
|---|---|---|---|---|---|---|
| | | | | | | |

PROJECT MANAGER: E. KAMMERER | DRAWN BY: D. TAYLOR | DATE: 06.19.08


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EXTON, PA 19341-2843
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# Figure 6-3
## Proposed Ground Water Monitoring Well Locations and Parcel 3 Geology
## OB/OD Unit and Parcel 3 SWMUs

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

| PROJECT NO. | FILE NO. | CHKD: | DRAWING NUMBER | REV. NO. |
|---|---|---|---|---|
| 33211 | | ENG. | 511401-3C | 0 |
| | | APPVD: | SCALE: 1" = 400' | |

KEY MAP

FEDERAL GOVERNMENT BLM MANAGED

FEDERAL GOVERNMENT INDIAN TRUST LANDS

FEDERAL GOVERNMENT BIA MANAGED

WESTERN SECURITY FENCE WITH WARNING SIGNS OWNED BY ARMY (EXTENDS NORTH TO NORTHERN BOUNDARY OF FWDA)

MAIN INSTALLATION SECURITY FENCE MAINTAINED BY BMDO

APPROXIMATE BOUNDARY OF PARCEL TO BE RETAINED BY ARMY

AOC 76 FEATURE 19 ON THE 1973 AERIAL PHOTO API-5

AOC 89 FEATURES 30 AND 34 ON THE 1973 AERIAL PHOTO API-5

SWMU 14 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 DUMPPILE)

SWMU 15 OLD DEMOLITION AREA (INCLUDES INACTIVE EOD AREA, KGA-1, KGA-2, OLD OB/OD AND BURIED PHOSPHORUS ROUNDS, AND THREE MOUNDS IN FENCED-UP HORSE VALLEY)

SWMU 33 WASTE PILE KP1

AOC 90 FEATURE 36 ON THE 1973 AERIAL PHOTO API-5

AOC 92 FEATURE 31 ON THE 1973 AERIAL PHOTO API-5 AND FEATURE 21 ON THE 1978 AERIAL PHOTO API-7

AOC 91 FEATURE 41 ON THE 1973 AERIAL PHOTO API-5 AND FEATURE 27 ON THE 1978 AERIAL PHOTO API-7

AOC 36 IGLOO BLOCK J (INCLUDES MISSILE LAUNCH PAD USED BY MDA)

SWMU 74 AREA 16 OR SITE 16 (PROPOSED BURNING GROUND)

CURRENT OB/OD AREA

CLOSED OB/OD AREA

HWMU OB/OD UNIT

THE HOGBACK

FENCED-UP HORSE VALLEY

IGLOO BLOCK H

IGLOO BLOCK J

GATE 209

BUILDING 601 BREAK ROOM

BUILDING 604 CONTROL SHELTER AND TRUCK BARRICADE

OPEN-SIDED STORAGE SHED

GATE 209A

GATE (NO ID.)

CURRENT OB/OD AREA SECURITY FENCE OWNED BY ARMY

SOUTHERN SECURITY FENCE OWNED BY ARMY

SOUTHERN BOUNDARY FENCE WITH WARNING SIGNS OWNED BY ARMY

EASTERN SECURITY FENCE OWNED BY BMDO (EXTENDS EAST TO FWDA BOUNDARY FENCE)

EASTERN SECURITY FENCE WITH WARNING SIGNS OWNED BY ARMY

WESTERN SECURITY FENCE WITH WARNING SIGNS OWNED BY ARMY

BURNING GROUND AREA

OLD BURNING GROUND AND DEMOLITION LANDFILL AREA

OLD DEMOLITION AREA

ESTIMATED EXTENT OF BURIED, BURNED SMOKE CANISTERS FOUND IN 1993

PINYON-JUNIPER

### LEGEND

- SWMU/AOC BOUNDARY
- APPROXIMATE BOUNDARY OF GEOPHYSICAL ANOMALY/SURFACE DEBRIS/RESIDUE PILE
- INTERPRETED SUBSURFACE RESIDUE/DEBRIS PILE AREA
- EXPLOSIVE STAINED SOIL AREA
- BACKGROUND SOIL SAMPLE
- APPROXIMATE LOCATION OF FORMER OPEN DETONATION CRATER
- APPROXIMATE LOCATION OF EXISTING OPEN DETONATION CRATER
- APPROXIMATE BOUNDARY OF BURNING GROUND AREA
- APPROXIMATE BOUNDARY OF OB/OD UNIT
- 6-FOOT CHAIN LINK SECURITY FENCE WITH 3-STRANDBARBED WIRE TOP
- 5-STRAND BARBED WIRE FENCE
- SENSITIVE HABITAT (WETLAND)
- SENSITIVE HABITAT (WILDLIFE)
- WILLOW THICKET
- COTTONWOOD GROVE
- TOPOGRAPHIC CONTOUR (FT. MSL)
- 100-YEAR FLOODPLAIN
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARIES
- FWDA PROPERTY BOUNDARY, FEBRUARY 2002
- SWMU 14 — SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- BACKGROUND MONITORING WELL
- ALLUVIAL MONITORING WELL
- MANCOS SHALE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION MONITORING WELL
- DAKOTA SANDSTONE FORMATION BORING
- ENTRADA SANDSTONE FORMATION MONITORING WELL
- PAINTED DESERT MEMBER MONITORING WELL
- SONSELA SANDSTONE MEMBER MONITORING WELL
- SAN ANDREAS/GLORIETTA FORMATION MONITORING WELL
- ZUNI SANDSTONE FORMATION MONITORING WELL
- GALLUP SANDSTONE FORMATION MONITORING WELL
- FAULT ZONE MONITORING WELL
- CMW47 — PROPOSED MONITORING WELL
- Qal — QUATERNARY ALLUVIAL DEPOSITS
- Qcl — QUATERNARY COLLUVIAL DEPOSITS
- Kcc — CREVASSE CANYON FORMATION
- Kg — GALLUP SANDSTONE
- Km — MANCOS SHALE
- Kd — DAKOTA SANDSTONE
- Jm — MORRISON FORMATION
- Jz — ZUNI SANDSTONE
- Je — ENTRADA SANDSTONE
- Tro — OWL ROCK FORMATION
- Trpp — PETRIFIED FOREST FORMATION, PAINTED DESERT MEMBER
- Trps — PETRIFIED FOREST FORMATION, SONSELA SANDSTONE MEMBER
- Trpb — PETRIFIED FOREST FORMATION, BLUE MESA MEMBER

BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHS TAKEN SEPTEMBER 28, 1995

400 200 0 400 800
SCALE IN FEET

***Table 6-1***
***Monitoring Well Construction Data***
***Parcel 3***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| WELL ID | FWDA PARCEL | DATE INSTALLED | DRILLING METHOD | NORTHING | EASTING | GROUND ELEVATION (FT AMSL) | TOP OF CASING ELEVATION (FT AMSL) | PVC STICKUP (FEET) | CASING DIAMETER (INCHES) | BOREHOLE DIAMETER (INCHES) | TOTAL DEPTH DRILLED (FT BGS) | TOTAL WELL DEPTH (FT TOC) | SCREEN LENGTH (FEET) | SCREENED INTERVAL (FT BGS) | SCREENED INTERVAL (FT AMSL) | | | SCREENED FORMATION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW02 | 3 | 8/15/1996 | A.R. | 1612192.54 | 2489293.48 | 7256.61 | 7258.29 | 2.30 | 2.0 | 8.0 | 43.00 | 37.90 | 10.0 | 25.0 - 35.0 | 7230.39 | - | 7220.39 | Silty Clay |
| CMW04 | 3 | 8/15/1996 | A.R. | 1612725.21 | 2489318.83 | 7249.50 | 7251.21 | 2.30 | 2.0 | 8.0 | 136.60 | 137.91 | 20.0 | 115.0 - 135.0 | 7133.30 | - | 7113.30 | Silty Clay |
| CMW06 | 3 | 10/5/1996 | H.S.A. | 1613477.48 | 2489087.84 | 7214.13 | 7216.05 | 2.50 | 2.0 | 4.0 | 18.60 | 21.10 | 10.0 | 8.3 - 18.3 | 7204.95 | - | 7194.95 | Silty Clay/Silty Sand |
| CMW07 | 3 | 8/12/1996 | H.S.A./A.R. | 1613480.48 | 2488966.63 | 7233.61 | 7235.50 | 2.30 | 2.0 | 8.0 | 65.80 | 66.60 | 20.0 | 44.0 - 64.0 | 7188.90 | - | 7168.90 | Clayey Silt/Sandstone |
| CMW10 | 3 | 10/1/1996 | H.S.A./A.R. | 1614801.00 | 2488526.03 | 7177.71 | 7179.59 | 2.50 | 2.0 | 8.0 | 70.85 | 73.10 | 20.0 | 50.5 - 70.5 | 7126.49 | - | 7106.49 | Silty Clay |
| CMW14 | 3 | 9/30/1996 | H.S.A./A.R. | 1615834.07 | 2488638.27 | 7151.56 | 7153.57 | 2.50 | 2.0 | 9.0 | 94.55 | 96.75 | 10.0 | 84.2 - 94.2 | 7066.82 | - | 7056.82 | Silty Clay |
| CMW16 | 3 | 9/6/1996 | H.S.A./A.R. | 1618788.98 | 2488995.95 | 7082.17 | 7084.23 | 2.00 | 2.0 | 8.0 | 31.80 | 32.72 | 10.0 | 20 - 30 | 7061.51 | - | 7051.51 | Siltstone/Sandstone |
| CMW17 | 3 | 8/17/1996 | H.S.A./A.R. | 1615859.71 | 2488582.77 | 7143.72 | 7145.39 | 1.60 | 2.0 | 8.0 | 53.00 | 54.24 | 20.0 | 32.0 - 52.0 | 7111.15 | - | 7091.15 | Silty Clay |
| CMW18 | 3 | 8/21/1996 | H.S.A./A.R. | 1615884.92 | 2488504.36 | 7156.63 | 7158.58 | 1.95 | 2.0 | 8.0 | 53.00 | 54.10 | 20.0 | 32.0 - 52.0 | 7124.48 | - | 7104.48 | Silty Clay/Clayey Silt |
| CMW19 | 3 | 9/28/1996 | H.S.A./A.R. | 1616765.47 | 2488680.89 | 7128.11 | 7130.19 | 2.50 | 2.0 | 8.0 | 52.80 | 51.30 | 15.0 | 33.5 - 48.5 | 7093.89 | - | 7078.89 | Silty Clay |
| CMW20 | 3 | 10/5/1996 | H.S.A. | 1613921.11 | 2489020.65 | 7193.14 | 7194.98 | 2.50 | 2.0 | 4.0 | 5.80 | 8.15 | 3.0 | 2.5 - 5.5 | 7189.83 | - | 7186.83 | Clayey Sand |
| CMW21 | 2 | 8/12/1998 | H.S.A./A.R. | 1618931.33 | 2488996.93 | 7083.66 | 7085.16 | 1.50 | 2.0 | 5.5 | 74.50 | 69.44 | 10.0 | 57-67 | 7025.72 | - | 7015.72 | Sandstone/Siltstone |
| CMW22 | 2 | 8/10/1998 | H.S.A./A.R. | 1619789.76 | 2489134.45 | 7077.48 | 7078.98 | 1.50 | 2.0 | 5.5 | 122.00 | 69.30 | 20.0 | 96.5-116.5 | 7029.68 | - | 7009.68 | Sandstone/Siltstone |
| CMW23 | 2 | 9/4/1998 | H.S.A./A.R. | 1621476.93 | 2490358.70 | 7030.22 | 7032.42 | 2.20 | 2.0 | 5.5 | 112.00 | 106.60 | 20.0 | 84-104 | 6945.82 | - | 6925.82 | Sandstone |
| CMW24 | 3 | 7/31/1998 | H.S.A./A.R. | 1618994.16 | 2488774.57 | 7094.94 | 7096.67 | 1.73 | 2.0 | 6.3 | 262.00 | 262.34 | 30.0 | 230-260 | 6864.33 | - | 6834.33 | Sandstone |
| CMW25 | 2 | 9/15/1998 | H.S.A./A.R. | 1622766.19 | 2490167.82 | 7002.19 | 7004.52 | 2.33 | 2.0 | 5.0 | 97.00 | 98.78 | 25.0 | 71-96 | 6930.74 | - | 6905.74 | Sandstone |
| KMW09 | 3 | 9/28/1996 | H.S.A./A.R. | 1616770.94 | 2486174.10 | 7186.54 | 7188.38 | 2.50 | 2.0 | 9.0 | 80.40 | 72.90 | 10.0 | 60 - 70 | 7125.48 | - | 7115.48 | Silty Clay/Sandy Clay |
| KMW10 | 3 | 9/27/1996 | H.S.A./A.R. | 1618066.38 | 2487828.13 | 7129.65 | 7131.73 | 2.50 | 2.0 | 8.0 | 168.45 | 171.02 | 10.0 | 158 - 168 | 6970.71 | - | 6960.71 | Siltstone/Sandstone |
| KMW11 | 3 | 8/6/1996 | H.S.A. | 1618633.16 | 2488523.98 | 7107.25 | 7109.04 | 1.80 | 2.0 | 9.0 | 63.00 | 57.44 | 20.0 | 35 - 55 | 7071.60 | - | 7051.60 | Silty Clay |
| KMW12 | 3 | 9/2/1998 | H.S.A./A.R. | 1616474.97 | 2486128.70 | 7188.48 | 7190.23 | 1.75 | 2.0 | 8.8 | 75.00 | 75.49 | 20.0 | 53-73 | 7134.74 | - | 7114.74 | Claystone |
| KMW13 | 3 | 8/17/1998 | H.S.A./A.R. | 1617202.52 | 2486607.02 | 7163.82 | 7165.62 | 1.80 | 2.0 | 8.8 | 52.50 | 53.83 | 20.0 | 32-52 | 7131.79 | - | 7111.79 | Clayey/Sandy Shale |
| FW24 | 2 | 11/13/1980 | H.S.A. | 1622438.23 | 2491682.83 | 6991.91 | 6993.91 | 2.00 | 4.0 | 8.0 | 25.00 | 24.35 | 15.0 | 8-23 | 6984.56 | - | 6969.56 | Clay |
| FW31 | 19 | 11/14/1980 | H.S.A. | 1631055.13 | 2504816.16 | 6825.71 | 6827.71 | 2.00 | 4.0 | 8.0 | 50.00 | 52.00 | 40.0 | 10-50 | 6815.71 | - | 6775.71 | Clay |
| FW38 | 3 | 11/19/1993 | H.S.A. | 1614874.93 | 2488534.12 | 7169.43 | 7172.35 | 2.92 | 2.0 | 3.0 | 7.50 | 10.55 | ND | ND | ND | - | ND | ND |

**Notes:**

FT AMSL = Feet Above Mean Sea Level
FT BGS = Feet Below Ground Surface
FT TOC = Feet Below Top of Casing
ND = No Data Available

*Drilling Method*

A.R. = Air Rotary
H.S.A. = Hollow Stem Auger
W.R. = Wet Rotary

***Table 6-2***
***Summary of Formations and Ground Water Sampling, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Formation/Well | Number of Ground Water Sampling Events | Comments | Data Gaps |
|---|---|---|---|
| **Alluvial** | | | |
| *CMW06* | 4 | • Aluminum and barium were detected in two samples exceeding cleanup levels<br>• Iron and manganese were detected in three samples exceeding cleanup levels<br>• Boron was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| *CMW20* | 2 | • Aluminum, iron, lead, and manganese were detected in two samples exceeding cleanup levels<br>• Barium was detected in a single sample exceeding cleanup levels<br>• RDX was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| *FW38* | 4 | • Aluminum, iron, and manganese were detected in three samples exceeding cleanup levels<br>• Nickel was detected in a single sample exceeding cleanup levels<br>• Lead was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| **Gallup Sandstone** | | | |
| *(No Wells)* | 0 | Not Monitored | |

## *Table 6-2*
## *Summary of Formations and Ground Water Sampling, OB/OD Unit and Parcel 3 SWMUs*
## *Fort Wingate Depot Activity*
## *McKinley County, New Mexico*

| | | | |
|---|---|---|---|
| **Mancos Shale** | | | |
| *KMW09* | 20 | • Aluminum and manganese were detected in seven samples exceeding cleanup levels<br>• Nickel was detected in a single sample exceeding cleanup levels<br>• Lead was detected in four samples exceeding cleanup levels<br>• Iron was detected in nine samples exceeding cleanup levels<br>• Ammonia nitrogen and sulfate were detected in two samples exceeding cleanup levels<br>• Arsenic detected in two samples exceeding cleanup levels<br>• Barium, beryllium, cobalt, and copper were detected in a single sample exceeding cleanup levels<br>• Chromium was detected in three samples exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| *KMW12* | 18 | • Aluminum was detected in seven samples exceeding cleanup levels<br>• Iron was detected in nine samples exceeding cleanup levels<br>• Ammonia nitrogen and sulfate were detected in two samples exceeding cleanup levels<br>• Manganese was detected in 18 samples exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| **Dakota Sandstone** | | | |
| *KMW13* | 17 | • Manganese was detected in seven samples exceeding cleanup levels<br>• Sulfate was detected in a single sample exceeding cleanup levels<br>• Iron was detected in two samples exceeding cleanup levels<br>• Ammonia nitrogen and nitrite were detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |

## *Table 6-2*
## *Summary of Formations and Ground Water Sampling, OB/OD Unit and Parcel 3 SWMUs*
## *Fort Wingate Depot Activity*
## *McKinley County, New Mexico*

| | | | |
|---|---|---|---|
| **Morrison Formation** | | | |
| *(No Wells)* | 0 | Not Monitored | |
| ***Zuni Sandstone*** | | | |
| *(No Wells)* | 0 | Not Monitored | |
| **Entrada Sandstone** | | | |
| *KMW10* | 4 | • Manganese was detected in two samples exceeding cleanup levels<br>• Aluminum and iron were detected in three samples exceeding cleanup levels<br>• Ammonia nitrogen was detected in two samples exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| **Chinle Formation (Painted Desert Formation)** | | | |
| *CMW02* | 19 | • Aluminum was detected in four samples exceeding cleanup levels<br>• Manganese was detected in a single sample exceeding cleanup levels<br>• Iron was detected in five samples exceeding cleanup levels<br>• Boron was detected in a single sample exceeding cleanup levels<br>• Antimony was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |

| | | | |
|---|---|---|---|
| *CMW04* | 4 | • Aluminum and iron were detected in two samples (one regular and one duplicate) exceeding cleanup levels<br>• Sulfate was detected in three samples (two regular and one duplicate) exceeding cleanup levels<br>• Boron and fluoride were detected in two samples (one regular and one duplicate) exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| *CMW07* | 4 | • Aluminum and iron were detected in four samples exceeding cleanup levels<br>• Manganese was detected in three samples exceeding cleanup levels<br>• Boron, cadmium, and fluoride were detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| *CMW10* | 4 | • Chromium was detected in three samples exceeding cleanup levels<br>• Sulfate was detected in two samples exceeding cleanup levels<br>• Iron was detected in a single sample exceeding cleanup levels<br>• Ammonia Nitrogen was detected in a single sample exceeding cleanup levels<br>• Selenium and chloride were detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| *CMW14* | 4 | • Chromium was detected in four samples exceeding cleanup levels<br>• Ammonia Nitrogen was detected in two samples exceeding cleanup levels<br>• Chloride was detected in a single sample exceeding cleanup levels<br>• Boron and sulfate was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |

| | | | |
|---|---|---|---|
| *CMW16* | 19 | • RDX was detected in 20 samples (18 regular and two duplicates) exceeding cleanup levels<br>• Aluminum was detected in seven samples (six regular and one duplicate) exceeding cleanup levels<br>• Iron was detected in eight samples (seven regular and one duplicate) exceeding cleanup levels<br>• Manganese was detected in four samples (three regular and one duplicate) exceeding cleanup levels<br>• Antimony was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| *CMW17* | 4 | • Iron was detected in four samples exceeding cleanup levels<br>• Aluminum was detected in two samples exceeding cleanup levels<br>• Boron, chromium, manganese, and vanadium were detected in a single sample exceeding cleanup levels<br>• Ammonia Nitrogen was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| *CMW18* | 19 | • RDX was detected in 30 samples (17 regular and 13 duplicate) exceeding cleanup levels<br>• Aluminum was detected in 10 samples (seven regular and three duplicate) exceeding cleanup levels<br>• Iron was detected 11 samples (eight regular and three duplicate) exceeding cleanup levels<br>• Manganese was detected in seven samples (five regular and two duplicate) exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |

| | | | |
|---|---|---|---|
| *CMW19* | 4 | • Sulfate was detected in two samples exceeding cleanup levels<br>• Boron was detected in two samples (one regular and one duplicate) exceeding cleanup levels<br>• Aluminum, iron, and manganese were detected in four samples (three regular and one duplicate) exceeding cleanup levels<br>• Lead was detected in a single sample exceeding cleanup levels<br>• Ammonia Nitrogen was detected in a single sample exceeding cleanup levels<br>• Chromium was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| *CMW21* | 17 | • Aluminum was detected in eight samples exceeding cleanup levels<br>• Iron was detected in 17 samples exceeding cleanup levels<br>• Manganese was detected in seven samples exceeding cleanup levels<br>• Lead was detected in two samples exceeding cleanup levels<br>• Chromium was detected in two samples exceeding cleanup levels<br>• Boron was detected in a single sample exceeding cleanup levels<br>• Ammonia Nitrogen was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| *CMW24* | 2 | • Chloride was detected in two samples exceeding cleanup levels<br>• Iron was detected in a single sample exceeding cleanup levels<br>• Boron was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |

| | | | |
|---|---|---|---|
| *CMW25* | 17 | • Aluminum was detected in 10 samples (nine regular and one duplicate) exceeding cleanup levels<br>• Iron was detected in 13 samples (12 regular and one duplicate) exceeding cleanup levels<br>• Manganese was detected in five samples (four regular and one duplicate) exceeding cleanup levels<br>• Lead was detected in a single sample exceeding cleanup levels<br>• Chromium was detected in three samples (two regular and one duplicate) exceeding cleanup levels<br>• Boron was detected in a single sample exceeding cleanup levels<br>• Cadmium was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling<br>• Furthest "downgradient" well in formation.<br>• Detections of RDX |
| *KMW11* | 4 | • Manganese was detected in three samples (two regular and one duplicate) exceeding cleanup levels<br>• Boron was detected in a single sample exceeding cleanup levels<br>• Aluminum and iron were detected in four samples (three regular and one duplicate) exceeding cleanup levels<br>• Aluminum and vanadium were detected in five samples (four regular and one duplicate) exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| **Chinle Formation (Sonsela Sandstone)** | | | |
| *CMW22* | 17 | • Aluminum was detected in 13 samples exceeding cleanup levels<br>• Iron was detected in 14 samples exceeding cleanup levels<br>• Manganese was detected in seven samples exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |

| | | | |
|---|---|---|---|
| *CMW23* | 12 | • Aluminum and iron were detected in 10 samples exceeding cleanup levels<br>• Arsenic was detected in a single sample exceeding cleanup levels<br>• Manganese was detected in two samples exceeding cleanup levels<br>• Lead was detected in two samples exceeding cleanup levels<br>• Chromium was detected in two samples exceeding cleanup levels<br>• Beryllium was detected in a single sample exceeding cleanup levels<br>• Nitrite was detected in a single sample exceeding cleanup levels<br>• Fluoride was detected in a single sample exceeding cleanup levels<br>• Sulfate was detected in a single sample exceeding cleanup levels | • Limited parameter analysis<br>• Non-consecutive sampling |
| **Moenkopi Formation** | | | |
| *(No Wells)* | 0 | Not Monitored | |
| **San Andres Limestone** | | | |
| *(No Wells)* | 0 | Not Monitored | |
| **Glorieta Sandstone** | | | |
| *(No Wells)* | 0 | Not Monitored | |
| **Yeso Formation** | | | |
| *(No Wells)* | 0 | Not Monitored | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BTSW01 | 11/19/1993 | 0.0 | Arsenic | 2.90E-03 | | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| BTSW01 | 11/19/1993 | 0.0 | Barium | 1.26E-01 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| BTSW01 | 11/19/1993 | 0.0 | Calcium | 1.51E+00 | | NS | NS | | NS | NS | |
| BTSW01 | 11/19/1993 | 0.0 | Chloride | 1.22E+01 | | 2.50E+02 | NS | | NS | NMWQCC | |
| BTSW01 | 11/19/1993 | 0.0 | Copper | 1.09E-02 | | 1.00E+00 | 1.30E+00 | | 1.36E+00 | NMWQCC | |
| BTSW01 | 11/19/1993 | 0.0 | Iron | 3.56E-01 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| BTSW01 | 11/19/1993 | 0.0 | Magnesium | 3.58E+00 | | NS | NS | | NS | NS | |
| **BTSW01** | **11/19/1993** | **0.0** | **Manganese** | **1.41E+00** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| BTSW01 | 11/19/1993 | 0.0 | Phosphate | 3.33E-02 | | NS | NS | | NS | NS | |
| BTSW01 | 11/19/1993 | 0.0 | Potassium | 5.30E+00 | | NS | NS | | NS | NS | |
| BTSW01 | 11/19/1993 | 0.0 | Sodium | 8.40E+00 | | NS | NS | | NS | NS | |
| BTSW01 | 11/19/1993 | 0.0 | Sulfate | 3.54E+01 | | 6.00E+02 | NS | | NS | NMWQCC | |
| BTSW01 | 11/19/1993 | 0.0 | Zinc | 3.84E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW02 | 10/19/1998 | 0.0 | Aluminum | 1.30E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Aluminum | 2.57E-01 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 1/26/2000 | 0.0 | Aluminum | 1.38E-01 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 4/17/2000 | 0.0 | Aluminum | 6.12E-02 | FJ | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 4/17/2000 | 0.0 | Aluminum | 4.10E+00 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 7/28/2000 | 0.0 | Aluminum | 1.79E+00 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Aluminum | 2.77E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 1/17/2001 | 0.0 | Aluminum | 7.15E-02 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 4/24/2001 | 0.0 | Aluminum | 1.23E-01 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 7/24/2001 | 0.0 | Aluminum | 7.36E-02 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 2/19/2002 | 0.0 | Aluminum | 7.24E-02 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 4/29/2002 | 0.0 | Aluminum | 9.54E-02 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 7/15/2002 | 0.0 | Aluminum | 3.94E-02 | FJ | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 7/15/2002 | 0.0 | Aluminum | 9.42E-02 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 10/21/2002 | 0.0 | Aluminum | 9.14E-02 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 4/9/2003 | 0.0 | Aluminum | 4.35E-01 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW02 | 08/30/2005 | 0.0 | Aluminum | 0.256 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| **CMW02** | **10/22/1996** | **0.0** | **Aluminum** | **1.30E+01** | **J** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW02** | **2/10/1997** | **0.0** | **Aluminum** | **1.13E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW02** | **10/19/1998** | **0.0** | **Aluminum** | **5.47E+00** | **J** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW02** | **10/19/2000** | **0.0** | **Aluminum** | **8.44E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| CMW02 | 1/21/1999 | 0.0 | Ammonia nitrogen | 2.72E-02 | J | NS | NS | | 2.09E-01 | MSC | |
| CMW02 | 1/21/1999 | 0.0 | Antimony | 1.97E-03 | J | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW02 | 10/21/2002 | 0.0 | Antimony | 4.63E-04 | FJ | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW02 | 10/21/2002 | 0.0 | Antimony | 4.10E-04 | J | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW02 | 1/28/2003 | 0.0 | Antimony | 1.04E-03 | FJ | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW02 | 1/28/2003 | 0.0 | Antimony | 1.11E-03 | J | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| **CMW02** | **10/9/2001** | **0.0** | **Antimony** | **6.13E-03** | **F** | **NS** | **6.00E-03** | | **1.46E-02** | **MCL** | **YES** |
| CMW02 | 10/22/1996 | 0.0 | Arsenic | 2.96E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW02 | 10/22/1996 | 0.0 | Arsenic | 3.03E-03 | | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW02 | 2/10/1997 | 0.0 | Arsenic | 2.66E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW02 | 2/10/1997 | 0.0 | Arsenic | 4.87E-03 | | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW02 | 10/19/1998 | 0.0 | Arsenic | 4.14E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW02 | 10/19/1998 | 0.0 | Arsenic | 4.20E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW02 | 1/21/1999 | 0.0 | Arsenic | 1.75E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 1/21/1999 | 0.0 | Arsenic | 2.06E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 1/26/2000 | 0.0 | Arsenic | 3.43E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 10/19/2000 | 0.0 | Arsenic | 3.02E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 10/19/2000 | 0.0 | Arsenic | 4.91E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 1/17/2001 | 0.0 | Arsenic | 1.04E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 1/17/2001 | 0.0 | Arsenic | 1.33E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 4/24/2001 | 0.0 | Arsenic | 3.30E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 4/24/2001 | 0.0 | Arsenic | 3.50E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 10/9/2001 | 0.0 | Arsenic | 4.79E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 10/9/2001 | 0.0 | Arsenic | 2.82E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 2/19/2002 | 0.0 | Arsenic | 1.55E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 2/19/2002 | 0.0 | Arsenic | 1.67E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 4/29/2002 | 0.0 | Arsenic | 3.22E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 4/29/2002 | 0.0 | Arsenic | 3.24E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 7/15/2002 | 0.0 | Arsenic | 4.59E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 7/15/2002 | 0.0 | Arsenic | 4.62E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 10/21/2002 | 0.0 | Arsenic | 5.90E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 10/21/2002 | 0.0 | Arsenic | 5.87E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 1/28/2003 | 0.0 | Arsenic | 5.37E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 1/28/2003 | 0.0 | Arsenic | 4.95E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 4/9/2003 | 0.0 | Arsenic | 1.54E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 4/9/2003 | 0.0 | Arsenic | 2.40E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 08/30/2005 | 0.0 | Arsenic | 0.00339 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 08/30/2005 | 0.0 | Arsenic | 0.00436 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW02 | 10/22/1996 | 0.0 | Barium | 5.11E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 10/22/1996 | 0.0 | Barium | 1.04E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 2/10/1997 | 0.0 | Barium | 3.15E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 2/10/1997 | 0.0 | Barium | 1.22E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 10/19/1998 | 0.0 | Barium | 5.88E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 10/19/1998 | 0.0 | Barium | 1.16E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Barium | 4.03E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Barium | 4.59E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 1/26/2000 | 0.0 | Barium | 4.01E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 1/26/2000 | 0.0 | Barium | 3.82E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 4/17/2000 | 0.0 | Barium | 2.92E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 4/17/2000 | 0.0 | Barium | 8.92E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 7/28/2000 | 0.0 | Barium | 6.61E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Barium | 5.02E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Barium | 8.59E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 1/17/2001 | 0.0 | Barium | 6.27E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 1/17/2001 | 0.0 | Barium | 6.04E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 4/24/2001 | 0.0 | Barium | 3.80E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 4/24/2001 | 0.0 | Barium | 4.04E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 7/24/2001 | 0.0 | Barium | 3.09E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 7/24/2001 | 0.0 | Barium | 3.15E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 10/9/2001 | 0.0 | Barium | 2.91E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW02 | 10/9/2001 | 0.0 | Barium | 3.03E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 2/19/2002 | 0.0 | Barium | 2.80E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 2/19/2002 | 0.0 | Barium | 2.86E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 4/29/2002 | 0.0 | Barium | 2.61E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 4/29/2002 | 0.0 | Barium | 2.66E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 7/15/2002 | 0.0 | Barium | 2.72E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 7/15/2002 | 0.0 | Barium | 2.76E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 10/21/2002 | 0.0 | Barium | 2.79E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 10/21/2002 | 0.0 | Barium | 2.82E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 1/28/2003 | 0.0 | Barium | 2.56E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 1/28/2003 | 0.0 | Barium | 2.59E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 4/9/2003 | 0.0 | Barium | 3.12E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 4/9/2003 | 0.0 | Barium | 3.31E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 08/30/2005 | 0.0 | Barium | 0.0364 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 08/30/2005 | 0.0 | Barium | 0.0355 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Beryllium | 2.96E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW02 | 7/15/2002 | 0.0 | Beryllium | 3.55E-04 | FJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW02 | 08/30/2005 | 0.0 | Beryllium | 0.000426 | JF | NS | 4.00E-03 | 7.30E-02 | MCL | |
| **CMW02** | **1/21/1999** | **0.0** | **Boron** | **9.81E-01** | **F** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW02** | **1/21/1999** | **0.0** | **Boron** | **9.09E-01** | | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| CMW02 | 10/22/1996 | 0.0 | Calcium | 1.12E+01 | F | NS | NS | NS | NS | |
| CMW02 | 10/22/1996 | 0.0 | Calcium | 1.75E+01 | J | NS | NS | NS | NS | |
| CMW02 | 2/10/1997 | 0.0 | Calcium | 8.37E+00 | F | NS | NS | NS | NS | |
| CMW02 | 2/10/1997 | 0.0 | Calcium | 2.23E+01 | | NS | NS | NS | NS | |
| CMW02 | 10/19/1998 | 0.0 | Calcium | 8.62E+00 | FJ | NS | NS | NS | NS | |
| CMW02 | 10/19/1998 | 0.0 | Calcium | 1.94E+01 | J | NS | NS | NS | NS | |
| CMW02 | 1/21/1999 | 0.0 | Calcium | 1.08E+01 | F | NS | NS | NS | NS | |
| CMW02 | 1/21/1999 | 0.0 | Calcium | 1.12E+01 | | NS | NS | NS | NS | |
| CMW02 | 1/26/2000 | 0.0 | Calcium | 9.41E+00 | F | NS | NS | NS | NS | |
| CMW02 | 1/26/2000 | 0.0 | Calcium | 8.51E+00 | | NS | NS | NS | NS | |
| CMW02 | 4/17/2000 | 0.0 | Calcium | 7.48E+00 | F | NS | NS | NS | NS | |
| CMW02 | 4/17/2000 | 0.0 | Calcium | 1.66E+01 | | NS | NS | NS | NS | |
| CMW02 | 7/28/2000 | 0.0 | Calcium | 3.05E+00 | F | NS | NS | NS | NS | |
| CMW02 | 7/28/2000 | 0.0 | Calcium | 1.41E+01 | | NS | NS | NS | NS | |
| CMW02 | 10/19/2000 | 0.0 | Calcium | 7.42E+00 | F | NS | NS | NS | NS | |
| CMW02 | 10/19/2000 | 0.0 | Calcium | 1.83E+02 | | NS | NS | NS | NS | |
| CMW02 | 1/17/2001 | 0.0 | Calcium | 1.50E+01 | F | NS | NS | NS | NS | |
| CMW02 | 1/17/2001 | 0.0 | Calcium | 1.41E+01 | | NS | NS | NS | NS | |
| CMW02 | 4/24/2001 | 0.0 | Calcium | 9.02E+00 | F | NS | NS | NS | NS | |
| CMW02 | 4/24/2001 | 0.0 | Calcium | 9.69E+00 | | NS | NS | NS | NS | |
| CMW02 | 7/24/2001 | 0.0 | Calcium | 7.05E+00 | F | NS | NS | NS | NS | |
| CMW02 | 7/24/2001 | 0.0 | Calcium | 6.68E+00 | | NS | NS | NS | NS | |
| CMW02 | 10/9/2001 | 0.0 | Calcium | 7.20E+00 | F | NS | NS | NS | NS | |
| CMW02 | 10/9/2001 | 0.0 | Calcium | 8.13E+00 | | NS | NS | NS | NS | |
| CMW02 | 2/19/2002 | 0.0 | Calcium | 6.98E+00 | F | NS | NS | NS | NS | |
| CMW02 | 2/19/2002 | 0.0 | Calcium | 7.05E+00 | | NS | NS | NS | NS | |
| CMW02 | 4/29/2002 | 0.0 | Calcium | 6.89E+00 | F | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW02 | 4/29/2002 | 0.0 | Calcium | 6.88E+00 | | NS | NS | NS | NS | |
| CMW02 | 7/15/2002 | 0.0 | Calcium | 6.45E+00 | F | NS | NS | NS | NS | |
| CMW02 | 7/15/2002 | 0.0 | Calcium | 6.60E+00 | | NS | NS | NS | NS | |
| CMW02 | 10/21/2002 | 0.0 | Calcium | 6.48E+00 | F | NS | NS | NS | NS | |
| CMW02 | 10/21/2002 | 0.0 | Calcium | 6.23E+00 | | NS | NS | NS | NS | |
| CMW02 | 1/28/2003 | 0.0 | Calcium | 6.96E+00 | F | NS | NS | NS | NS | |
| CMW02 | 1/28/2003 | 0.0 | Calcium | 6.49E+00 | | NS | NS | NS | NS | |
| CMW02 | 4/9/2003 | 0.0 | Calcium | 7.13E+00 | F | NS | NS | NS | NS | |
| CMW02 | 4/9/2003 | 0.0 | Calcium | 7.11E+00 | | NS | NS | NS | NS | |
| CMW02 | 08/30/2005 | 0.0 | Calcium | 5.66 | F | NS | NS | NS | NS | |
| CMW02 | 08/30/2005 | 0.0 | Calcium | 5.45 | | NS | NS | NS | NS | |
| CMW02 | 10/19/1998 | 0.0 | Chloride | 8.59E+00 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Chloride | 8.69E+00 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW02 | 10/22/1996 | 0.0 | Chromium | 3.02E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW02 | 10/22/1996 | 0.0 | Chromium | 7.18E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW02 | 2/10/1997 | 0.0 | Chromium | 3.92E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW02 | 4/17/2000 | 0.0 | Chromium | 5.30E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Chromium | 4.55E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Chromium | 1.41E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW02 | 10/21/2002 | 0.0 | Chromium | 4.93E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW02 | 10/21/2002 | 0.0 | Chromium | 4.67E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW02 | 10/22/1996 | 0.0 | Cobalt | 1.08E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW02 | 2/10/1997 | 0.0 | Cobalt | 1.03E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW02 | 1/26/2000 | 0.0 | Cobalt | 1.34E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW02 | 1/26/2000 | 0.0 | Cobalt | 2.10E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Cobalt | 4.59E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW02 | 4/9/2003 | 0.0 | Cobalt | 7.51E-05 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW02 | 4/9/2003 | 0.0 | Cobalt | 8.06E-05 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW02 | 10/22/1996 | 0.0 | Copper | 2.32E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW02 | 10/22/1996 | 0.0 | Copper | 1.34E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW02 | 2/10/1997 | 0.0 | Copper | 1.27E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW02 | 2/10/1997 | 0.0 | Copper | 5.51E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Copper | 5.00E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Copper | 7.55E-03 | FJ | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Copper | 4.69E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Fluoride | 1.16E+00 | | 1.60E+00 | 4.00E+00 | 2.19E+00 | NMWQCC | |
| CMW02 | 10/19/1998 | 0.0 | Iron | 4.87E-02 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Iron | 1.12E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW02 | 1/26/2000 | 0.0 | Iron | 4.91E-02 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW02 | 7/28/2000 | 0.0 | Iron | 6.87E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Iron | 1.02E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW02 | 2/19/2002 | 0.0 | Iron | 4.16E-02 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW02 | 4/29/2002 | 0.0 | Iron | 4.52E-02 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW02 | 7/15/2002 | 0.0 | Iron | 3.29E-02 | FJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW02 | 7/15/2002 | 0.0 | Iron | 3.74E-02 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW02 | 10/21/2002 | 0.0 | Iron | 4.44E-02 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **CMW02** | **10/22/1996** | **0.0** | **Iron** | **6.86E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| **CMW02** | **2/10/1997** | **0.0** | **Iron** | **6.18E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW02** | **10/19/1998** | **0.0** | **Iron** | **3.15E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW02** | **4/17/2000** | **0.0** | **Iron** | **2.20E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW02** | **10/19/2000** | **0.0** | **Iron** | **3.59E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| CMW02 | 10/22/1996 | 0.0 | Lead | 1.87E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW02 | 2/10/1997 | 0.0 | Lead | 2.39E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW02 | 10/19/1998 | 0.0 | Lead | 1.85E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW02 | 1/21/1999 | 0.0 | Lead | 7.30E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW02 | 1/21/1999 | 0.0 | Lead | 7.56E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW02 | 1/26/2000 | 0.0 | Lead | 5.31E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW02 | 10/21/2002 | 0.0 | Lead | 1.44E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW02 | 1/28/2003 | 0.0 | Lead | 4.38E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW02 | 4/9/2003 | 0.0 | Lead | 1.40E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| **CMW02** | **10/19/2000** | **0.0** | **Lead** | **2.01E-02** | | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| CMW02 | 10/22/1996 | 0.0 | Magnesium | 1.83E+00 | F | NS | NS | NS | NS | |
| CMW02 | 10/22/1996 | 0.0 | Magnesium | 6.14E+00 | J | NS | NS | NS | NS | |
| CMW02 | 2/10/1997 | 0.0 | Magnesium | 1.24E+00 | F | NS | NS | NS | NS | |
| CMW02 | 2/10/1997 | 0.0 | Magnesium | 5.31E+00 | | NS | NS | NS | NS | |
| CMW02 | 10/19/1998 | 0.0 | Magnesium | 1.58E+00 | FJ | NS | NS | NS | NS | |
| CMW02 | 10/19/1998 | 0.0 | Magnesium | 3.71E+00 | J | NS | NS | NS | NS | |
| CMW02 | 1/21/1999 | 0.0 | Magnesium | 1.68E+00 | F | NS | NS | NS | NS | |
| CMW02 | 1/21/1999 | 0.0 | Magnesium | 1.84E+00 | | NS | NS | NS | NS | |
| CMW02 | 1/26/2000 | 0.0 | Magnesium | 1.52E+00 | F | NS | NS | NS | NS | |
| CMW02 | 1/26/2000 | 0.0 | Magnesium | 1.38E+00 | | NS | NS | NS | NS | |
| CMW02 | 4/17/2000 | 0.0 | Magnesium | 1.30E+00 | F | NS | NS | NS | NS | |
| CMW02 | 4/17/2000 | 0.0 | Magnesium | 3.05E+00 | | NS | NS | NS | NS | |
| CMW02 | 7/28/2000 | 0.0 | Magnesium | 4.82E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 7/28/2000 | 0.0 | Magnesium | 2.57E+00 | | NS | NS | NS | NS | |
| CMW02 | 10/19/2000 | 0.0 | Magnesium | 1.11E+00 | F | NS | NS | NS | NS | |
| CMW02 | 10/19/2000 | 0.0 | Magnesium | 2.89E+01 | | NS | NS | NS | NS | |
| CMW02 | 1/17/2001 | 0.0 | Magnesium | 2.93E+00 | F | NS | NS | NS | NS | |
| CMW02 | 1/17/2001 | 0.0 | Magnesium | 2.74E+00 | | NS | NS | NS | NS | |
| CMW02 | 4/24/2001 | 0.0 | Magnesium | 1.58E+00 | FJ | NS | NS | NS | NS | |
| CMW02 | 4/24/2001 | 0.0 | Magnesium | 1.69E+00 | J | NS | NS | NS | NS | |
| CMW02 | 7/24/2001 | 0.0 | Magnesium | 1.31E+00 | F | NS | NS | NS | NS | |
| CMW02 | 7/24/2001 | 0.0 | Magnesium | 1.28E+00 | | NS | NS | NS | NS | |
| CMW02 | 10/9/2001 | 0.0 | Magnesium | 1.22E+00 | F | NS | NS | NS | NS | |
| CMW02 | 10/9/2001 | 0.0 | Magnesium | 1.28E+00 | | NS | NS | NS | NS | |
| CMW02 | 2/19/2002 | 0.0 | Magnesium | 1.17E+00 | F | NS | NS | NS | NS | |
| CMW02 | 2/19/2002 | 0.0 | Magnesium | 1.19E+00 | | NS | NS | NS | NS | |
| CMW02 | 4/29/2002 | 0.0 | Magnesium | 1.21E+00 | F | NS | NS | NS | NS | |
| CMW02 | 4/29/2002 | 0.0 | Magnesium | 1.21E+00 | | NS | NS | NS | NS | |
| CMW02 | 7/15/2002 | 0.0 | Magnesium | 1.17E+00 | F | NS | NS | NS | NS | |
| CMW02 | 7/15/2002 | 0.0 | Magnesium | 1.17E+00 | | NS | NS | NS | NS | |
| CMW02 | 10/21/2002 | 0.0 | Magnesium | 1.17E+00 | F | NS | NS | NS | NS | |
| CMW02 | 10/21/2002 | 0.0 | Magnesium | 1.14E+00 | | NS | NS | NS | NS | |
| CMW02 | 1/28/2003 | 0.0 | Magnesium | 1.18E+00 | F | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW02 | 1/28/2003 | 0.0 | Magnesium | 1.14E+00 | | NS | NS | NS | NS | |
| CMW02 | 4/9/2003 | 0.0 | Magnesium | 1.26E+00 | F | NS | NS | NS | NS | |
| CMW02 | 4/9/2003 | 0.0 | Magnesium | 1.33E+00 | | NS | NS | NS | NS | |
| CMW02 | 08/30/2005 | 0.0 | Magnesium | 0.879 | F | NS | NS | NS | NS | |
| CMW02 | 08/30/2005 | 0.0 | Magnesium | 0.949 | | NS | NS | NS | NS | |
| CMW02 | 10/22/1996 | 0.0 | Manganese | 3.84E-03 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 10/22/1996 | 0.0 | Manganese | 1.09E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 2/10/1997 | 0.0 | Manganese | 1.41E-03 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 2/10/1997 | 0.0 | Manganese | 1.94E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 10/19/1998 | 0.0 | Manganese | 1.41E-02 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 10/19/1998 | 0.0 | Manganese | 1.78E-01 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Manganese | 5.18E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Manganese | 1.04E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 1/26/2000 | 0.0 | Manganese | 6.33E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 1/26/2000 | 0.0 | Manganese | 1.07E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 4/17/2000 | 0.0 | Manganese | 1.56E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 7/28/2000 | 0.0 | Manganese | 4.79E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Manganese | 3.40E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 1/17/2001 | 0.0 | Manganese | 7.41E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 1/17/2001 | 0.0 | Manganese | 8.02E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 10/9/2001 | 0.0 | Manganese | 2.55E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 2/19/2002 | 0.0 | Manganese | 2.35E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 7/15/2002 | 0.0 | Manganese | 1.55E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 10/21/2002 | 0.0 | Manganese | 5.74E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 10/21/2002 | 0.0 | Manganese | 7.47E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 1/28/2003 | 0.0 | Manganese | 1.45E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 1/28/2003 | 0.0 | Manganese | 3.01E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW02 | 08/30/2005 | 0.0 | Manganese | 0.00303 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| **CMW02** | **10/19/2000** | **0.0** | **Manganese** | **2.37E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| CMW02 | 1/21/1999 | 0.0 | Mercury | 1.33E-04 | FJ | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| CMW02 | 1/21/1999 | 0.0 | Mercury | 8.83E-05 | J | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| CMW02 | 1/21/1999 | 0.0 | Molybdenum | 1.20E-02 | FJ | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW02 | 10/22/1996 | 0.0 | Nickel | 2.41E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW02 | 10/22/1996 | 0.0 | Nickel | 8.26E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW02 | 2/10/1997 | 0.0 | Nickel | 4.19E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Nickel | 6.63E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW02 | 10/19/1998 | 0.0 | Nitrate | 1.55E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 1/21/1999 | 0.0 | Nitrate | 1.46E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 1/26/2000 | 0.0 | Nitrate | 1.19E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 10/19/2000 | 0.0 | Nitrate | 1.76E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 4/24/2001 | 0.0 | Nitrate | 2.80E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 7/24/2001 | 0.0 | Nitrate | 4.67E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 10/9/2001 | 0.0 | Nitrate | 5.46E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 2/19/2002 | 0.0 | Nitrate | 6.42E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 4/29/2002 | 0.0 | Nitrate | 8.18E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 7/15/2002 | 0.0 | Nitrate | 8.63E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 10/21/2002 | 0.0 | Nitrate | 4.89E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW02 | 1/28/2003 | 0.0 | Nitrate | 3.10E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 4/9/2003 | 0.0 | Nitrate | 2.80E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 08/30/2005 | 0.0 | Nitrate as N | 0.6 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 08/30/2005 | 0.0 | Nitrate/Nitrite Nitrogen | 0.31 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW02 | 10/19/1998 | 0.0 | Nitrite | 1.29E-02 | | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW02 | 10/9/2001 | 0.0 | Nitrite | 2.54E-01 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW02 | 2/19/2002 | 0.0 | Nitrite | 2.42E-01 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW02 | 4/29/2002 | 0.0 | Nitrite | 8.60E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW02 | 10/21/2002 | 0.0 | Nitrite | 8.44E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW02 | 4/9/2003 | 0.0 | Perchlorate | 7.43E-04 | J | NS | NS | 2.45E-02 | MSC | |
| CMW02 | 08/30/2005 | 0.0 | Perchlorate | 0.000317 | J | NS | NS | 2.45E-02 | MSC | |
| CMW02 | 10/22/1996 | 0.0 | Potassium | 8.09E-01 | F | NS | NS | NS | NS | |
| CMW02 | 10/22/1996 | 0.0 | Potassium | 3.67E+00 | J | NS | NS | NS | NS | |
| CMW02 | 2/10/1997 | 0.0 | Potassium | 6.42E-01 | F | NS | NS | NS | NS | |
| CMW02 | 2/10/1997 | 0.0 | Potassium | 3.61E+00 | | NS | NS | NS | NS | |
| CMW02 | 10/19/1998 | 0.0 | Potassium | 2.20E+00 | J | NS | NS | NS | NS | |
| CMW02 | 4/17/2000 | 0.0 | Potassium | 6.80E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 4/17/2000 | 0.0 | Potassium | 1.49E+00 | | NS | NS | NS | NS | |
| CMW02 | 7/28/2000 | 0.0 | Potassium | 2.94E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 7/28/2000 | 0.0 | Potassium | 1.13E+00 | | NS | NS | NS | NS | |
| CMW02 | 10/19/2000 | 0.0 | Potassium | 2.42E+00 | FJ | NS | NS | NS | NS | |
| CMW02 | 10/19/2000 | 0.0 | Potassium | 1.99E+01 | | NS | NS | NS | NS | |
| CMW02 | 1/17/2001 | 0.0 | Potassium | 9.87E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 1/17/2001 | 0.0 | Potassium | 8.68E-01 | J | NS | NS | NS | NS | |
| CMW02 | 4/24/2001 | 0.0 | Potassium | 1.06E+00 | FJ | NS | NS | NS | NS | |
| CMW02 | 4/24/2001 | 0.0 | Potassium | 6.80E-01 | J | NS | NS | NS | NS | |
| CMW02 | 7/24/2001 | 0.0 | Potassium | 7.21E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 7/24/2001 | 0.0 | Potassium | 2.83E-01 | J | NS | NS | NS | NS | |
| CMW02 | 10/9/2001 | 0.0 | Potassium | 4.63E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 10/9/2001 | 0.0 | Potassium | 5.33E-01 | J | NS | NS | NS | NS | |
| CMW02 | 2/19/2002 | 0.0 | Potassium | 7.37E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 2/19/2002 | 0.0 | Potassium | 7.57E-01 | J | NS | NS | NS | NS | |
| CMW02 | 4/29/2002 | 0.0 | Potassium | 6.04E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 4/29/2002 | 0.0 | Potassium | 3.91E-01 | J | NS | NS | NS | NS | |
| CMW02 | 7/15/2002 | 0.0 | Potassium | 6.07E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 7/15/2002 | 0.0 | Potassium | 9.07E-01 | J | NS | NS | NS | NS | |
| CMW02 | 10/21/2002 | 0.0 | Potassium | 8.70E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 10/21/2002 | 0.0 | Potassium | 7.24E-01 | J | NS | NS | NS | NS | |
| CMW02 | 1/28/2003 | 0.0 | Potassium | 8.75E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 1/28/2003 | 0.0 | Potassium | 5.87E-01 | J | NS | NS | NS | NS | |
| CMW02 | 4/9/2003 | 0.0 | Potassium | 8.79E-01 | FJ | NS | NS | NS | NS | |
| CMW02 | 4/9/2003 | 0.0 | Potassium | 8.02E-01 | J | NS | NS | NS | NS | |
| CMW02 | 08/30/2005 | 0.0 | Potassium | 0.931 | JF | NS | NS | NS | NS | |
| CMW02 | 10/22/1996 | 0.0 | Selenium | 8.68E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 10/22/1996 | 0.0 | Selenium | 7.60E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 2/10/1997 | 0.0 | Selenium | 9.84E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 2/10/1997 | 0.0 | Selenium | 1.14E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW02 | 10/19/1998 | 0.0 | Selenium | 4.23E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 10/19/1998 | 0.0 | Selenium | 4.56E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 1/26/2000 | 0.0 | Selenium | 2.42E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 1/26/2000 | 0.0 | Selenium | 1.56E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 4/17/2000 | 0.0 | Selenium | 3.50E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 4/17/2000 | 0.0 | Selenium | 2.80E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 7/28/2000 | 0.0 | Selenium | 4.70E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 10/19/2000 | 0.0 | Selenium | 6.38E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 10/19/2000 | 0.0 | Selenium | 4.44E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 1/17/2001 | 0.0 | Selenium | 4.95E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 1/17/2001 | 0.0 | Selenium | 4.36E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 4/24/2001 | 0.0 | Selenium | 4.20E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 4/24/2001 | 0.0 | Selenium | 4.40E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 10/9/2001 | 0.0 | Selenium | 4.28E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 10/9/2001 | 0.0 | Selenium | 3.98E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 2/19/2002 | 0.0 | Selenium | 2.17E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 2/19/2002 | 0.0 | Selenium | 1.92E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 4/29/2002 | 0.0 | Selenium | 2.60E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 4/29/2002 | 0.0 | Selenium | 2.35E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 7/15/2002 | 0.0 | Selenium | 3.50E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 7/15/2002 | 0.0 | Selenium | 3.41E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 10/21/2002 | 0.0 | Selenium | 4.22E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 1/28/2003 | 0.0 | Selenium | 3.53E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 1/28/2003 | 0.0 | Selenium | 3.09E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 4/9/2003 | 0.0 | Selenium | 6.86E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 4/9/2003 | 0.0 | Selenium | 6.30E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 08/30/2005 | 0.0 | Selenium | 0.00744 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 08/30/2005 | 0.0 | Selenium | 0.0083 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW02 | 10/22/1996 | 0.0 | Silver | 1.13E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW02 | 10/19/1998 | 0.0 | Silver | 1.61E-03 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW02 | 1/26/2000 | 0.0 | Silver | 4.43E-04 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW02 | 7/28/2000 | 0.0 | Silver | 6.00E-03 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Silver | 2.51E-02 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW02 | 4/24/2001 | 0.0 | Silver | 9.60E-05 | FJ | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW02 | 4/24/2001 | 0.0 | Silver | 9.50E-05 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW02 | 10/22/1996 | 0.0 | Sodium | 1.83E+02 | F | NS | NS | NS | NS | |
| CMW02 | 10/22/1996 | 0.0 | Sodium | 1.74E+02 | | NS | NS | NS | NS | |
| CMW02 | 2/10/1997 | 0.0 | Sodium | 1.66E+02 | F | NS | NS | NS | NS | |
| CMW02 | 2/10/1997 | 0.0 | Sodium | 1.67E+02 | | NS | NS | NS | NS | |
| CMW02 | 10/19/1998 | 0.0 | Sodium | 1.86E+02 | F | NS | NS | NS | NS | |
| CMW02 | 10/19/1998 | 0.0 | Sodium | 1.80E+02 | | NS | NS | NS | NS | |
| CMW02 | 1/21/1999 | 0.0 | Sodium | 1.89E+02 | F | NS | NS | NS | NS | |
| CMW02 | 1/21/1999 | 0.0 | Sodium | 1.90E+02 | | NS | NS | NS | NS | |
| CMW02 | 1/26/2000 | 0.0 | Sodium | 1.78E+02 | F | NS | NS | NS | NS | |
| CMW02 | 1/26/2000 | 0.0 | Sodium | 1.93E+02 | | NS | NS | NS | NS | |
| CMW02 | 4/17/2000 | 0.0 | Sodium | 1.81E+02 | F | NS | NS | NS | NS | |
| CMW02 | 4/17/2000 | 0.0 | Sodium | 1.87E+02 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW02 | 7/28/2000 | 0.0 | Sodium | 4.86E+01 | F | NS | NS | NS | NS | |
| CMW02 | 7/28/2000 | 0.0 | Sodium | 1.83E+02 | | NS | NS | NS | NS | |
| CMW02 | 10/19/2000 | 0.0 | Sodium | 1.92E+02 | F | NS | NS | NS | NS | |
| CMW02 | 10/19/2000 | 0.0 | Sodium | 1.98E+02 | | NS | NS | NS | NS | |
| CMW02 | 1/17/2001 | 0.0 | Sodium | 1.67E+02 | F | NS | NS | NS | NS | |
| CMW02 | 1/17/2001 | 0.0 | Sodium | 1.69E+02 | | NS | NS | NS | NS | |
| CMW02 | 4/24/2001 | 0.0 | Sodium | 1.91E+02 | F | NS | NS | NS | NS | |
| CMW02 | 4/24/2001 | 0.0 | Sodium | 1.92E+02 | | NS | NS | NS | NS | |
| CMW02 | 7/24/2001 | 0.0 | Sodium | 1.82E+02 | F | NS | NS | NS | NS | |
| CMW02 | 7/24/2001 | 0.0 | Sodium | 1.83E+02 | | NS | NS | NS | NS | |
| CMW02 | 10/9/2001 | 0.0 | Sodium | 1.86E+02 | F | NS | NS | NS | NS | |
| CMW02 | 10/9/2001 | 0.0 | Sodium | 1.86E+02 | | NS | NS | NS | NS | |
| CMW02 | 2/19/2002 | 0.0 | Sodium | 1.85E+02 | F | NS | NS | NS | NS | |
| CMW02 | 2/19/2002 | 0.0 | Sodium | 1.81E+02 | | NS | NS | NS | NS | |
| CMW02 | 4/29/2002 | 0.0 | Sodium | 1.75E+02 | F | NS | NS | NS | NS | |
| CMW02 | 4/29/2002 | 0.0 | Sodium | 1.75E+02 | | NS | NS | NS | NS | |
| CMW02 | 7/15/2002 | 0.0 | Sodium | 1.73E+02 | F | NS | NS | NS | NS | |
| CMW02 | 7/15/2002 | 0.0 | Sodium | 1.77E+02 | | NS | NS | NS | NS | |
| CMW02 | 10/21/2002 | 0.0 | Sodium | 1.85E+02 | F | NS | NS | NS | NS | |
| CMW02 | 10/21/2002 | 0.0 | Sodium | 1.84E+02 | | NS | NS | NS | NS | |
| CMW02 | 1/28/2003 | 0.0 | Sodium | 1.63E+02 | F | NS | NS | NS | NS | |
| CMW02 | 1/28/2003 | 0.0 | Sodium | 1.71E+02 | | NS | NS | NS | NS | |
| CMW02 | 4/9/2003 | 0.0 | Sodium | 1.61E+02 | F | NS | NS | NS | NS | |
| CMW02 | 4/9/2003 | 0.0 | Sodium | 1.58E+02 | | NS | NS | NS | NS | |
| CMW02 | 08/30/2005 | 0.0 | Sodium | 192 | F | NS | NS | NS | NS | |
| CMW02 | 08/30/2005 | 0.0 | Sodium | 174 | | NS | NS | NS | NS | |
| CMW02 | 10/19/1998 | 0.0 | Sulfate | 5.01E+01 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Sulfate | 4.74E+01 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW02 | 1/28/2003 | 0.0 | Thallium | 6.25E-05 | FJ | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW02 | 1/28/2003 | 0.0 | Thallium | 3.92E-05 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW02 | 10/22/1996 | 0.0 | Vanadium | 5.81E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 10/22/1996 | 0.0 | Vanadium | 5.84E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 2/10/1997 | 0.0 | Vanadium | 5.68E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 2/10/1997 | 0.0 | Vanadium | 6.50E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 10/19/1998 | 0.0 | Vanadium | 4.34E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 10/19/1998 | 0.0 | Vanadium | 4.90E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 1/21/1999 | 0.0 | Vanadium | 4.15E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 1/21/1999 | 0.0 | Vanadium | 3.09E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 1/26/2000 | 0.0 | Vanadium | 2.96E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 1/26/2000 | 0.0 | Vanadium | 4.29E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 4/17/2000 | 0.0 | Vanadium | 2.93E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 4/17/2000 | 0.0 | Vanadium | 3.41E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 7/28/2000 | 0.0 | Vanadium | 3.03E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 10/19/2000 | 0.0 | Vanadium | 4.29E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 10/19/2000 | 0.0 | Vanadium | 8.15E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 1/17/2001 | 0.0 | Vanadium | 2.52E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 1/17/2001 | 0.0 | Vanadium | 2.71E-02 | | NS | NS | 1.83E-01 | MSC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW02 | 4/24/2001 | 0.0 | Vanadium | 4.99E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 4/24/2001 | 0.0 | Vanadium | 5.39E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 7/24/2001 | 0.0 | Vanadium | 5.77E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 7/24/2001 | 0.0 | Vanadium | 5.80E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 10/9/2001 | 0.0 | Vanadium | 7.03E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 10/9/2001 | 0.0 | Vanadium | 6.84E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 2/19/2002 | 0.0 | Vanadium | 8.16E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 2/19/2002 | 0.0 | Vanadium | 7.49E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 4/29/2002 | 0.0 | Vanadium | 7.37E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 4/29/2002 | 0.0 | Vanadium | 7.50E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 7/15/2002 | 0.0 | Vanadium | 7.34E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 7/15/2002 | 0.0 | Vanadium | 7.29E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 10/21/2002 | 0.0 | Vanadium | 8.19E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 10/21/2002 | 0.0 | Vanadium | 7.41E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 1/28/2003 | 0.0 | Vanadium | 7.35E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 1/28/2003 | 0.0 | Vanadium | 7.08E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 08/30/2005 | 0.0 | Vanadium | 0.0583 | F | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 08/30/2005 | 0.0 | Vanadium | 0.0427 | J | NS | NS | 1.83E-01 | MSC | |
| CMW02 | 10/22/1996 | 0.0 | Zinc | 3.18E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 10/22/1996 | 0.0 | Zinc | 7.33E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 2/10/1997 | 0.0 | Zinc | 6.27E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Zinc | 8.75E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 1/21/1999 | 0.0 | Zinc | 1.64E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 1/26/2000 | 0.0 | Zinc | 1.25E-01 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 4/17/2000 | 0.0 | Zinc | 6.84E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 7/28/2000 | 0.0 | Zinc | 2.73E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 10/19/2000 | 0.0 | Zinc | 4.03E-01 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 1/17/2001 | 0.0 | Zinc | 3.90E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 2/19/2002 | 0.0 | Zinc | 2.29E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 2/19/2002 | 0.0 | Zinc | 1.57E-03 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 4/29/2002 | 0.0 | Zinc | 5.79E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 4/29/2002 | 0.0 | Zinc | 5.41E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 10/21/2002 | 0.0 | Zinc | 4.82E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 10/21/2002 | 0.0 | Zinc | 3.99E-03 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 1/28/2003 | 0.0 | Zinc | 4.41E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 08/30/2005 | 0.0 | Zinc | 0.00668 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW02 | 08/30/2005 | 0.0 | Zinc | 0.0106 | JF | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW04 | 2/10/1997 | 0.0 | Aluminum | 5.27E-02 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW04 | 2/10/1997 | 0.0 | Aluminum | 1.27E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW04 | 10/21/1998 | 0.0 | Aluminum | 5.95E-02 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW04 | 10/21/1998 | 0.0 | Aluminum | 3.46E-01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Aluminum | 4.19E-01 | D | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Aluminum | 3.84E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **CMW04** | **10/22/1996** | **0.0** | **Aluminum** | **5.33E+00** | **DJ** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW04** | **10/22/1996** | **0.0** | **Aluminum** | **3.01E+01** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| CMW04 | 1/21/1999 | 0.0 | Ammonia nitrogen | 3.92E-02 | J | NS | NS | 2.09E-01 | MSC | |
| CMW04 | 10/21/1998 | 0.0 | Antimony | 8.05E-04 | | NS | 6.00E-03 | 1.46E-02 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW04 | 1/21/1999 | 0.0 | Antimony | 2.12E-03 | DFJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW04 | 1/21/1999 | 0.0 | Antimony | 4.23E-03 | DJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW04 | 1/21/1999 | 0.0 | Antimony | 2.28E-03 | FJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW04 | 1/21/1999 | 0.0 | Antimony | 3.30E-03 | J | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW04 | 10/22/1996 | 0.0 | Barium | 4.94E-02 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Barium | 1.15E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Barium | 1.42E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Barium | 1.61E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW04 | 2/10/1997 | 0.0 | Barium | 9.42E-03 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW04 | 2/10/1997 | 0.0 | Barium | 1.59E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Barium | 6.14E-03 | DFJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Barium | 1.13E-02 | DJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Barium | 6.83E-03 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Barium | 1.02E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Beryllium | 2.18E-04 | D | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW04 | 10/22/1996 | 0.0 | Beryllium | 3.81E-04 | | NS | 4.00E-03 | 7.30E-02 | MCL | |
| **CMW04** | **1/21/1999** | **0.0** | **Boron** | **2.03E+00** | **D** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW04** | **1/21/1999** | **0.0** | **Boron** | **1.94E+00** | **DF** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW04** | **1/21/1999** | **0.0** | **Boron** | **2.00E+00** | **F** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW04** | **1/21/1999** | **0.0** | **Boron** | **2.02E+00** | | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| CMW04 | 10/22/1996 | 0.0 | Cadmium | 1.01E-04 | D | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW04 | 10/22/1996 | 0.0 | Cadmium | 2.48E-04 | DF | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW04 | 10/22/1996 | 0.0 | Cadmium | 1.18E-04 | | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW04 | 10/21/1998 | 0.0 | Cadmium | 6.44E-04 | F | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW04 | 10/21/1998 | 0.0 | Cadmium | 6.57E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW04 | 1/21/1999 | 0.0 | Cadmium | 1.71E-04 | DFJ | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW04 | 1/21/1999 | 0.0 | Cadmium | 1.74E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW04 | 10/22/1996 | 0.0 | Calcium | 1.94E+01 | DF | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Calcium | 2.46E+01 | DJ | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Calcium | 2.18E+01 | F | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Calcium | 3.28E+01 | J | NS | NS | NS | NS | |
| CMW04 | 2/10/1997 | 0.0 | Calcium | 1.98E+01 | F | NS | NS | NS | NS | |
| CMW04 | 2/10/1997 | 0.0 | Calcium | 1.99E+01 | | NS | NS | NS | NS | |
| CMW04 | 10/21/1998 | 0.0 | Calcium | 2.44E+01 | FJ | NS | NS | NS | NS | |
| CMW04 | 10/21/1998 | 0.0 | Calcium | 2.47E+01 | J | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Calcium | 2.16E+01 | D | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Calcium | 2.04E+01 | DF | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Calcium | 2.08E+01 | F | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Calcium | 2.10E+01 | | NS | NS | NS | NS | |
| CMW04 | 10/21/1998 | 0.0 | Chloride | 5.30E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Chloride | 4.72E+01 | D | 2.50E+02 | NS | NS | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Chloride | 4.41E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Chromium | 1.52E-03 | D | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Chromium | 2.83E-03 | DF | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Chromium | 2.57E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Chromium | 5.30E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW04 | 2/10/1997 | 0.0 | Chromium | 1.52E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW04 | 2/10/1997 | 0.0 | Chromium | 2.21E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Cobalt | 1.31E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Copper | 1.78E-03 | D | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Copper | 1.64E-03 | DF | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Copper | 1.91E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Copper | 4.56E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW04 | 2/10/1997 | 0.0 | Copper | 1.25E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW04 | 2/10/1997 | 0.0 | Copper | 1.27E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Copper | 3.51E-03 | DFJ | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Copper | 3.46E-03 | DJ | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| **CMW04** | **1/21/1999** | **0.0** | **Fluoride** | **3.86E+00** | **D** | **1.60E+00** | **4.00E+00** | **2.19E+00** | **NMWQCC** | **YES** |
| **CMW04** | **1/21/1999** | **0.0** | **Fluoride** | **3.89E+00** | | **1.60E+00** | **4.00E+00** | **2.19E+00** | **NMWQCC** | **YES** |
| CMW04 | 2/10/1997 | 0.0 | Iron | 5.98E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW04 | 10/21/1998 | 0.0 | Iron | 1.44E-01 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Iron | 1.97E-01 | D | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Iron | 1.88E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **CMW04** | **10/22/1996** | **0.0** | **Iron** | **2.72E+00** | **DJ** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW04** | **10/22/1996** | **0.0** | **Iron** | **1.52E+01** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| CMW04 | 10/22/1996 | 0.0 | Lead | 2.23E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW04 | 10/21/1998 | 0.0 | Lead | 9.06E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW04 | 1/21/1999 | 0.0 | Lead | 1.48E-03 | DJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW04 | 1/21/1999 | 0.0 | Lead | 5.72E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW04 | 1/21/1999 | 0.0 | Lead | 1.36E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW04 | 10/22/1996 | 0.0 | Magnesium | 2.37E+00 | DF | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Magnesium | 4.23E+00 | DJ | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Magnesium | 2.75E+00 | F | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Magnesium | 9.56E+00 | J | NS | NS | NS | NS | |
| CMW04 | 2/10/1997 | 0.0 | Magnesium | 2.53E+00 | F | NS | NS | NS | NS | |
| CMW04 | 2/10/1997 | 0.0 | Magnesium | 2.76E+00 | | NS | NS | NS | NS | |
| CMW04 | 10/21/1998 | 0.0 | Magnesium | 3.08E+00 | FJ | NS | NS | NS | NS | |
| CMW04 | 10/21/1998 | 0.0 | Magnesium | 3.11E+00 | J | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Magnesium | 2.61E+00 | D | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Magnesium | 2.45E+00 | DF | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Magnesium | 2.49E+00 | F | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Magnesium | 2.54E+00 | | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Manganese | 1.19E-01 | D | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Manganese | 4.79E-02 | DF | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Manganese | 5.84E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Manganese | 1.44E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW04 | 2/10/1997 | 0.0 | Manganese | 3.32E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW04 | 2/10/1997 | 0.0 | Manganese | 3.64E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW04 | 10/21/1998 | 0.0 | Manganese | 6.27E-02 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW04 | 10/21/1998 | 0.0 | Manganese | 7.16E-02 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Manganese | 5.30E-02 | D | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Manganese | 4.50E-02 | DF | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Manganese | 4.58E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Manganese | 5.10E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW04 | 1/21/1999 | 0.0 | Mercury | 6.49E-05 | DFJ | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| CMW04 | 1/21/1999 | 0.0 | Mercury | 6.35E-05 | FJ | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| CMW04 | 1/21/1999 | 0.0 | Molybdenum | 2.03E-01 | D | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Molybdenum | 1.68E-01 | DF | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Molybdenum | 1.55E-01 | F | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Molybdenum | 1.55E-01 | | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Nickel | 1.92E-03 | D | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Nickel | 1.43E-03 | DF | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Nickel | 1.20E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Nickel | 5.02E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW04 | 2/10/1997 | 0.0 | Nickel | 1.12E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Nitrate | 2.65E-02 | D | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW04 | 1/21/1999 | 0.0 | Nitrate | 1.80E-02 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW04 | 10/22/1996 | 0.0 | Potassium | 1.05E+00 | DF | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Potassium | 2.17E+00 | DJ | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Potassium | 1.30E+00 | F | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Potassium | 5.32E+00 | J | NS | NS | NS | NS | |
| CMW04 | 2/10/1997 | 0.0 | Potassium | 1.17E+00 | F | NS | NS | NS | NS | |
| CMW04 | 2/10/1997 | 0.0 | Potassium | 8.72E-01 | | NS | NS | NS | NS | |
| CMW04 | 10/21/1998 | 0.0 | Potassium | 2.06E+00 | FJ | NS | NS | NS | NS | |
| CMW04 | 10/21/1998 | 0.0 | Potassium | 1.93E+00 | J | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Selenium | 2.34E-03 | D | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW04 | 10/22/1996 | 0.0 | Selenium | 2.29E-03 | DF | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW04 | 10/22/1996 | 0.0 | Selenium | 2.84E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW04 | 10/21/1998 | 0.0 | Selenium | 2.58E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW04 | 10/22/1996 | 0.0 | Sodium | 8.70E+02 | D | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Sodium | 8.20E+02 | DF | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Sodium | 8.20E+02 | F | NS | NS | NS | NS | |
| CMW04 | 10/22/1996 | 0.0 | Sodium | 8.20E+02 | | NS | NS | NS | NS | |
| CMW04 | 2/10/1997 | 0.0 | Sodium | 8.20E+02 | F | NS | NS | NS | NS | |
| CMW04 | 2/10/1997 | 0.0 | Sodium | 8.30E+02 | | NS | NS | NS | NS | |
| CMW04 | 10/21/1998 | 0.0 | Sodium | 8.90E+02 | F | NS | NS | NS | NS | |
| CMW04 | 10/21/1998 | 0.0 | Sodium | 8.76E+02 | | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Sodium | 8.80E+02 | D | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Sodium | 8.40E+02 | DF | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Sodium | 8.55E+02 | F | NS | NS | NS | NS | |
| CMW04 | 1/21/1999 | 0.0 | Sodium | 8.20E+02 | | NS | NS | NS | NS | |
| **CMW04** | **10/21/1998** | **0.0** | **Sulfate** | **2.10E+03** | | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| **CMW04** | **1/21/1999** | **0.0** | **Sulfate** | **1.17E+03** | **D** | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| **CMW04** | **1/21/1999** | **0.0** | **Sulfate** | **1.45E+03** | | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| CMW04 | 10/22/1996 | 0.0 | Vanadium | 3.47E-02 | D | NS | NS | 1.83E-01 | MSC | |
| CMW04 | 10/22/1996 | 0.0 | Vanadium | 1.86E-02 | DF | NS | NS | 1.83E-01 | MSC | |
| CMW04 | 10/22/1996 | 0.0 | Vanadium | 2.40E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW04 | 10/22/1996 | 0.0 | Vanadium | 2.88E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW04 | 2/10/1997 | 0.0 | Vanadium | 2.62E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW04 | 2/10/1997 | 0.0 | Vanadium | 2.73E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW04 | 10/22/1996 | 0.0 | Zinc | 2.84E-03 | D | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW04 | 10/22/1996 | 0.0 | Zinc | 4.13E-03 | DF | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Zinc | 3.10E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW04 | 10/22/1996 | 0.0 | Zinc | 7.49E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Zinc | 7.64E-03 | DFJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Zinc | 7.60E-03 | DJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Zinc | 9.88E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW04 | 1/21/1999 | 0.0 | Zinc | 1.75E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW06 | 1/29/1999 | 0.0 | Aluminum | 3.72E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW06 | 2/1/1999 | 0.0 | Aluminum | 4.26E-02 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **CMW06** | **10/29/1996** | **0.0** | **Aluminum** | **6.70E+00** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW06** | **2/11/1997** | **0.0** | **Aluminum** | **1.27E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| CMW06 | 10/29/1996 | 0.0 | Arsenic | 2.34E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW06 | 10/29/1996 | 0.0 | Arsenic | 3.07E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW06 | 2/1/1999 | 0.0 | Arsenic | 2.05E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW06 | 10/29/1996 | 0.0 | Barium | 9.00E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW06 | 2/11/1997 | 0.0 | Barium | 8.80E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW06 | 1/29/1999 | 0.0 | Barium | 2.37E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW06 | 2/1/1999 | 0.0 | Barium | 2.76E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| **CMW06** | **10/29/1996** | **0.0** | **Barium** | **1.10E+00** | | **1.00E+00** | **2.00E+00** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW06** | **2/11/1997** | **0.0** | **Barium** | **1.30E+00** | | **1.00E+00** | **2.00E+00** | **7.30E+00** | **NMWQCC** | **YES** |
| CMW06 | 10/29/1996 | 0.0 | Beryllium | 2.64E-04 | | NS | 4.00E-03 | 7.30E-02 | MCL | |
| **CMW06** | **1/29/1999** | **0.0** | **Boron** | **2.07E+00** | | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW06** | **2/1/1999** | **0.0** | **Boron** | **2.21E+00** | **F** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| CMW06 | 10/29/1996 | 0.0 | Cadmium | 5.95E-04 | | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW06 | 2/11/1997 | 0.0 | Cadmium | 8.44E-04 | | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW06 | 10/29/1996 | 0.0 | Calcium | 1.11E+02 | F | NS | NS | NS | NS | |
| CMW06 | 10/29/1996 | 0.0 | Calcium | 1.29E+02 | | NS | NS | NS | NS | |
| CMW06 | 2/11/1997 | 0.0 | Calcium | 1.35E+02 | F | NS | NS | NS | NS | |
| CMW06 | 2/11/1997 | 0.0 | Calcium | 1.39E+02 | | NS | NS | NS | NS | |
| CMW06 | 1/29/1999 | 0.0 | Calcium | 6.22E+01 | | NS | NS | NS | NS | |
| CMW06 | 2/1/1999 | 0.0 | Calcium | 6.62E+01 | F | NS | NS | NS | NS | |
| CMW06 | 10/29/1996 | 0.0 | Chromium | 1.57E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW06 | 10/29/1996 | 0.0 | Chromium | 2.87E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW06 | 2/11/1997 | 0.0 | Chromium | 1.46E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW06 | 2/11/1997 | 0.0 | Chromium | 1.06E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW06 | 10/29/1996 | 0.0 | Cobalt | 4.47E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW06 | 10/29/1996 | 0.0 | Cobalt | 5.12E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW06 | 2/11/1997 | 0.0 | Cobalt | 3.10E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW06 | 2/11/1997 | 0.0 | Cobalt | 5.51E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW06 | 10/29/1996 | 0.0 | Copper | 6.42E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW06 | 2/11/1997 | 0.0 | Copper | 8.41E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW06 | 10/29/1996 | 0.0 | Iron | 5.27E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW06 | 2/11/1997 | 0.0 | Iron | 9.79E-02 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW06 | 2/1/1999 | 0.0 | Iron | 1.79E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **CMW06** | **10/29/1996** | **0.0** | **Iron** | **6.60E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW06** | **2/11/1997** | **0.0** | **Iron** | **9.56E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW06** | **1/29/1999** | **0.0** | **Iron** | **2.88E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW06 | 10/29/1996 | 0.0 | Lead | 3.04E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW06 | 2/11/1997 | 0.0 | Lead | 5.97E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW06 | 1/29/1999 | 0.0 | Lead | 1.44E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW06 | 10/29/1996 | 0.0 | Magnesium | 2.22E+01 | F | NS | NS | NS | NS | |
| CMW06 | 10/29/1996 | 0.0 | Magnesium | 2.61E+01 | J | NS | NS | NS | NS | |
| CMW06 | 2/11/1997 | 0.0 | Magnesium | 2.72E+01 | F | NS | NS | NS | NS | |
| CMW06 | 2/11/1997 | 0.0 | Magnesium | 2.95E+01 | | NS | NS | NS | NS | |
| CMW06 | 1/29/1999 | 0.0 | Magnesium | 1.11E+01 | | NS | NS | NS | NS | |
| CMW06 | 2/1/1999 | 0.0 | Magnesium | 1.14E+01 | F | NS | NS | NS | NS | |
| **CMW06** | **10/29/1996** | **0.0** | **Manganese** | **9.50E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW06** | **10/29/1996** | **0.0** | **Manganese** | **1.90E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW06** | **2/11/1997** | **0.0** | **Manganese** | **2.00E+00** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW06** | **2/11/1997** | **0.0** | **Manganese** | **2.30E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW06** | **1/29/1999** | **0.0** | **Manganese** | **7.42E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW06** | **2/1/1999** | **0.0** | **Manganese** | **7.87E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| CMW06 | 1/29/1999 | 0.0 | Molybdenum | 1.56E-02 | J | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW06 | 10/29/1996 | 0.0 | Nickel | 5.57E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW06 | 10/29/1996 | 0.0 | Nickel | 7.64E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW06 | 2/11/1997 | 0.0 | Nickel | 6.27E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW06 | 2/11/1997 | 0.0 | Nickel | 1.22E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW06 | 2/1/1999 | 0.0 | Nickel | 3.35E-02 | FJ | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW06 | 10/29/1996 | 0.0 | Potassium | 4.66E+00 | F | NS | NS | NS | NS | |
| CMW06 | 10/29/1996 | 0.0 | Potassium | 6.12E+00 | | NS | NS | NS | NS | |
| CMW06 | 2/11/1997 | 0.0 | Potassium | 4.81E+00 | F | NS | NS | NS | NS | |
| CMW06 | 2/11/1997 | 0.0 | Potassium | 6.77E+00 | | NS | NS | NS | NS | |
| CMW06 | 1/29/1999 | 0.0 | Potassium | 3.45E+00 | | NS | NS | NS | NS | |
| CMW06 | 10/29/1996 | 0.0 | RDX | 1.37E-04 | J | NS | NS | 6.11E-04 | MSC | |
| CMW06 | 10/29/1996 | 0.0 | Sodium | 3.55E+02 | F | NS | NS | NS | NS | |
| CMW06 | 10/29/1996 | 0.0 | Sodium | 3.55E+02 | | NS | NS | NS | NS | |
| CMW06 | 2/11/1997 | 0.0 | Sodium | 3.70E+02 | F | NS | NS | NS | NS | |
| CMW06 | 2/11/1997 | 0.0 | Sodium | 3.05E+02 | | NS | NS | NS | NS | |
| CMW06 | 1/29/1999 | 0.0 | Sodium | 5.80E+02 | | NS | NS | NS | NS | |
| CMW06 | 2/1/1999 | 0.0 | Sodium | 6.05E+02 | F | NS | NS | NS | NS | |
| CMW06 | 10/29/1996 | 0.0 | Vanadium | 2.02E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW06 | 10/29/1996 | 0.0 | Vanadium | 7.95E-03 | | NS | NS | 1.83E-01 | MSC | |
| CMW06 | 2/11/1997 | 0.0 | Vanadium | 1.41E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW06 | 2/11/1997 | 0.0 | Vanadium | 1.82E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW06 | 1/29/1999 | 0.0 | Vanadium | 7.76E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW06 | 10/29/1996 | 0.0 | Zinc | 1.18E-02 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW06 | 10/29/1996 | 0.0 | Zinc | 1.60E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW06 | 2/11/1997 | 0.0 | Zinc | 2.66E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW06 | 1/29/1999 | 0.0 | Zinc | 5.11E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW06 | 2/1/1999 | 0.0 | Zinc | 7.00E-02 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW07 | 10/20/1998 | 0.0 | Aluminum | 7.65E-02 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **CMW07** | **10/19/1996** | **0.0** | **Aluminum** | **8.09E+00** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW07** | **2/10/1997** | **0.0** | **Aluminum** | **5.23E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW07** | **10/20/1998** | **0.0** | **Aluminum** | **1.51E+01** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| **CMW07** | **1/21/1999** | **0.0** | **Aluminum** | **1.50E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| CMW07 | 10/20/1998 | 0.0 | Ammonia nitrogen | 6.87E-02 | | NS | NS | 2.09E-01 | MSC | |
| CMW07 | 1/21/1999 | 0.0 | Antimony | 8.50E-04 | J | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW07 | 10/19/1996 | 0.0 | Arsenic | 1.31E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW07 | 2/10/1997 | 0.0 | Arsenic | 1.89E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW07 | 10/20/1998 | 0.0 | Arsenic | 1.20E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW07 | 10/20/1998 | 0.0 | Arsenic | 2.15E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW07 | 10/19/1996 | 0.0 | Barium | 8.41E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW07 | 2/10/1997 | 0.0 | Barium | 1.97E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW07 | 2/10/1997 | 0.0 | Barium | 4.30E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW07 | 10/20/1998 | 0.0 | Barium | 2.59E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW07 | 10/20/1998 | 0.0 | Barium | 1.57E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW07 | 1/21/1999 | 0.0 | Barium | 2.40E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW07 | 1/21/1999 | 0.0 | Barium | 4.19E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW07 | 10/20/1998 | 0.0 | Beryllium | 3.42E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW07 | 1/21/1999 | 0.0 | Beryllium | 8.92E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| **CMW07** | **1/21/1999** | **0.0** | **Boron** | **1.01E+00** | **F** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW07** | **1/21/1999** | **0.0** | **Boron** | **1.04E+00** | | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW07** | **1/21/1999** | **0.0** | **Cadmium** | **6.81E-03** | **F** | **1.00E-02** | **5.00E-03** | **1.83E-02** | **MCL** | **YES** |
| CMW07 | 10/19/1996 | 0.0 | Calcium | 1.96E+01 | | NS | NS | NS | NS | |
| CMW07 | 2/10/1997 | 0.0 | Calcium | 1.74E+01 | F | NS | NS | NS | NS | |
| CMW07 | 2/10/1997 | 0.0 | Calcium | 3.00E+01 | | NS | NS | NS | NS | |
| CMW07 | 10/20/1998 | 0.0 | Calcium | 1.45E+01 | FJ | NS | NS | NS | NS | |
| CMW07 | 10/20/1998 | 0.0 | Calcium | 2.34E+01 | J | NS | NS | NS | NS | |
| CMW07 | 1/21/1999 | 0.0 | Calcium | 1.51E+01 | F | NS | NS | NS | NS | |
| CMW07 | 1/21/1999 | 0.0 | Calcium | 3.50E+01 | | NS | NS | NS | NS | |
| CMW07 | 10/20/1998 | 0.0 | Chloride | 5.55E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW07 | 1/21/1999 | 0.0 | Chloride | 5.66E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW07 | 10/19/1996 | 0.0 | Chromium | 3.24E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW07 | 2/10/1997 | 0.0 | Chromium | 1.81E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW07 | 2/10/1997 | 0.0 | Chromium | 7.21E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW07 | 10/20/1998 | 0.0 | Chromium | 1.04E-02 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW07 | 10/19/1996 | 0.0 | Cobalt | 1.69E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW07 | 2/10/1997 | 0.0 | Cobalt | 2.59E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW07 | 10/19/1996 | 0.0 | Copper | 1.34E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW07 | 2/10/1997 | 0.0 | Copper | 2.12E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW07 | 2/10/1997 | 0.0 | Copper | 8.35E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW07 | 10/20/1998 | 0.0 | Copper | 6.76E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW07 | 1/21/1999 | 0.0 | Copper | 9.90E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| **CMW07** | **1/21/1999** | **0.0** | **Fluoride** | **2.19E+00** | | **1.60E+00** | **4.00E+00** | **2.19E+00** | **NMWQCC** | **YES** |
| **CMW07** | **10/19/1996** | **0.0** | **Iron** | **4.34E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW07** | **2/10/1997** | **0.0** | **Iron** | **2.78E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW07** | **10/20/1998** | **0.0** | **Iron** | **7.23E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW07** | **1/21/1999** | **0.0** | **Iron** | **4.58E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| CMW07 | 10/19/1996 | 0.0 | Lead | 1.20E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW07 | 2/10/1997 | 0.0 | Lead | 6.18E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW07 | 10/20/1998 | 0.0 | Lead | 3.26E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW07 | 1/21/1999 | 0.0 | Lead | 7.77E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW07 | 10/19/1996 | 0.0 | Magnesium | 5.77E+00 | | NS | NS | NS | NS | |
| CMW07 | 2/10/1997 | 0.0 | Magnesium | 3.33E+00 | F | NS | NS | NS | NS | |
| CMW07 | 2/10/1997 | 0.0 | Magnesium | 1.88E+01 | | NS | NS | NS | NS | |
| CMW07 | 10/20/1998 | 0.0 | Magnesium | 2.86E+00 | FJ | NS | NS | NS | NS | |
| CMW07 | 10/20/1998 | 0.0 | Magnesium | 7.34E+00 | J | NS | NS | NS | NS | |
| CMW07 | 1/21/1999 | 0.0 | Magnesium | 2.75E+00 | F | NS | NS | NS | NS | |
| CMW07 | 1/21/1999 | 0.0 | Magnesium | 8.97E+00 | | NS | NS | NS | NS | |
| CMW07 | 10/19/1996 | 0.0 | Manganese | 5.99E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW07 | 2/10/1997 | 0.0 | Manganese | 2.59E-03 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW07 | 10/20/1998 | 0.0 | Manganese | 8.31E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW07 | 1/21/1999 | 0.0 | Manganese | 1.55E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| **CMW07** | **2/10/1997** | **0.0** | **Manganese** | **4.80E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW07** | **10/20/1998** | **0.0** | **Manganese** | **2.45E-01** | **J** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW07** | **1/21/1999** | **0.0** | **Manganese** | **3.56E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| CMW07 | 1/21/1999 | 0.0 | Mercury | 1.75E-04 | FJ | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| CMW07 | 1/21/1999 | 0.0 | Molybdenum | 2.40E-02 | FJ | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW07 | 10/19/1996 | 0.0 | Nickel | 4.95E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW07 | 2/10/1997 | 0.0 | Nickel | 1.01E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW07 | 2/10/1997 | 0.0 | Nickel | 5.60E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW07 | 1/21/1999 | 0.0 | Nitrate | 9.09E-02 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW07 | 10/20/1998 | 0.0 | Nitrite | 1.39E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW07 | 10/19/1996 | 0.0 | Potassium | 2.69E+00 | | NS | NS | NS | NS | |
| CMW07 | 2/10/1997 | 0.0 | Potassium | 1.60E+00 | F | NS | NS | NS | NS | |
| CMW07 | 2/10/1997 | 0.0 | Potassium | 9.05E+00 | | NS | NS | NS | NS | |
| CMW07 | 10/20/1998 | 0.0 | Potassium | 1.66E+00 | FJ | NS | NS | NS | NS | |
| CMW07 | 10/20/1998 | 0.0 | Potassium | 4.13E+00 | J | NS | NS | NS | NS | |
| CMW07 | 10/19/1996 | 0.0 | Selenium | 8.97E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW07 | 10/20/1998 | 0.0 | Selenium | 5.05E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW07 | 10/20/1998 | 0.0 | Selenium | 5.14E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW07 | 1/21/1999 | 0.0 | Selenium | 1.38E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW07 | 2/10/1997 | 0.0 | Silver | 2.44E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW07 | 1/21/1999 | 0.0 | Silver | 1.05E-03 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW07 | 10/19/1996 | 0.0 | Sodium | 4.22E+02 | | NS | NS | NS | NS | |
| CMW07 | 2/10/1997 | 0.0 | Sodium | 4.02E+02 | F | NS | NS | NS | NS | |
| CMW07 | 2/10/1997 | 0.0 | Sodium | 4.03E+02 | | NS | NS | NS | NS | |
| CMW07 | 10/20/1998 | 0.0 | Sodium | 3.88E+02 | F | NS | NS | NS | NS | |
| CMW07 | 10/20/1998 | 0.0 | Sodium | 3.78E+02 | | NS | NS | NS | NS | |
| CMW07 | 1/21/1999 | 0.0 | Sodium | 3.75E+02 | F | NS | NS | NS | NS | |
| CMW07 | 1/21/1999 | 0.0 | Sodium | 4.06E+02 | | NS | NS | NS | NS | |
| CMW07 | 10/20/1998 | 0.0 | Sulfate | 2.19E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW07 | 1/21/1999 | 0.0 | Sulfate | 1.68E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW07 | 10/19/1996 | 0.0 | Vanadium | 4.53E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW07 | 2/10/1997 | 0.0 | Vanadium | 4.75E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW07 | 2/10/1997 | 0.0 | Vanadium | 7.93E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW07 | 10/20/1998 | 0.0 | Vanadium | 3.87E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW07 | 10/20/1998 | 0.0 | Vanadium | 6.42E-02 | J | NS | NS | 1.83E-01 | MSC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW07 | 1/21/1999 | 0.0 | Vanadium | 3.78E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW07 | 1/21/1999 | 0.0 | Vanadium | 6.90E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW07 | 10/19/1996 | 0.0 | Zinc | 6.80E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW07 | 2/10/1997 | 0.0 | Zinc | 1.05E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW07 | 1/21/1999 | 0.0 | Zinc | 2.45E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW10 | 2/11/1997 | 0.0 | Aluminum | 4.76E-02 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW10 | 2/11/1997 | 0.0 | Aluminum | 2.85E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW10 | 10/20/1998 | 0.0 | Aluminum | 1.77E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW10 | 10/26/1998 | 0.0 | Aluminum | 8.68E-02 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Aluminum | 2.76E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **CMW10** | **1/25/1999** | **0.0** | **Ammonia nitrogen** | **5.57E-01** | **F** | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| **CMW10** | **1/27/1999** | **0.0** | **Ammonia nitrogen** | **5.14E-01** | | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| CMW10 | 10/20/1998 | 0.0 | Arsenic | 3.36E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW10 | 10/26/1998 | 0.0 | Arsenic | 3.30E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW10 | 2/11/1997 | 0.0 | Barium | 5.40E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW10 | 2/11/1997 | 0.0 | Barium | 8.50E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW10 | 10/20/1998 | 0.0 | Barium | 6.38E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW10 | 10/26/1998 | 0.0 | Barium | 6.42E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Barium | 4.77E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Barium | 5.49E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Boron | 2.01E-01 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Boron | 3.07E-01 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| CMW10 | 10/20/1998 | 0.0 | Cadmium | 8.83E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW10 | 10/26/1998 | 0.0 | Cadmium | 1.30E-03 | FJ | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW10 | 2/11/1997 | 0.0 | Calcium | 2.01E+02 | F | NS | NS | NS | NS | |
| CMW10 | 2/11/1997 | 0.0 | Calcium | 2.36E+02 | | NS | NS | NS | NS | |
| CMW10 | 10/20/1998 | 0.0 | Calcium | 2.52E+02 | J | NS | NS | NS | NS | |
| CMW10 | 10/26/1998 | 0.0 | Calcium | 2.49E+02 | FJ | NS | NS | NS | NS | |
| CMW10 | 1/23/1999 | 0.0 | Calcium | 2.18E+02 | F | NS | NS | NS | NS | |
| CMW10 | 1/23/1999 | 0.0 | Calcium | 1.94E+02 | | NS | NS | NS | NS | |
| CMW10 | 1/27/1999 | 0.0 | Chloride | 2.27E+02 | | 2.50E+02 | NS | NS | NMWQCC | |
| **CMW10** | **10/20/1998** | **0.0** | **Chloride** | **3.98E+02** | | **2.50E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| **CMW10** | **2/11/1997** | **0.0** | **Chromium** | **1.81E-01** | **F** | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **CMW10** | **2/11/1997** | **0.0** | **Chromium** | **1.73E-01** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **CMW10** | **10/20/1998** | **0.0** | **Chromium** | **2.82E-01** | **J** | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **CMW10** | **10/26/1998** | **0.0** | **Chromium** | **2.70E-01** | **F** | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **CMW10** | **1/23/1999** | **0.0** | **Chromium** | **1.99E-01** | **F** | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **CMW10** | **1/23/1999** | **0.0** | **Chromium** | **1.74E-01** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| CMW10 | 2/11/1997 | 0.0 | Cobalt | 1.58E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW10 | 2/11/1997 | 0.0 | Cobalt | 2.14E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW10 | 2/11/1997 | 0.0 | Copper | 1.46E-02 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW10 | 2/11/1997 | 0.0 | Copper | 1.76E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Copper | 3.48E-03 | FJ | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Copper | 4.71E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW10 | 10/20/1998 | 0.0 | Iron | 8.28E-02 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Iron | 1.01E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **CMW10** | **2/11/1997** | **0.0** | **Iron** | **1.48E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW10 | 2/11/1997 | 0.0 | Lead | 1.26E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW10 | 10/20/1998 | 0.0 | Lead | 8.31E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW10 | 10/26/1998 | 0.0 | Lead | 5.58E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW10 | 1/23/1999 | 0.0 | Lead | 3.62E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW10 | 1/23/1999 | 0.0 | Lead | 4.62E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW10 | 2/11/1997 | 0.0 | Magnesium | 8.97E-01 | | NS | NS | NS | NS | |
| CMW10 | 1/23/1999 | 0.0 | Magnesium | 1.10E-01 | | NS | NS | NS | NS | |
| CMW10 | 2/11/1997 | 0.0 | Manganese | 3.80E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Manganese | 6.54E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Molybdenum | 2.27E-01 | F | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Molybdenum | 2.75E-01 | | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW10 | 2/11/1997 | 0.0 | Nickel | 1.01E-02 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW10 | 2/11/1997 | 0.0 | Nickel | 1.15E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW10 | 10/20/1998 | 0.0 | Nitrate | 4.21E+00 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW10 | 1/27/1999 | 0.0 | Nitrate | 3.50E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW10 | 10/20/1998 | 0.0 | Nitrite | 2.60E-02 | | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW10 | 2/11/1997 | 0.0 | Potassium | 6.35E+01 | F | NS | NS | NS | NS | |
| CMW10 | 2/11/1997 | 0.0 | Potassium | 6.44E+01 | | NS | NS | NS | NS | |
| CMW10 | 10/20/1998 | 0.0 | Potassium | 1.69E+01 | J | NS | NS | NS | NS | |
| CMW10 | 10/26/1998 | 0.0 | Potassium | 1.77E+01 | FJ | NS | NS | NS | NS | |
| CMW10 | 1/23/1999 | 0.0 | Potassium | 1.29E+01 | F | NS | NS | NS | NS | |
| CMW10 | 1/23/1999 | 0.0 | Potassium | 1.25E+01 | | NS | NS | NS | NS | |
| CMW10 | 2/11/1997 | 0.0 | Selenium | 1.90E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW10 | 2/11/1997 | 0.0 | Selenium | 1.72E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW10 | 1/23/1999 | 0.0 | Selenium | 4.15E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW10 | 1/23/1999 | 0.0 | Selenium | 4.63E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| **CMW10** | **10/20/1998** | **0.0** | **Selenium** | **8.45E-02** | | **5.00E-02** | **5.00E-02** | **1.83E-01** | **MCL** | **YES** |
| **CMW10** | **10/26/1998** | **0.0** | **Selenium** | **8.21E-02** | **F** | **5.00E-02** | **5.00E-02** | **1.83E-01** | **MCL** | **YES** |
| CMW10 | 2/11/1997 | 0.0 | Sodium | 1.20E+03 | F | NS | NS | NS | NS | |
| CMW10 | 2/11/1997 | 0.0 | Sodium | 1.10E+03 | | NS | NS | NS | NS | |
| CMW10 | 10/20/1998 | 0.0 | Sodium | 1.03E+03 | | NS | NS | NS | NS | |
| CMW10 | 10/26/1998 | 0.0 | Sodium | 1.11E+03 | F | NS | NS | NS | NS | |
| CMW10 | 1/23/1999 | 0.0 | Sodium | 1.07E+03 | F | NS | NS | NS | NS | |
| CMW10 | 1/23/1999 | 0.0 | Sodium | 1.20E+03 | | NS | NS | NS | NS | |
| **CMW10** | **10/20/1998** | **0.0** | **Sulfate** | **1.23E+03** | | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| **CMW10** | **1/27/1999** | **0.0** | **Sulfate** | **7.27E+02** | **J** | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| CMW10 | 2/11/1997 | 0.0 | Vanadium | 6.89E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW10 | 2/11/1997 | 0.0 | Vanadium | 7.17E-03 | | NS | NS | 1.83E-01 | MSC | |
| CMW10 | 10/20/1998 | 0.0 | Vanadium | 1.36E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW10 | 10/26/1998 | 0.0 | Vanadium | 1.18E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW10 | 1/23/1999 | 0.0 | Vanadium | 2.21E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW10 | 1/23/1999 | 0.0 | Vanadium | 3.01E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW10 | 1/23/1999 | 0.0 | Zinc | 6.55E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW10 | 1/23/1999 | 0.0 | Zinc | 1.09E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW14 | 10/29/1996 | 0.0 | Aluminum | 3.10E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW14 | 10/29/1996 | 0.0 | Aluminum | 4.48E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW14 | 2/11/1997 | 0.0 | Aluminum | 1.62E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW14 | 10/20/1998 | 0.0 | Aluminum | 1.36E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW14 | 10/20/1998 | 0.0 | Aluminum | 1.62E-01 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW14 | 1/25/1999 | 0.0 | Aluminum | 3.52E-01 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| **CMW14** | **10/20/1998** | **0.0** | **Ammonia nitrogen** | **1.50E+00** | **FJ** | **NS** | **NS** | | **2.09E-01** | **MSC** | **YES** |
| **CMW14** | **10/20/1998** | **0.0** | **Ammonia nitrogen** | **1.58E+00** | **J** | **NS** | **NS** | | **2.09E-01** | **MSC** | **YES** |
| **CMW14** | **1/25/1999** | **0.0** | **Ammonia nitrogen** | **3.12E-01** | **F** | **NS** | **NS** | | **2.09E-01** | **MSC** | **YES** |
| **CMW14** | **1/25/1999** | **0.0** | **Ammonia nitrogen** | **3.58E-01** | | **NS** | **NS** | | **2.09E-01** | **MSC** | **YES** |
| CMW14 | 10/29/1996 | 0.0 | Antimony | 3.41E-03 | F | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW14 | 10/29/1996 | 0.0 | Antimony | 2.02E-03 | | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW14 | 1/25/1999 | 0.0 | Antimony | 8.44E-04 | J | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW14 | 10/29/1996 | 0.0 | Arsenic | 1.20E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW14 | 10/29/1996 | 0.0 | Arsenic | 1.47E-03 | | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW14 | 10/20/1998 | 0.0 | Arsenic | 1.96E-03 | FJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW14 | 10/20/1998 | 0.0 | Arsenic | 2.36E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW14 | 10/29/1996 | 0.0 | Barium | 1.15E-01 | F | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW14 | 10/29/1996 | 0.0 | Barium | 1.12E-01 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW14 | 2/11/1997 | 0.0 | Barium | 1.28E-01 | F | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW14 | 2/11/1997 | 0.0 | Barium | 1.21E-01 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW14 | 10/20/1998 | 0.0 | Barium | 5.74E-01 | FJ | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW14 | 10/20/1998 | 0.0 | Barium | 1.77E-01 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW14 | 1/25/1999 | 0.0 | Barium | 3.79E-02 | F | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW14 | 1/25/1999 | 0.0 | Barium | 5.84E-02 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| **CMW14** | **1/25/1999** | **0.0** | **Boron** | **1.05E+00** | **F** | **7.50E-01** | **NS** | | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW14** | **1/25/1999** | **0.0** | **Boron** | **9.51E-01** | | **7.50E-01** | **NS** | | **7.30E+00** | **NMWQCC** | **YES** |
| CMW14 | 10/29/1996 | 0.0 | Cadmium | 2.45E-04 | F | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| CMW14 | 10/29/1996 | 0.0 | Cadmium | 3.89E-04 | | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| CMW14 | 10/20/1998 | 0.0 | Cadmium | 3.40E-04 | F | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| CMW14 | 10/20/1998 | 0.0 | Cadmium | 7.09E-04 | J | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| CMW14 | 1/25/1999 | 0.0 | Cadmium | 2.00E-04 | J | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| CMW14 | 10/29/1996 | 0.0 | Calcium | 1.00E+02 | F | NS | NS | | NS | NS | |
| CMW14 | 10/29/1996 | 0.0 | Calcium | 1.05E+02 | | NS | NS | | NS | NS | |
| CMW14 | 2/11/1997 | 0.0 | Calcium | 8.67E+01 | F | NS | NS | | NS | NS | |
| CMW14 | 2/11/1997 | 0.0 | Calcium | 9.32E+01 | | NS | NS | | NS | NS | |
| CMW14 | 10/20/1998 | 0.0 | Calcium | 2.49E+02 | FJ | NS | NS | | NS | NS | |
| CMW14 | 10/20/1998 | 0.0 | Calcium | 2.55E+02 | J | NS | NS | | NS | NS | |
| CMW14 | 1/25/1999 | 0.0 | Calcium | 8.48E+01 | F | NS | NS | | NS | NS | |
| CMW14 | 1/25/1999 | 0.0 | Calcium | 1.37E+02 | | NS | NS | | NS | NS | |
| CMW14 | 1/25/1999 | 0.0 | Chloride | 2.03E+02 | | 2.50E+02 | NS | | NS | NMWQCC | |
| **CMW14** | **10/20/1998** | **0.0** | **Chloride** | **2.52E+02** | | **2.50E+02** | **NS** | | **NS** | **NMWQCC** | **YES** |
| CMW14 | 2/11/1997 | 0.0 | Chromium | 4.66E-02 | | 5.00E-02 | 1.00E-01 | | NS | NMWQCC | |
| **CMW14** | **10/29/1996** | **0.0** | **Chromium** | **9.52E-02** | **F** | **5.00E-02** | **1.00E-01** | | **NS** | **NMWQCC** | **YES** |
| **CMW14** | **10/29/1996** | **0.0** | **Chromium** | **8.72E-02** | | **5.00E-02** | **1.00E-01** | | **NS** | **NMWQCC** | **YES** |
| **CMW14** | **2/11/1997** | **0.0** | **Chromium** | **5.42E-02** | **F** | **5.00E-02** | **1.00E-01** | | **NS** | **NMWQCC** | **YES** |
| **CMW14** | **10/20/1998** | **0.0** | **Chromium** | **1.42E-01** | **FJ** | **5.00E-02** | **1.00E-01** | | **NS** | **NMWQCC** | **YES** |
| **CMW14** | **10/20/1998** | **0.0** | **Chromium** | **1.13E-01** | **J** | **5.00E-02** | **1.00E-01** | | **NS** | **NMWQCC** | **YES** |
| **CMW14** | **1/25/1999** | **0.0** | **Chromium** | **6.66E-02** | **F** | **5.00E-02** | **1.00E-01** | | **NS** | **NMWQCC** | **YES** |
| **CMW14** | **1/25/1999** | **0.0** | **Chromium** | **7.52E-02** | | **5.00E-02** | **1.00E-01** | | **NS** | **NMWQCC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW14 | 10/29/1996 | 0.0 | Cobalt | 1.23E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW14 | 10/29/1996 | 0.0 | Cobalt | 1.23E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW14 | 2/11/1997 | 0.0 | Cobalt | 1.18E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW14 | 2/11/1997 | 0.0 | Cobalt | 1.12E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW14 | 1/25/1999 | 0.0 | Cobalt | 1.42E-02 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW14 | 10/29/1996 | 0.0 | Copper | 3.03E-02 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW14 | 10/29/1996 | 0.0 | Copper | 2.73E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW14 | 2/11/1997 | 0.0 | Copper | 6.19E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW14 | 2/11/1997 | 0.0 | Copper | 7.25E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW14 | 10/20/1998 | 0.0 | Copper | 8.18E-03 | FJ | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW14 | 10/20/1998 | 0.0 | Copper | 8.35E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW14 | 1/25/1999 | 0.0 | Copper | 3.93E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW14 | 2/11/1997 | 0.0 | Iron | 7.54E-02 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW14 | 10/29/1996 | 0.0 | Lead | 3.09E-03 | F | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW14 | 10/29/1996 | 0.0 | Lead | 4.65E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW14 | 2/11/1997 | 0.0 | Lead | 1.38E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW14 | 10/20/1998 | 0.0 | Lead | 1.09E-03 | F | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW14 | 10/20/1998 | 0.0 | Lead | 1.11E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW14 | 1/25/1999 | 0.0 | Lead | 7.58E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW14 | 10/29/1996 | 0.0 | Magnesium | 7.49E-02 | F | NS | NS | NS | NS | |
| CMW14 | 10/29/1996 | 0.0 | Magnesium | 1.64E+00 | J | NS | NS | NS | NS | |
| CMW14 | 2/11/1997 | 0.0 | Magnesium | 8.02E+00 | | NS | NS | NS | NS | |
| CMW14 | 10/20/1998 | 0.0 | Magnesium | 1.75E-01 | | NS | NS | NS | NS | |
| CMW14 | 1/25/1999 | 0.0 | Magnesium | 1.90E+00 | | NS | NS | NS | NS | |
| CMW14 | 10/29/1996 | 0.0 | Manganese | 3.17E-03 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW14 | 2/11/1997 | 0.0 | Manganese | 1.36E-03 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW14 | 1/25/1999 | 0.0 | Manganese | 2.77E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW14 | 1/25/1999 | 0.0 | Molybdenum | 2.67E-01 | F | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW14 | 1/25/1999 | 0.0 | Molybdenum | 2.92E-01 | | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW14 | 10/29/1996 | 0.0 | Nickel | 7.64E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW14 | 10/29/1996 | 0.0 | Nickel | 8.03E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW14 | 2/11/1997 | 0.0 | Nickel | 4.41E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW14 | 2/11/1997 | 0.0 | Nickel | 4.36E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW14 | 1/25/1999 | 0.0 | Nickel | 1.84E-02 | FJ | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW14 | 1/25/1999 | 0.0 | Nitrate | 1.93E-02 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW14 | 10/20/1998 | 0.0 | Nitrite | 2.48E-02 | | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW14 | 10/29/1996 | 0.0 | Potassium | 4.93E+01 | F | NS | NS | NS | NS | |
| CMW14 | 10/29/1996 | 0.0 | Potassium | 3.59E+01 | | NS | NS | NS | NS | |
| CMW14 | 2/11/1997 | 0.0 | Potassium | 2.78E+01 | F | NS | NS | NS | NS | |
| CMW14 | 2/11/1997 | 0.0 | Potassium | 2.29E+01 | | NS | NS | NS | NS | |
| CMW14 | 10/20/1998 | 0.0 | Potassium | 1.68E+01 | FJ | NS | NS | NS | NS | |
| CMW14 | 10/20/1998 | 0.0 | Potassium | 1.53E+01 | J | NS | NS | NS | NS | |
| CMW14 | 1/25/1999 | 0.0 | Potassium | 1.26E+01 | F | NS | NS | NS | NS | |
| CMW14 | 1/25/1999 | 0.0 | Potassium | 1.12E+01 | | NS | NS | NS | NS | |
| CMW14 | 10/20/1998 | 0.0 | Selenium | 6.96E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW14 | 10/20/1998 | 0.0 | Selenium | 6.47E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW14 | 1/25/1999 | 0.0 | Selenium | 1.34E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW14 | 1/25/1999 | 0.0 | Selenium | 1.30E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW14 | 10/29/1996 | 0.0 | Sodium | 1.30E+03 | F | NS | NS | NS | NS | |
| CMW14 | 10/29/1996 | 0.0 | Sodium | 1.20E+03 | | NS | NS | NS | NS | |
| CMW14 | 2/11/1997 | 0.0 | Sodium | 1.10E+03 | F | NS | NS | NS | NS | |
| CMW14 | 2/11/1997 | 0.0 | Sodium | 1.20E+03 | | NS | NS | NS | NS | |
| CMW14 | 10/20/1998 | 0.0 | Sodium | 1.19E+03 | F | NS | NS | NS | NS | |
| CMW14 | 10/20/1998 | 0.0 | Sodium | 1.12E+03 | | NS | NS | NS | NS | |
| CMW14 | 1/25/1999 | 0.0 | Sodium | 1.25E+03 | F | NS | NS | NS | NS | |
| CMW14 | 1/25/1999 | 0.0 | Sodium | 1.22E+03 | | NS | NS | NS | NS | |
| CMW14 | 10/20/1998 | 0.0 | Sulfate | 2.16E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| **CMW14** | **1/25/1999** | **0.0** | **Sulfate** | **1.00E+03** | **J** | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| CMW14 | 10/29/1996 | 0.0 | Vanadium | 2.93E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW14 | 10/29/1996 | 0.0 | Vanadium | 3.13E-03 | | NS | NS | 1.83E-01 | MSC | |
| CMW14 | 2/11/1997 | 0.0 | Vanadium | 1.49E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW14 | 10/29/1996 | 0.0 | Zinc | 2.64E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW14 | 10/29/1996 | 0.0 | Zinc | 9.93E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW14 | 1/25/1999 | 0.0 | Zinc | 7.34E-03 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | Aluminum | 2.08E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 1/22/1999 | 0.0 | Aluminum | 1.35E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Aluminum | 8.82E-01 | DJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Aluminum | 4.28E-01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 4/14/2000 | 0.0 | Aluminum | 3.00E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 7/27/2000 | 0.0 | Aluminum | 8.92E-02 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 7/26/2001 | 0.0 | Aluminum | 5.86E-02 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 10/9/2001 | 0.0 | Aluminum | 2.22E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 7/18/2002 | 0.0 | Aluminum | 4.49E-02 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 10/25/2002 | 0.0 | Aluminum | 3.01E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 1/30/2003 | 0.0 | Aluminum | 4.48E-02 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 4/10/2003 | 0.0 | Aluminum | 6.48E-02 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW16 | 4/10/2003 | 0.0 | Aluminum | 4.45E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **CMW16** | **10/22/1996** | **0.0** | **Aluminum** | **9.47E+00** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW16** | **2/10/1997** | **0.0** | **Aluminum** | **4.40E+01** | **D** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW16** | **2/10/1997** | **0.0** | **Aluminum** | **4.62E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW16** | **10/21/1998** | **0.0** | **Aluminum** | **6.37E+00** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW16** | **7/27/2000** | **0.0** | **Aluminum** | **5.63E+00** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW16** | **10/17/2000** | **0.0** | **Aluminum** | **9.41E+00** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW16** | **1/18/2001** | **0.0** | **Aluminum** | **1.07E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| CMW16 | 10/9/2001 | 0.0 | Antimony | 2.45E-03 | FJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW16 | 10/25/2002 | 0.0 | Antimony | 9.77E-04 | J | NS | 6.00E-03 | 1.46E-02 | MCL | |
| **CMW16** | **1/22/1999** | **0.0** | **Antimony** | **1.02E-02** | **F** | **NS** | **6.00E-03** | **1.46E-02** | **MCL** | **YES** |
| **CMW16** | **1/22/1999** | **0.0** | **Antimony** | **2.33E-02** | | **NS** | **6.00E-03** | **1.46E-02** | **MCL** | **YES** |
| **CMW16** | **4/14/2000** | **0.0** | **Antimony** | **8.90E-03** | | **NS** | **6.00E-03** | **1.46E-02** | **MCL** | **YES** |
| CMW16 | 2/10/1997 | 0.0 | Arsenic | 1.14E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW16 | 10/21/1998 | 0.0 | Arsenic | 2.23E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW16 | 4/14/2000 | 0.0 | Arsenic | 2.00E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW16 | 4/25/2001 | 0.0 | Arsenic | 3.60E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW16 | 4/25/2001 | 0.0 | Arsenic | 4.00E-04 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW16 | 10/22/1996 | 0.0 | Barium | 8.28E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | Barium | 3.10E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Barium | 4.40E-01 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Barium | 7.28E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Barium | 7.43E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Barium | 4.30E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 10/21/1998 | 0.0 | Barium | 7.23E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 10/21/1998 | 0.0 | Barium | 4.98E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 1/22/1999 | 0.0 | Barium | 7.29E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 1/22/1999 | 0.0 | Barium | 2.28E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Barium | 1.26E-01 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Barium | 6.74E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Barium | 6.82E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Barium | 1.28E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 4/14/2000 | 0.0 | Barium | 6.61E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 4/14/2000 | 0.0 | Barium | 2.11E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 7/27/2000 | 0.0 | Barium | 6.17E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 7/27/2000 | 0.0 | Barium | 2.78E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 10/17/2000 | 0.0 | Barium | 6.97E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 10/17/2000 | 0.0 | Barium | 2.69E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 1/18/2001 | 0.0 | Barium | 7.31E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 1/18/2001 | 0.0 | Barium | 2.38E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 4/25/2001 | 0.0 | Barium | 5.51E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 4/25/2001 | 0.0 | Barium | 5.52E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 7/26/2001 | 0.0 | Barium | 6.13E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 7/26/2001 | 0.0 | Barium | 6.16E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 10/9/2001 | 0.0 | Barium | 3.22E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 10/9/2001 | 0.0 | Barium | 6.91E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 2/22/2002 | 0.0 | Barium | 6.63E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 2/22/2002 | 0.0 | Barium | 6.51E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 5/2/2002 | 0.0 | Barium | 6.80E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 5/2/2002 | 0.0 | Barium | 6.22E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 7/18/2002 | 0.0 | Barium | 6.89E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 7/18/2002 | 0.0 | Barium | 6.91E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 10/25/2002 | 0.0 | Barium | 6.66E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 10/25/2002 | 0.0 | Barium | 7.68E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 1/30/2003 | 0.0 | Barium | 5.89E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 1/30/2003 | 0.0 | Barium | 6.20E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 4/10/2003 | 0.0 | Barium | 5.83E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 4/10/2003 | 0.0 | Barium | 8.58E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 09/01/2005 | 0.0 | Barium | 0.0976 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 09/01/2005 | 0.0 | Barium | 0.0969 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | Beryllium | 3.09E-04 | | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW16 | 2/10/1997 | 0.0 | Beryllium | 1.26E-03 | | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW16 | 10/21/1998 | 0.0 | Beryllium | 2.59E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW16 | 1/18/2001 | 0.0 | Beryllium | 5.62E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW16 | 7/26/2001 | 0.0 | Beryllium | 4.35E-04 | FJ | NS | 4.00E-03 | 7.30E-02 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW16 | 09/01/2005 | 0.0 | Beryllium | 0.000295 | JF | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW16 | 1/22/1999 | 0.0 | Boron | 3.97E-01 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| CMW16 | 1/22/1999 | 0.0 | Boron | 4.10E-01 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | Calcium | 4.77E+01 | F | NS | NS | NS | NS | |
| CMW16 | 10/22/1996 | 0.0 | Calcium | 5.88E+01 | J | NS | NS | NS | NS | |
| CMW16 | 2/10/1997 | 0.0 | Calcium | 6.07E+01 | D | NS | NS | NS | NS | |
| CMW16 | 2/10/1997 | 0.0 | Calcium | 4.42E+01 | DF | NS | NS | NS | NS | |
| CMW16 | 2/10/1997 | 0.0 | Calcium | 4.33E+01 | F | NS | NS | NS | NS | |
| CMW16 | 2/10/1997 | 0.0 | Calcium | 5.97E+01 | | NS | NS | NS | NS | |
| CMW16 | 10/21/1998 | 0.0 | Calcium | 4.37E+01 | FJ | NS | NS | NS | NS | |
| CMW16 | 10/21/1998 | 0.0 | Calcium | 1.79E+02 | J | NS | NS | NS | NS | |
| CMW16 | 1/22/1999 | 0.0 | Calcium | 4.43E+01 | F | NS | NS | NS | NS | |
| CMW16 | 1/22/1999 | 0.0 | Calcium | 9.93E+01 | | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Calcium | 7.78E+01 | D | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Calcium | 4.51E+01 | DF | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Calcium | 4.66E+01 | F | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Calcium | 7.62E+01 | | NS | NS | NS | NS | |
| CMW16 | 4/14/2000 | 0.0 | Calcium | 4.20E+01 | F | NS | NS | NS | NS | |
| CMW16 | 4/14/2000 | 0.0 | Calcium | 8.05E+01 | | NS | NS | NS | NS | |
| CMW16 | 7/27/2000 | 0.0 | Calcium | 4.29E+01 | F | NS | NS | NS | NS | |
| CMW16 | 7/27/2000 | 0.0 | Calcium | 7.07E+01 | | NS | NS | NS | NS | |
| CMW16 | 10/17/2000 | 0.0 | Calcium | 4.62E+01 | F | NS | NS | NS | NS | |
| CMW16 | 10/17/2000 | 0.0 | Calcium | 7.83E+01 | | NS | NS | NS | NS | |
| CMW16 | 1/18/2001 | 0.0 | Calcium | 4.50E+01 | F | NS | NS | NS | NS | |
| CMW16 | 1/18/2001 | 0.0 | Calcium | 7.24E+01 | | NS | NS | NS | NS | |
| CMW16 | 4/25/2001 | 0.0 | Calcium | 3.57E+01 | F | NS | NS | NS | NS | |
| CMW16 | 4/25/2001 | 0.0 | Calcium | 3.75E+01 | | NS | NS | NS | NS | |
| CMW16 | 7/26/2001 | 0.0 | Calcium | 3.91E+01 | F | NS | NS | NS | NS | |
| CMW16 | 7/26/2001 | 0.0 | Calcium | 3.71E+01 | | NS | NS | NS | NS | |
| CMW16 | 10/9/2001 | 0.0 | Calcium | 3.94E+01 | F | NS | NS | NS | NS | |
| CMW16 | 10/9/2001 | 0.0 | Calcium | 4.73E+01 | | NS | NS | NS | NS | |
| CMW16 | 2/22/2002 | 0.0 | Calcium | 4.14E+01 | F | NS | NS | NS | NS | |
| CMW16 | 2/22/2002 | 0.0 | Calcium | 4.07E+01 | | NS | NS | NS | NS | |
| CMW16 | 5/2/2002 | 0.0 | Calcium | 4.12E+01 | F | NS | NS | NS | NS | |
| CMW16 | 5/2/2002 | 0.0 | Calcium | 4.00E+01 | | NS | NS | NS | NS | |
| CMW16 | 7/18/2002 | 0.0 | Calcium | 4.07E+01 | F | NS | NS | NS | NS | |
| CMW16 | 7/18/2002 | 0.0 | Calcium | 4.04E+01 | | NS | NS | NS | NS | |
| CMW16 | 10/25/2002 | 0.0 | Calcium | 4.24E+01 | F | NS | NS | NS | NS | |
| CMW16 | 10/25/2002 | 0.0 | Calcium | 4.43E+01 | | NS | NS | NS | NS | |
| CMW16 | 1/30/2003 | 0.0 | Calcium | 4.13E+01 | F | NS | NS | NS | NS | |
| CMW16 | 1/30/2003 | 0.0 | Calcium | 4.12E+01 | | NS | NS | NS | NS | |
| CMW16 | 4/10/2003 | 0.0 | Calcium | 3.87E+01 | F | NS | NS | NS | NS | |
| CMW16 | 4/10/2003 | 0.0 | Calcium | 4.50E+01 | | NS | NS | NS | NS | |
| CMW16 | 09/01/2005 | 0.0 | Calcium | 64.7 | F | NS | NS | NS | NS | |
| CMW16 | 09/01/2005 | 0.0 | Calcium | 64.6 | | NS | NS | NS | NS | |
| CMW16 | 10/21/1998 | 0.0 | Chloride | 2.47E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW16 | 1/22/1999 | 0.0 | Chloride | 1.65E+01 | | 2.50E+02 | NS | NS | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW16 | 10/22/1996 | 0.0 | Chromium | 2.91E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | Chromium | 4.96E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Chromium | 4.81E-03 | D | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Chromium | 1.02E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Chromium | 4.55E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW16 | 4/14/2000 | 0.0 | Chromium | 3.20E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW16 | 10/17/2000 | 0.0 | Chromium | 3.88E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW16 | 10/25/2002 | 0.0 | Chromium | 2.61E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW16 | 10/25/2002 | 0.0 | Chromium | 2.80E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | Cobalt | 2.33E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Cobalt | 2.59E-03 | D | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Cobalt | 2.70E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Cobalt | 3.93E-04 | DFJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Cobalt | 1.30E-03 | DJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Cobalt | 4.75E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Cobalt | 1.37E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 10/25/2002 | 0.0 | Cobalt | 1.63E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 10/25/2002 | 0.0 | Cobalt | 2.64E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 4/10/2003 | 0.0 | Cobalt | 2.68E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 4/10/2003 | 0.0 | Cobalt | 3.44E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | Copper | 1.65E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | Copper | 4.62E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Copper | 3.70E-03 | D | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Copper | 3.35E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW16 | 10/21/1998 | 0.0 | Copper | 1.18E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW16 | 1/22/1999 | 0.0 | Copper | 1.49E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW16 | 4/14/2000 | 0.0 | Copper | 1.64E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW16 | 7/27/2000 | 0.0 | Copper | 1.47E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW16 | 10/17/2000 | 0.0 | Copper | 2.51E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW16 | 1/18/2001 | 0.0 | Copper | 8.39E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW16 | 7/18/2002 | 0.0 | DNX | 3.50E-04 | | NS | NS | NS | NS | |
| CMW16 | 10/25/2002 | 0.0 | DNX | 2.40E-04 | J | NS | NS | NS | NS | |
| CMW16 | 1/30/2003 | 0.0 | DNX | 2.10E-04 | J | NS | NS | NS | NS | |
| CMW16 | 4/10/2003 | 0.0 | DNX | 2.40E-04 | J | NS | NS | NS | NS | |
| CMW16 | 9/1/2005 | 0.0 | DNX | 0.0002 | J | NS | NS | NS | NS | |
| CMW16 | 1/22/1999 | 0.0 | Fluoride | 1.31E+00 | | 1.60E+00 | 4.00E+00 | 2.19E+00 | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | HMX | 7.86E-03 | | NS | NS | 1.83E+00 | MSC | |
| CMW16 | 2/10/1997 | 0.0 | HMX | 7.12E-03 | DJ | NS | NS | 1.83E+00 | MSC | |
| CMW16 | 2/10/1997 | 0.0 | HMX | 6.39E-03 | | NS | NS | 1.83E+00 | MSC | |
| CMW16 | 10/21/1998 | 0.0 | HMX | 8.09E-03 | | NS | NS | 1.83E+00 | MSC | |
| CMW16 | 1/22/1999 | 0.0 | HMX | 7.63E-03 | | NS | NS | 1.83E+00 | MSC | |
| CMW16 | 1/27/2000 | 0.0 | HMX | 8.24E-03 | D | NS | NS | 1.83E+00 | MSC | |
| CMW16 | 1/27/2000 | 0.0 | HMX | 8.82E-03 | | NS | NS | 1.83E+00 | MSC | |
| CMW16 | 4/14/2000 | 0.0 | HMX | 8.00E-03 | | NS | NS | 1.83E+00 | MSC | |
| CMW16 | 10/17/2000 | 0.0 | HMX | 8.64E-03 | | NS | NS | 1.83E+00 | MSC | |
| CMW16 | 1/18/2001 | 0.0 | HMX | 8.41E-03 | | NS | NS | 1.83E+00 | MSC | |
| CMW16 | 4/25/2001 | 0.0 | HMX | 7.30E-03 | | NS | NS | 1.83E+00 | MSC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW16 | 7/26/2001 | 0.0 | HMX | 7.28E-03 | | NS | NS | 1.83E+00 | | MSC | |
| CMW16 | 10/9/2001 | 0.0 | HMX | 7.65E-03 | | NS | NS | 1.83E+00 | | MSC | |
| CMW16 | 2/22/2002 | 0.0 | HMX | 8.32E-03 | | NS | NS | 1.83E+00 | | MSC | |
| CMW16 | 5/2/2002 | 0.0 | HMX | 8.50E-03 | | NS | NS | 1.83E+00 | | MSC | |
| CMW16 | 7/18/2002 | 0.0 | HMX | 7.95E-03 | | NS | NS | 1.83E+00 | | MSC | |
| CMW16 | 7/18/2002 | 0.0 | HMX | 7.40E-03 | | NS | NS | 1.83E+00 | | MSC | |
| CMW16 | 10/25/2002 | 0.0 | HMX | 1.10E-02 | | NS | NS | 1.83E+00 | | MSC | |
| CMW16 | 1/30/2003 | 0.0 | HMX | 1.00E-02 | | NS | NS | 1.83E+00 | | MSC | |
| CMW16 | 4/10/2003 | 0.0 | HMX | 9.30E-03 | | NS | NS | 1.83E+00 | | MSC | |
| CMW16 | 9/1/2005 | 0.0 | HMX | 0.0094 | | NS | NS | 1.83E+00 | | MSC | |
| CMW16 | 10/22/1996 | 0.0 | Iron | 9.39E-02 | F | 1.00E+00 | NS | 2.56E+01 | | NMWQCC | |
| CMW16 | 1/22/1999 | 0.0 | Iron | 4.72E-01 | | 1.00E+00 | NS | 2.56E+01 | | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Iron | 3.34E-01 | DJ | 1.00E+00 | NS | 2.56E+01 | | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Iron | 3.98E-02 | FJ | 1.00E+00 | NS | 2.56E+01 | | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Iron | 1.74E-01 | J | 1.00E+00 | NS | 2.56E+01 | | NMWQCC | |
| CMW16 | 4/25/2001 | 0.0 | Iron | 1.27E-02 | J | 1.00E+00 | NS | 2.56E+01 | | NMWQCC | |
| CMW16 | 10/9/2001 | 0.0 | Iron | 8.46E-02 | | 1.00E+00 | NS | 2.56E+01 | | NMWQCC | |
| CMW16 | 2/22/2002 | 0.0 | Iron | 5.94E-02 | F | 1.00E+00 | NS | 2.56E+01 | | NMWQCC | |
| CMW16 | 2/22/2002 | 0.0 | Iron | 7.72E-02 | | 1.00E+00 | NS | 2.56E+01 | | NMWQCC | |
| CMW16 | 7/18/2002 | 0.0 | Iron | 2.83E-02 | J | 1.00E+00 | NS | 2.56E+01 | | NMWQCC | |
| CMW16 | 10/25/2002 | 0.0 | Iron | 1.08E-01 | | 1.00E+00 | NS | 2.56E+01 | | NMWQCC | |
| **CMW16** | **10/22/1996** | **0.0** | **Iron** | **4.67E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | | **NMWQCC** | **YES** |
| **CMW16** | **2/10/1997** | **0.0** | **Iron** | **1.84E+01** | **D** | **1.00E+00** | **NS** | **2.56E+01** | | **NMWQCC** | **YES** |
| **CMW16** | **2/10/1997** | **0.0** | **Iron** | **1.91E+01** | | **1.00E+00** | **NS** | **2.56E+01** | | **NMWQCC** | **YES** |
| **CMW16** | **10/21/1998** | **0.0** | **Iron** | **2.45E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | | **NMWQCC** | **YES** |
| **CMW16** | **4/14/2000** | **0.0** | **Iron** | **1.50E+00** | | **1.00E+00** | **NS** | **2.56E+01** | | **NMWQCC** | **YES** |
| **CMW16** | **7/27/2000** | **0.0** | **Iron** | **2.31E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | | **NMWQCC** | **YES** |
| **CMW16** | **10/17/2000** | **0.0** | **Iron** | **3.28E+00** | | **1.00E+00** | **NS** | **2.56E+01** | | **NMWQCC** | **YES** |
| **CMW16** | **1/18/2001** | **0.0** | **Iron** | **3.71E+00** | | **1.00E+00** | **NS** | **2.56E+01** | | **NMWQCC** | **YES** |
| CMW16 | 10/22/1996 | 0.0 | Lead | 2.25E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 2/10/1997 | 0.0 | Lead | 7.47E-03 | D | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 2/10/1997 | 0.0 | Lead | 7.88E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 10/21/1998 | 0.0 | Lead | 3.24E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 1/22/1999 | 0.0 | Lead | 2.98E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 1/27/2000 | 0.0 | Lead | 2.19E-03 | D | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 1/27/2000 | 0.0 | Lead | 3.26E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 7/27/2000 | 0.0 | Lead | 3.60E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 10/17/2000 | 0.0 | Lead | 1.56E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 1/18/2001 | 0.0 | Lead | 2.24E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 1/30/2003 | 0.0 | Lead | 1.45E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 4/10/2003 | 0.0 | Lead | 1.49E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | | MCL | |
| CMW16 | 10/22/1996 | 0.0 | Magnesium | 1.20E+01 | F | NS | NS | NS | | NS | |
| CMW16 | 10/22/1996 | 0.0 | Magnesium | 1.56E+01 | J | NS | NS | NS | | NS | |
| CMW16 | 2/10/1997 | 0.0 | Magnesium | 2.99E+01 | D | NS | NS | NS | | NS | |
| CMW16 | 2/10/1997 | 0.0 | Magnesium | 1.12E+01 | DF | NS | NS | NS | | NS | |
| CMW16 | 2/10/1997 | 0.0 | Magnesium | 1.10E+01 | F | NS | NS | NS | | NS | |
| CMW16 | 2/10/1997 | 0.0 | Magnesium | 3.07E+01 | | NS | NS | NS | | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW16 | 10/21/1998 | 0.0 | Magnesium | 1.18E+01 | FJ | NS | NS | NS | NS | |
| CMW16 | 10/21/1998 | 0.0 | Magnesium | 2.19E+01 | J | NS | NS | NS | NS | |
| CMW16 | 1/22/1999 | 0.0 | Magnesium | 1.18E+01 | F | NS | NS | NS | NS | |
| CMW16 | 1/22/1999 | 0.0 | Magnesium | 1.36E+01 | | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Magnesium | 1.28E+01 | D | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Magnesium | 1.13E+01 | DF | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Magnesium | 1.15E+01 | F | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Magnesium | 1.19E+01 | | NS | NS | NS | NS | |
| CMW16 | 4/14/2000 | 0.0 | Magnesium | 1.05E+01 | F | NS | NS | NS | NS | |
| CMW16 | 4/14/2000 | 0.0 | Magnesium | 1.26E+01 | | NS | NS | NS | NS | |
| CMW16 | 7/27/2000 | 0.0 | Magnesium | 1.10E+01 | F | NS | NS | NS | NS | |
| CMW16 | 7/27/2000 | 0.0 | Magnesium | 1.38E+01 | | NS | NS | NS | NS | |
| CMW16 | 10/17/2000 | 0.0 | Magnesium | 1.13E+01 | F | NS | NS | NS | NS | |
| CMW16 | 10/17/2000 | 0.0 | Magnesium | 1.47E+01 | | NS | NS | NS | NS | |
| CMW16 | 1/18/2001 | 0.0 | Magnesium | 1.15E+01 | F | NS | NS | NS | NS | |
| CMW16 | 1/18/2001 | 0.0 | Magnesium | 1.56E+01 | | NS | NS | NS | NS | |
| CMW16 | 4/25/2001 | 0.0 | Magnesium | 1.03E+01 | F | NS | NS | NS | NS | |
| CMW16 | 4/25/2001 | 0.0 | Magnesium | 1.03E+01 | | NS | NS | NS | NS | |
| CMW16 | 7/26/2001 | 0.0 | Magnesium | 1.07E+01 | F | NS | NS | NS | NS | |
| CMW16 | 7/26/2001 | 0.0 | Magnesium | 1.03E+01 | | NS | NS | NS | NS | |
| CMW16 | 10/9/2001 | 0.0 | Magnesium | 1.04E+01 | F | NS | NS | NS | NS | |
| CMW16 | 10/9/2001 | 0.0 | Magnesium | 1.11E+01 | | NS | NS | NS | NS | |
| CMW16 | 2/22/2002 | 0.0 | Magnesium | 1.07E+01 | F | NS | NS | NS | NS | |
| CMW16 | 2/22/2002 | 0.0 | Magnesium | 1.03E+01 | | NS | NS | NS | NS | |
| CMW16 | 5/2/2002 | 0.0 | Magnesium | 1.08E+01 | F | NS | NS | NS | NS | |
| CMW16 | 5/2/2002 | 0.0 | Magnesium | 1.05E+01 | | NS | NS | NS | NS | |
| CMW16 | 7/18/2002 | 0.0 | Magnesium | 1.08E+01 | F | NS | NS | NS | NS | |
| CMW16 | 7/18/2002 | 0.0 | Magnesium | 1.06E+01 | | NS | NS | NS | NS | |
| CMW16 | 10/25/2002 | 0.0 | Magnesium | 1.09E+01 | F | NS | NS | NS | NS | |
| CMW16 | 10/25/2002 | 0.0 | Magnesium | 1.10E+01 | | NS | NS | NS | NS | |
| CMW16 | 1/30/2003 | 0.0 | Magnesium | 1.04E+01 | F | NS | NS | NS | NS | |
| CMW16 | 1/30/2003 | 0.0 | Magnesium | 1.05E+01 | | NS | NS | NS | NS | |
| CMW16 | 4/10/2003 | 0.0 | Magnesium | 9.66E+00 | F | NS | NS | NS | NS | |
| CMW16 | 4/10/2003 | 0.0 | Magnesium | 1.01E+01 | | NS | NS | NS | NS | |
| CMW16 | 09/01/2005 | 0.0 | Magnesium | 15.8 | F | NS | NS | NS | NS | |
| CMW16 | 09/01/2005 | 0.0 | Magnesium | 15.6 | | NS | NS | NS | NS | |
| CMW16 | 10/22/1996 | 0.0 | Manganese | 2.25E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Manganese | 1.11E-03 | DF | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Manganese | 1.19E-03 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 10/21/1998 | 0.0 | Manganese | 1.73E-01 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 1/22/1999 | 0.0 | Manganese | 4.25E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Manganese | 9.68E-02 | DJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Manganese | 5.19E-02 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 4/14/2000 | 0.0 | Manganese | 9.45E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 10/17/2000 | 0.0 | Manganese | 1.53E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 1/18/2001 | 0.0 | Manganese | 1.79E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 10/9/2001 | 0.0 | Manganese | 4.02E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW16 | 2/22/2002 | 0.0 | Manganese | 1.34E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 7/18/2002 | 0.0 | Manganese | 1.24E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW16 | 10/25/2002 | 0.0 | Manganese | 5.07E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| **CMW16** | **10/22/1996** | **0.0** | **Manganese** | **2.20E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW16** | **2/10/1997** | **0.0** | **Manganese** | **2.90E-01** | **D** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW16** | **2/10/1997** | **0.0** | **Manganese** | **2.90E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW16** | **7/27/2000** | **0.0** | **Manganese** | **2.12E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| CMW16 | 7/18/2002 | 0.0 | MNX | 1.30E-03 | | NS | NS | NS | NS | |
| CMW16 | 10/25/2002 | 0.0 | MNX | 1.20E-03 | | NS | NS | NS | NS | |
| CMW16 | 1/30/2003 | 0.0 | MNX | 1.10E-03 | | NS | NS | NS | NS | |
| CMW16 | 4/10/2003 | 0.0 | MNX | 9.70E-04 | | NS | NS | NS | NS | |
| CMW16 | 9/1/2005 | 0.0 | MNX | 0.00091 | | NS | NS | NS | NS | |
| CMW16 | 10/22/1996 | 0.0 | Nickel | 6.83E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | Nickel | 5.39E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Nickel | 6.34E-03 | D | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Nickel | 1.75E-03 | DF | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Nickel | 2.15E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Nickel | 5.84E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW16 | 10/21/1998 | 0.0 | Nitrate | 3.04E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 1/22/1999 | 0.0 | Nitrate | 4.16E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 1/27/2000 | 0.0 | Nitrate | 2.48E-01 | DJ | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 1/27/2000 | 0.0 | Nitrate | 2.49E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 7/27/2000 | 0.0 | Nitrate | 8.20E-02 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 10/17/2000 | 0.0 | Nitrate | 3.36E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 1/18/2001 | 0.0 | Nitrate | 3.52E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 4/25/2001 | 0.0 | Nitrate | 1.60E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 7/26/2001 | 0.0 | Nitrate | 2.57E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 10/9/2001 | 0.0 | Nitrate | 4.34E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 2/22/2002 | 0.0 | Nitrate | 3.10E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 5/2/2002 | 0.0 | Nitrate | 3.06E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 7/18/2002 | 0.0 | Nitrate | 2.85E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 10/25/2002 | 0.0 | Nitrate | 1.29E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 1/30/2003 | 0.0 | Nitrate | 1.00E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 4/10/2003 | 0.0 | Nitrate | 6.70E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 09/01/2005 | 0.0 | Nitrate as N | 1.4 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 09/01/2005 | 0.0 | Nitrate/Nitrite Nitrogen | 1.4 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW16 | 10/9/2001 | 0.0 | Nitrite | 6.77E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW16 | 2/22/2002 | 0.0 | Nitrite | 2.59E-01 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW16 | 5/2/2002 | 0.0 | Nitrite | 3.10E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW16 | 7/18/2002 | 0.0 | Perchlorate | 5.81E-04 | J | NS | NS | 2.45E-02 | MSC | |
| CMW16 | 09/01/2005 | 0.0 | Perchlorate | 0.000663 | J | NS | NS | 2.45E-02 | MSC | |
| CMW16 | 10/22/1996 | 0.0 | Potassium | 7.30E-01 | F | NS | NS | NS | NS | |
| CMW16 | 10/22/1996 | 0.0 | Potassium | 1.88E+00 | J | NS | NS | NS | NS | |
| CMW16 | 2/10/1997 | 0.0 | Potassium | 4.56E+00 | D | NS | NS | NS | NS | |
| CMW16 | 2/10/1997 | 0.0 | Potassium | 5.57E-01 | DF | NS | NS | NS | NS | |
| CMW16 | 2/10/1997 | 0.0 | Potassium | 4.86E+00 | | NS | NS | NS | NS | |
| CMW16 | 10/21/1998 | 0.0 | Potassium | 1.49E+00 | FJ | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW16 | 10/21/1998 | 0.0 | Potassium | 2.90E+00 | J | NS | NS | NS | NS | |
| CMW16 | 1/22/1999 | 0.0 | Potassium | 3.14E+00 | F | NS | NS | NS | NS | |
| CMW16 | 1/22/1999 | 0.0 | Potassium | 4.21E+00 | | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Potassium | 2.09E+00 | DFJ | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Potassium | 1.50E+00 | FJ | NS | NS | NS | NS | |
| CMW16 | 4/14/2000 | 0.0 | Potassium | 1.00E+00 | F | NS | NS | NS | NS | |
| CMW16 | 4/14/2000 | 0.0 | Potassium | 1.33E+00 | | NS | NS | NS | NS | |
| CMW16 | 7/27/2000 | 0.0 | Potassium | 1.03E+00 | F | NS | NS | NS | NS | |
| CMW16 | 7/27/2000 | 0.0 | Potassium | 1.75E+00 | | NS | NS | NS | NS | |
| CMW16 | 10/17/2000 | 0.0 | Potassium | 1.04E+00 | FJ | NS | NS | NS | NS | |
| CMW16 | 10/17/2000 | 0.0 | Potassium | 2.17E+00 | J | NS | NS | NS | NS | |
| CMW16 | 1/18/2001 | 0.0 | Potassium | 6.78E-01 | FJ | NS | NS | NS | NS | |
| CMW16 | 1/18/2001 | 0.0 | Potassium | 2.62E+00 | J | NS | NS | NS | NS | |
| CMW16 | 4/25/2001 | 0.0 | Potassium | 2.76E+00 | FJ | NS | NS | NS | NS | |
| CMW16 | 4/25/2001 | 0.0 | Potassium | 2.76E+00 | J | NS | NS | NS | NS | |
| CMW16 | 7/26/2001 | 0.0 | Potassium | 1.47E+00 | FJ | NS | NS | NS | NS | |
| CMW16 | 7/26/2001 | 0.0 | Potassium | 1.77E+00 | J | NS | NS | NS | NS | |
| CMW16 | 10/9/2001 | 0.0 | Potassium | 1.49E+00 | FJ | NS | NS | NS | NS | |
| CMW16 | 10/9/2001 | 0.0 | Potassium | 1.61E+00 | J | NS | NS | NS | NS | |
| CMW16 | 2/22/2002 | 0.0 | Potassium | 1.46E+00 | FJ | NS | NS | NS | NS | |
| CMW16 | 2/22/2002 | 0.0 | Potassium | 1.56E+00 | J | NS | NS | NS | NS | |
| CMW16 | 5/2/2002 | 0.0 | Potassium | 1.24E+00 | FJ | NS | NS | NS | NS | |
| CMW16 | 5/2/2002 | 0.0 | Potassium | 1.13E+00 | J | NS | NS | NS | NS | |
| CMW16 | 7/18/2002 | 0.0 | Potassium | 1.18E+00 | FJ | NS | NS | NS | NS | |
| CMW16 | 7/18/2002 | 0.0 | Potassium | 1.38E+00 | J | NS | NS | NS | NS | |
| CMW16 | 10/25/2002 | 0.0 | Potassium | 7.15E-01 | FJ | NS | NS | NS | NS | |
| CMW16 | 10/25/2002 | 0.0 | Potassium | 1.02E+00 | J | NS | NS | NS | NS | |
| CMW16 | 1/30/2003 | 0.0 | Potassium | 9.39E-01 | FJ | NS | NS | NS | NS | |
| CMW16 | 1/30/2003 | 0.0 | Potassium | 8.23E-01 | J | NS | NS | NS | NS | |
| CMW16 | 4/10/2003 | 0.0 | Potassium | 1.33E+00 | FJ | NS | NS | NS | NS | |
| CMW16 | 4/10/2003 | 0.0 | Potassium | 1.85E+00 | J | NS | NS | NS | NS | |
| CMW16 | 09/01/2005 | 0.0 | Potassium | 0.807 | J | NS | NS | NS | NS | |
| CMW16 | 09/01/2005 | 0.0 | Potassium | 1.27 | JF | NS | NS | NS | NS | |
| **CMW16** | **10/22/1996** | **0.0** | **RDX** | **1.73E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **2/10/1997** | **0.0** | **RDX** | **1.45E-02** | **DJ** | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **2/10/1997** | **0.0** | **RDX** | **1.32E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **10/21/1998** | **0.0** | **RDX** | **1.58E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **1/22/1999** | **0.0** | **RDX** | **1.24E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **1/27/2000** | **0.0** | **RDX** | **1.58E-02** | **D** | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **1/27/2000** | **0.0** | **RDX** | **1.58E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **4/14/2000** | **0.0** | **RDX** | **1.58E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **10/17/2000** | **0.0** | **RDX** | **1.63E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **1/18/2001** | **0.0** | **RDX** | **1.54E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **4/25/2001** | **0.0** | **RDX** | **1.10E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **7/26/2001** | **0.0** | **RDX** | **1.11E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **10/9/2001** | **0.0** | **RDX** | **1.07E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **2/22/2002** | **0.0** | **RDX** | **1.20E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| **CMW16** | **5/2/2002** | **0.0** | **RDX** | **1.35E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **7/18/2002** | **0.0** | **RDX** | **1.28E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **7/18/2002** | **0.0** | **RDX** | **1.50E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **10/25/2002** | **0.0** | **RDX** | **1.40E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **1/30/2003** | **0.0** | **RDX** | **1.20E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **4/10/2003** | **0.0** | **RDX** | **1.20E-02** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| **CMW16** | **9/1/2005** | **0.0** | **RDX** | **0.013** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| CMW16 | 10/22/1996 | 0.0 | Selenium | 4.13E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 10/22/1996 | 0.0 | Selenium | 4.32E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 2/10/1997 | 0.0 | Selenium | 2.05E-03 | D | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 2/10/1997 | 0.0 | Selenium | 2.31E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 2/10/1997 | 0.0 | Selenium | 3.28E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 10/21/1998 | 0.0 | Selenium | 5.26E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 10/21/1998 | 0.0 | Selenium | 6.44E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 1/22/1999 | 0.0 | Selenium | 2.33E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 1/22/1999 | 0.0 | Selenium | 2.14E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 1/27/2000 | 0.0 | Selenium | 1.19E-03 | DFJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 1/27/2000 | 0.0 | Selenium | 1.60E-03 | DJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 1/27/2000 | 0.0 | Selenium | 3.14E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 1/27/2000 | 0.0 | Selenium | 1.72E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 4/14/2000 | 0.0 | Selenium | 2.40E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 7/27/2000 | 0.0 | Selenium | 2.40E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 10/17/2000 | 0.0 | Selenium | 3.14E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 10/17/2000 | 0.0 | Selenium | 2.72E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 1/18/2001 | 0.0 | Selenium | 2.25E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 4/25/2001 | 0.0 | Selenium | 2.90E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 4/25/2001 | 0.0 | Selenium | 2.60E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 10/9/2001 | 0.0 | Selenium | 2.46E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 10/9/2001 | 0.0 | Selenium | 2.13E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 2/22/2002 | 0.0 | Selenium | 5.92E-04 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 2/22/2002 | 0.0 | Selenium | 1.04E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 5/2/2002 | 0.0 | Selenium | 1.51E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 7/18/2002 | 0.0 | Selenium | 3.13E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 7/18/2002 | 0.0 | Selenium | 3.30E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 10/25/2002 | 0.0 | Selenium | 2.76E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 1/30/2003 | 0.0 | Selenium | 2.57E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 1/30/2003 | 0.0 | Selenium | 2.46E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 4/10/2003 | 0.0 | Selenium | 3.73E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 09/01/2005 | 0.0 | Selenium | 0.0039 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 09/01/2005 | 0.0 | Selenium | 0.00403 | JF | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW16 | 10/22/1996 | 0.0 | Silver | 1.40E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Silver | 3.47E-04 | D | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Silver | 4.60E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW16 | 10/21/1998 | 0.0 | Silver | 1.00E-03 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW16 | 1/22/1999 | 0.0 | Silver | 1.68E-03 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Silver | 1.74E-03 | DJ | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW16 | 1/27/2000 | 0.0 | Silver | 1.81E-03 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW16 | 10/17/2000 | 0.0 | Silver | 1.22E-03 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW16 | 1/18/2001 | 0.0 | Silver | 9.77E-04 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | Sodium | 1.64E+02 | F | NS | NS | NS | NS | |
| CMW16 | 10/22/1996 | 0.0 | Sodium | 1.63E+02 | | NS | NS | NS | NS | |
| CMW16 | 2/10/1997 | 0.0 | Sodium | 1.59E+02 | D | NS | NS | NS | NS | |
| CMW16 | 2/10/1997 | 0.0 | Sodium | 1.51E+02 | DF | NS | NS | NS | NS | |
| CMW16 | 2/10/1997 | 0.0 | Sodium | 1.47E+02 | F | NS | NS | NS | NS | |
| CMW16 | 2/10/1997 | 0.0 | Sodium | 1.58E+02 | | NS | NS | NS | NS | |
| CMW16 | 10/21/1998 | 0.0 | Sodium | 1.53E+02 | F | NS | NS | NS | NS | |
| CMW16 | 10/21/1998 | 0.0 | Sodium | 1.51E+02 | | NS | NS | NS | NS | |
| CMW16 | 1/22/1999 | 0.0 | Sodium | 1.55E+02 | F | NS | NS | NS | NS | |
| CMW16 | 1/22/1999 | 0.0 | Sodium | 1.58E+02 | | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Sodium | 1.62E+02 | D | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Sodium | 1.57E+02 | DF | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Sodium | 1.60E+02 | F | NS | NS | NS | NS | |
| CMW16 | 1/27/2000 | 0.0 | Sodium | 1.53E+02 | | NS | NS | NS | NS | |
| CMW16 | 4/14/2000 | 0.0 | Sodium | 1.57E+02 | F | NS | NS | NS | NS | |
| CMW16 | 4/14/2000 | 0.0 | Sodium | 1.50E+02 | | NS | NS | NS | NS | |
| CMW16 | 7/27/2000 | 0.0 | Sodium | 1.61E+02 | F | NS | NS | NS | NS | |
| CMW16 | 7/27/2000 | 0.0 | Sodium | 1.62E+02 | | NS | NS | NS | NS | |
| CMW16 | 10/17/2000 | 0.0 | Sodium | 1.61E+02 | F | NS | NS | NS | NS | |
| CMW16 | 10/17/2000 | 0.0 | Sodium | 1.62E+02 | | NS | NS | NS | NS | |
| CMW16 | 1/18/2001 | 0.0 | Sodium | 1.61E+02 | F | NS | NS | NS | NS | |
| CMW16 | 1/18/2001 | 0.0 | Sodium | 1.62E+02 | | NS | NS | NS | NS | |
| CMW16 | 4/25/2001 | 0.0 | Sodium | 1.47E+02 | F | NS | NS | NS | NS | |
| CMW16 | 4/25/2001 | 0.0 | Sodium | 1.45E+02 | | NS | NS | NS | NS | |
| CMW16 | 7/26/2001 | 0.0 | Sodium | 1.50E+02 | F | NS | NS | NS | NS | |
| CMW16 | 7/26/2001 | 0.0 | Sodium | 1.45E+02 | | NS | NS | NS | NS | |
| CMW16 | 10/9/2001 | 0.0 | Sodium | 1.55E+02 | F | NS | NS | NS | NS | |
| CMW16 | 10/9/2001 | 0.0 | Sodium | 1.54E+02 | | NS | NS | NS | NS | |
| CMW16 | 2/22/2002 | 0.0 | Sodium | 1.58E+02 | F | NS | NS | NS | NS | |
| CMW16 | 2/22/2002 | 0.0 | Sodium | 1.54E+02 | | NS | NS | NS | NS | |
| CMW16 | 5/2/2002 | 0.0 | Sodium | 1.57E+02 | F | NS | NS | NS | NS | |
| CMW16 | 5/2/2002 | 0.0 | Sodium | 1.46E+02 | | NS | NS | NS | NS | |
| CMW16 | 7/18/2002 | 0.0 | Sodium | 1.57E+02 | F | NS | NS | NS | NS | |
| CMW16 | 7/18/2002 | 0.0 | Sodium | 1.55E+02 | | NS | NS | NS | NS | |
| CMW16 | 10/25/2002 | 0.0 | Sodium | 1.58E+02 | F | NS | NS | NS | NS | |
| CMW16 | 10/25/2002 | 0.0 | Sodium | 1.60E+02 | | NS | NS | NS | NS | |
| CMW16 | 1/30/2003 | 0.0 | Sodium | 1.39E+02 | F | NS | NS | NS | NS | |
| CMW16 | 1/30/2003 | 0.0 | Sodium | 1.47E+02 | | NS | NS | NS | NS | |
| CMW16 | 4/10/2003 | 0.0 | Sodium | 1.36E+02 | F | NS | NS | NS | NS | |
| CMW16 | 4/10/2003 | 0.0 | Sodium | 1.39E+02 | | NS | NS | NS | NS | |
| CMW16 | 09/01/2005 | 0.0 | Sodium | 173 | F | NS | NS | NS | NS | |
| CMW16 | 09/01/2005 | 0.0 | Sodium | 170 | | NS | NS | NS | NS | |
| CMW16 | 10/21/1998 | 0.0 | Sulfate | 1.18E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW16 | 1/22/1999 | 0.0 | Sulfate | 9.48E+01 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW16 | 7/18/2002 | 0.0 | TNX | 4.00E-04 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW16 | 10/25/2002 | 0.0 | TNX | 1.30E-03 | | NS | NS | NS | | NS | |
| CMW16 | 1/30/2003 | 0.0 | TNX | 1.30E-03 | | NS | NS | NS | | NS | |
| CMW16 | 4/10/2003 | 0.0 | TNX | 1.10E-03 | | NS | NS | NS | | NS | |
| CMW16 | 10/22/1996 | 0.0 | Vanadium | 8.81E-03 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 10/22/1996 | 0.0 | Vanadium | 1.38E-02 | | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 2/10/1997 | 0.0 | Vanadium | 4.66E-02 | D | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 2/10/1997 | 0.0 | Vanadium | 1.75E-02 | DF | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 2/10/1997 | 0.0 | Vanadium | 1.60E-02 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 2/10/1997 | 0.0 | Vanadium | 4.59E-02 | | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 10/21/1998 | 0.0 | Vanadium | 1.26E-02 | FJ | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 10/21/1998 | 0.0 | Vanadium | 5.30E-02 | J | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 1/22/1999 | 0.0 | Vanadium | 1.42E-02 | FJ | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 1/22/1999 | 0.0 | Vanadium | 2.01E-02 | J | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 1/27/2000 | 0.0 | Vanadium | 2.14E-02 | D | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 1/27/2000 | 0.0 | Vanadium | 1.38E-02 | DF | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 1/27/2000 | 0.0 | Vanadium | 1.46E-02 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 1/27/2000 | 0.0 | Vanadium | 2.32E-02 | | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 4/14/2000 | 0.0 | Vanadium | 7.90E-03 | FJ | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 4/14/2000 | 0.0 | Vanadium | 1.85E-02 | J | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 7/27/2000 | 0.0 | Vanadium | 7.20E-03 | FJ | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 7/27/2000 | 0.0 | Vanadium | 1.82E-02 | J | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 10/17/2000 | 0.0 | Vanadium | 1.36E-02 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 10/17/2000 | 0.0 | Vanadium | 1.88E-02 | | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 1/18/2001 | 0.0 | Vanadium | 1.33E-02 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 1/18/2001 | 0.0 | Vanadium | 2.38E-02 | | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 4/25/2001 | 0.0 | Vanadium | 1.41E-02 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 4/25/2001 | 0.0 | Vanadium | 1.34E-02 | | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 7/26/2001 | 0.0 | Vanadium | 1.41E-02 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 7/26/2001 | 0.0 | Vanadium | 1.42E-02 | | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 10/9/2001 | 0.0 | Vanadium | 1.43E-02 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 10/9/2001 | 0.0 | Vanadium | 1.30E-02 | J | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 2/22/2002 | 0.0 | Vanadium | 1.72E-02 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 2/22/2002 | 0.0 | Vanadium | 1.57E-02 | | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 5/2/2002 | 0.0 | Vanadium | 1.59E-02 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 5/2/2002 | 0.0 | Vanadium | 1.44E-02 | | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 7/18/2002 | 0.0 | Vanadium | 1.46E-02 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 7/18/2002 | 0.0 | Vanadium | 1.41E-02 | | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 10/25/2002 | 0.0 | Vanadium | 1.62E-02 | F | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 10/25/2002 | 0.0 | Vanadium | 1.61E-02 | | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 1/30/2003 | 0.0 | Vanadium | 1.52E-02 | FJ | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 1/30/2003 | 0.0 | Vanadium | 1.02E-02 | J | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 09/01/2005 | 0.0 | Vanadium | 0.0112 | J | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 09/01/2005 | 0.0 | Vanadium | 0.0136 | JF | NS | NS | 1.83E-01 | | MSC | |
| CMW16 | 10/22/1996 | 0.0 | Zinc | 1.43E-02 | F | 1.00E+01 | NS | 1.10E+01 | | NMWQCC | |
| CMW16 | 10/22/1996 | 0.0 | Zinc | 6.39E-03 | | 1.00E+01 | NS | 1.10E+01 | | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Zinc | 1.20E-02 | D | 1.00E+01 | NS | 1.10E+01 | | NMWQCC | |
| CMW16 | 2/10/1997 | 0.0 | Zinc | 1.21E-02 | | 1.00E+01 | NS | 1.10E+01 | | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW16 | 10/21/1998 | 0.0 | Zinc | 6.53E-02 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 1/22/1999 | 0.0 | Zinc | 2.38E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 7/27/2000 | 0.0 | Zinc | 5.30E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 7/27/2000 | 0.0 | Zinc | 1.78E-02 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 1/18/2001 | 0.0 | Zinc | 3.78E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 10/9/2001 | 0.0 | Zinc | 5.82E-02 | F | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 2/22/2002 | 0.0 | Zinc | 3.15E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 2/22/2002 | 0.0 | Zinc | 8.73E-04 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 10/25/2002 | 0.0 | Zinc | 3.25E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 10/25/2002 | 0.0 | Zinc | 1.17E-03 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 1/30/2003 | 0.0 | Zinc | 3.70E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 09/01/2005 | 0.0 | Zinc | 0.00754 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW16 | 09/01/2005 | 0.0 | Zinc | 0.00491 | JF | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW17 | 10/19/1996 | 0.0 | Aluminum | 3.52E+00 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Aluminum | 5.87E-02 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Aluminum | 3.76E+00 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW17 | 10/22/1998 | 0.0 | Aluminum | 1.07E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Aluminum | 1.09E+00 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| **CMW17** | **10/22/1998** | **0.0** | **Aluminum** | **5.88E+00** | **J** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW17** | **1/28/1999** | **0.0** | **Aluminum** | **8.82E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW17** | **10/22/1998** | **0.0** | **Ammonia nitrogen** | **2.51E-01** | | **NS** | **NS** | | **2.09E-01** | **MSC** | **YES** |
| CMW17 | 10/19/1996 | 0.0 | Arsenic | 6.01E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW17 | 10/19/1996 | 0.0 | Arsenic | 5.91E-03 | | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW17 | 2/11/1997 | 0.0 | Arsenic | 6.66E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW17 | 2/11/1997 | 0.0 | Arsenic | 7.89E-03 | | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW17 | 10/22/1998 | 0.0 | Arsenic | 6.87E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW17 | 10/22/1998 | 0.0 | Arsenic | 6.50E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW17 | 1/28/1999 | 0.0 | Arsenic | 6.64E-03 | FJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW17 | 1/28/1999 | 0.0 | Arsenic | 9.09E-04 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW17 | 10/19/1996 | 0.0 | Barium | 3.72E-02 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Barium | 1.52E-02 | F | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Barium | 3.90E-02 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW17 | 10/22/1998 | 0.0 | Barium | 2.87E-02 | FJ | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW17 | 10/22/1998 | 0.0 | Barium | 9.84E-02 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Barium | 1.18E-01 | F | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Barium | 7.76E-01 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Beryllium | 1.03E-03 | J | NS | 4.00E-03 | | 7.30E-02 | MCL | |
| **CMW17** | **1/28/1999** | **0.0** | **Boron** | **1.85E+00** | **F** | **7.50E-01** | **NS** | | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW17** | **1/28/1999** | **0.0** | **Boron** | **1.95E+00** | | **7.50E-01** | **NS** | | **7.30E+00** | **NMWQCC** | **YES** |
| CMW17 | 10/19/1996 | 0.0 | Calcium | 4.29E+00 | | NS | NS | | NS | NS | |
| CMW17 | 2/11/1997 | 0.0 | Calcium | 2.54E+00 | F | NS | NS | | NS | NS | |
| CMW17 | 2/11/1997 | 0.0 | Calcium | 4.74E+00 | | NS | NS | | NS | NS | |
| CMW17 | 10/22/1998 | 0.0 | Calcium | 2.38E+00 | FJ | NS | NS | | NS | NS | |
| CMW17 | 10/22/1998 | 0.0 | Calcium | 1.22E+01 | J | NS | NS | | NS | NS | |
| CMW17 | 1/28/1999 | 0.0 | Calcium | 2.29E+00 | F | NS | NS | | NS | NS | |
| CMW17 | 1/28/1999 | 0.0 | Calcium | 6.95E+01 | | NS | NS | | NS | NS | |
| CMW17 | 10/22/1998 | 0.0 | Chloride | 3.09E+01 | | 2.50E+02 | NS | | NS | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW17 | 1/28/1999 | 0.0 | Chloride | 2.73E-02 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW17 | 10/19/1996 | 0.0 | Chromium | 7.17E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Chromium | 1.14E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Chromium | 3.12E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| **CMW17** | **1/28/1999** | **0.0** | **Chromium** | **5.86E-02** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| CMW17 | 10/19/1996 | 0.0 | Cobalt | 1.85E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW17 | 10/19/1996 | 0.0 | Cobalt | 2.66E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Cobalt | 1.27E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW17 | 10/19/1996 | 0.0 | Copper | 1.26E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Copper | 1.84E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Copper | 3.34E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Copper | 1.36E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Fluoride | 2.36E-03 | | 1.60E+00 | 4.00E+00 | 2.19E+00 | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Iron | 5.01E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **CMW17** | **10/19/1996** | **0.0** | **Iron** | **2.17E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW17** | **2/11/1997** | **0.0** | **Iron** | **2.20E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW17** | **10/22/1998** | **0.0** | **Iron** | **3.73E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW17** | **1/28/1999** | **0.0** | **Iron** | **4.63E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| CMW17 | 2/11/1997 | 0.0 | Lead | 1.61E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW17 | 10/22/1998 | 0.0 | Lead | 1.91E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW17 | 1/28/1999 | 0.0 | Lead | 1.05E-03 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW17 | 1/28/1999 | 0.0 | Lead | 9.46E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW17 | 10/19/1996 | 0.0 | Magnesium | 2.13E+00 | | NS | NS | NS | NS | |
| CMW17 | 2/11/1997 | 0.0 | Magnesium | 1.12E+00 | F | NS | NS | NS | NS | |
| CMW17 | 2/11/1997 | 0.0 | Magnesium | 2.24E+00 | | NS | NS | NS | NS | |
| CMW17 | 10/22/1998 | 0.0 | Magnesium | 1.20E+00 | FJ | NS | NS | NS | NS | |
| CMW17 | 10/22/1998 | 0.0 | Magnesium | 3.40E+00 | J | NS | NS | NS | NS | |
| CMW17 | 1/28/1999 | 0.0 | Magnesium | 1.21E+00 | F | NS | NS | NS | NS | |
| CMW17 | 1/28/1999 | 0.0 | Magnesium | 2.83E+01 | | NS | NS | NS | NS | |
| CMW17 | 10/19/1996 | 0.0 | Manganese | 2.12E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Manganese | 5.48E-04 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Manganese | 2.40E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW17 | 10/22/1998 | 0.0 | Manganese | 7.78E-02 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Manganese | 2.80E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| **CMW17** | **1/28/1999** | **0.0** | **Manganese** | **7.67E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| CMW17 | 10/19/1996 | 0.0 | Nickel | 4.69E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW17 | 2/11/1997 | 0.0 | Nickel | 1.47E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW17 | 10/22/1998 | 0.0 | Nitrate | 1.79E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW17 | 1/28/1999 | 0.0 | Nitrate | 5.00E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW17 | 10/19/1996 | 0.0 | Potassium | 2.09E+00 | | NS | NS | NS | NS | |
| CMW17 | 2/11/1997 | 0.0 | Potassium | 1.77E+00 | F | NS | NS | NS | NS | |
| CMW17 | 2/11/1997 | 0.0 | Potassium | 2.81E+00 | | NS | NS | NS | NS | |
| CMW17 | 10/22/1998 | 0.0 | Potassium | 1.61E+00 | FJ | NS | NS | NS | NS | |
| CMW17 | 10/22/1998 | 0.0 | Potassium | 3.20E+00 | J | NS | NS | NS | NS | |
| CMW17 | 1/28/1999 | 0.0 | Potassium | 2.45E+01 | | NS | NS | NS | NS | |
| CMW17 | 2/11/1997 | 0.0 | RDX | 2.64E-04 | | NS | NS | 6.11E-04 | MSC | |
| CMW17 | 10/22/1998 | 0.0 | RDX | 4.07E-04 | | NS | NS | 6.11E-04 | MSC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW17 | 1/28/1999 | 0.0 | RDX | 2.86E-04 | | NS | NS | 6.11E-04 | MSC | |
| CMW17 | 10/19/1996 | 0.0 | Selenium | 2.93E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW17 | 10/22/1998 | 0.0 | Selenium | 2.78E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW17 | 10/22/1998 | 0.0 | Selenium | 3.10E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW17 | 2/11/1997 | 0.0 | Silver | 1.15E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Silver | 5.49E-03 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW17 | 10/19/1996 | 0.0 | Sodium | 2.33E+02 | | NS | NS | NS | NS | |
| CMW17 | 2/11/1997 | 0.0 | Sodium | 2.28E+02 | F | NS | NS | NS | NS | |
| CMW17 | 2/11/1997 | 0.0 | Sodium | 2.38E+02 | | NS | NS | NS | NS | |
| CMW17 | 10/22/1998 | 0.0 | Sodium | 2.44E+02 | F | NS | NS | NS | NS | |
| CMW17 | 10/22/1998 | 0.0 | Sodium | 2.35E+02 | | NS | NS | NS | NS | |
| CMW17 | 1/28/1999 | 0.0 | Sodium | 2.40E+02 | F | NS | NS | NS | NS | |
| CMW17 | 1/28/1999 | 0.0 | Sodium | 2.48E+02 | | NS | NS | NS | NS | |
| CMW17 | 10/22/1998 | 0.0 | Sulfate | 1.28E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Sulfate | 1.24E-01 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW17 | 10/19/1996 | 0.0 | Vanadium | 3.46E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW17 | 2/11/1997 | 0.0 | Vanadium | 4.07E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW17 | 2/11/1997 | 0.0 | Vanadium | 4.35E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW17 | 10/22/1998 | 0.0 | Vanadium | 3.48E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW17 | 10/22/1998 | 0.0 | Vanadium | 4.75E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW17 | 1/28/1999 | 0.0 | Vanadium | 7.62E-02 | F | NS | NS | 1.83E-01 | MSC | |
| **CMW17** | **1/28/1999** | **0.0** | **Vanadium** | **2.05E-01** | | **NS** | **NS** | **1.83E-01** | **MSC** | **YES** |
| CMW17 | 10/19/1996 | 0.0 | Zinc | 4.67E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Zinc | 1.63E-02 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW17 | 1/28/1999 | 0.0 | Zinc | 8.23E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW18 | 10/19/1996 | 0.0 | 2,4,6-Trinitrotoluene | 3.14E-04 | | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 2/11/1997 | 0.0 | 2,4,6-Trinitrotoluene | 5.14E-04 | | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 10/20/1998 | 0.0 | 2,4,6-Trinitrotoluene | 2.87E-04 | | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 1/27/1999 | 0.0 | 2,4,6-Trinitrotoluene | 2.86E-04 | | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 1/27/2000 | 0.0 | 2,4,6-Trinitrotoluene | 4.51E-04 | | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 4/17/2000 | 0.0 | 2,4,6-Trinitrotoluene | 2.06E-04 | DJ | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 4/17/2000 | 0.0 | 2,4,6-Trinitrotoluene | 2.74E-04 | | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 10/19/2000 | 0.0 | 2,4,6-Trinitrotoluene | 2.41E-04 | J | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 10/19/2000 | 0.0 | 2,4,6-Trinitrotoluene | 2.82E-04 | | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 1/22/2001 | 0.0 | 2,4,6-Trinitrotoluene | 1.21E-04 | DJ | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 1/22/2001 | 0.0 | 2,4,6-Trinitrotoluene | 1.35E-04 | J | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 4/25/2001 | 0.0 | 2,4,6-Trinitrotoluene | 1.80E-04 | DJ | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 4/25/2001 | 0.0 | 2,4,6-Trinitrotoluene | 1.90E-04 | J | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 10/12/2001 | 0.0 | 2,4,6-Trinitrotoluene | 1.98E-04 | DJ | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 10/12/2001 | 0.0 | 2,4,6-Trinitrotoluene | 1.86E-04 | J | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 2/22/2002 | 0.0 | 2,4,6-Trinitrotoluene | 1.71E-04 | DJ | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 5/3/2002 | 0.0 | 2,4,6-Trinitrotoluene | 2.05E-04 | DJ | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 5/3/2002 | 0.0 | 2,4,6-Trinitrotoluene | 2.46E-04 | J | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | 2,4,6-Trinitrotoluene | 1.40E-04 | DJ | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | 2,4,6-Trinitrotoluene | 2.47E-04 | J | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | 2,4,6-Trinitrotoluene | 1.30E-04 | J | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 10/28/2002 | 0.0 | 2,4,6-Trinitrotoluene | 1.00E-04 | DJ | NS | NS | 2.24E-03 | MSC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 10/28/2002 | 0.0 | 2,4,6-Trinitrotoluene | 1.00E-04 | J | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 1/31/2003 | 0.0 | 2,4,6-Trinitrotoluene | 8.10E-05 | DJ | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 1/31/2003 | 0.0 | 2,4,6-Trinitrotoluene | 9.20E-05 | J | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | 2,4,6-Trinitrotoluene | 5.80E-05 | DJ | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | 2,4,6-Trinitrotoluene | 4.50E-05 | J | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 8/31/2005 | 0.0 | 2,4,6-Trinitrotoluene | 0.00016 | J | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 8/31/2005 | 0.0 | 2,4,6-Trinitrotoluene | 0.00017 | JD | NS | NS | 2.24E-03 | MSC | |
| CMW18 | 10/20/1998 | 0.0 | 2,4-Dinitrotoluene | 1.03E-04 | | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 1/27/1999 | 0.0 | 2,4-Dinitrotoluene | 9.64E-05 | J | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 1/22/2001 | 0.0 | 2,4-Dinitrotoluene | 3.94E-04 | J | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 4/25/2001 | 0.0 | 2,4-Dinitrotoluene | 1.10E-04 | DJ | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 4/25/2001 | 0.0 | 2,4-Dinitrotoluene | 1.20E-04 | J | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 5/3/2002 | 0.0 | 2,4-Dinitrotoluene | 9.96E-05 | DJ | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | 2,4-Dinitrotoluene | 9.10E-05 | DJ | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | 2,4-Dinitrotoluene | 1.11E-04 | J | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | 2,4-Dinitrotoluene | 8.00E-05 | J | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 10/28/2002 | 0.0 | 2,4-Dinitrotoluene | 5.50E-05 | DJ | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 10/28/2002 | 0.0 | 2,4-Dinitrotoluene | 5.90E-05 | J | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 1/31/2003 | 0.0 | 2,4-Dinitrotoluene | 3.80E-05 | DJ | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 1/31/2003 | 0.0 | 2,4-Dinitrotoluene | 6.30E-05 | J | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | 2,4-Dinitrotoluene | 6.90E-05 | DJ | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | 2,4-Dinitrotoluene | 6.60E-05 | J | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 8/31/2005 | 0.0 | 2,4-Dinitrotoluene | 0.00012 | J | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 8/31/2005 | 0.0 | 2,4-Dinitrotoluene | 0.00012 | JD | NS | NS | 7.30E-02 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | 2,6-Dinitrotoluene | 2.20E-04 | DJ | NS | NS | 3.65E-02 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | 2,6-Dinitrotoluene | 1.70E-04 | J | NS | NS | 3.65E-02 | MSC | |
| CMW18 | 10/19/1996 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.49E-03 | J | NS | NS | NS | NS | |
| CMW18 | 2/11/1997 | 0.0 | 2-Amino-4,6-dinitrotoluene | 4.39E-03 | J | NS | NS | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | 2-Amino-4,6-dinitrotoluene | 3.23E-03 | | NS | NS | NS | NS | |
| CMW18 | 1/27/1999 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.94E-03 | | NS | NS | NS | NS | |
| CMW18 | 1/27/2000 | 0.0 | 2-Amino-4,6-dinitrotoluene | 3.60E-03 | | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | 2-Amino-4,6-dinitrotoluene | 3.75E-03 | D | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | 2-Amino-4,6-dinitrotoluene | 4.18E-03 | | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | 2-Amino-4,6-dinitrotoluene | 3.56E-03 | | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | 2-Amino-4,6-dinitrotoluene | 3.69E-03 | | NS | NS | NS | NS | |
| CMW18 | 1/22/2001 | 0.0 | 2-Amino-4,6-dinitrotoluene | 3.74E-03 | D | NS | NS | NS | NS | |
| CMW18 | 1/22/2001 | 0.0 | 2-Amino-4,6-dinitrotoluene | 3.56E-03 | | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.90E-03 | D | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.80E-03 | | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.97E-03 | D | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.12E-03 | | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.05E-03 | D | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.51E-03 | | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.92E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.81E-03 | J | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.26E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.35E-03 | J | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 7/19/2002 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.70E-03 | D | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.68E-03 | | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.60E-03 | | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.20E-03 | D | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.20E-03 | | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.90E-03 | D | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.90E-03 | | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | 2-Amino-4,6-dinitrotoluene | 2.00E-03 | D | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | 2-Amino-4,6-dinitrotoluene | 1.80E-03 | | NS | NS | NS | NS | |
| CMW18 | 8/31/2005 | 0.0 | 2-Amino-4,6-dinitrotoluene | 0.0033 | D | NS | NS | NS | NS | |
| CMW18 | 8/31/2005 | 0.0 | 2-Amino-4,6-dinitrotoluene | 0.0031 | | NS | NS | NS | NS | |
| CMW18 | 10/19/1996 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.18E-03 | J | NS | NS | NS | NS | |
| CMW18 | 2/11/1997 | 0.0 | 4-Amino-2,6-dinitrotoluene | 5.95E-03 | J | NS | NS | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.19E-03 | | NS | NS | NS | NS | |
| CMW18 | 1/27/1999 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.81E-03 | | NS | NS | NS | NS | |
| CMW18 | 1/27/2000 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.84E-03 | | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.92E-03 | D | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | 4-Amino-2,6-dinitrotoluene | 5.49E-03 | | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.80E-03 | | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | 4-Amino-2,6-dinitrotoluene | 5.01E-03 | | NS | NS | NS | NS | |
| CMW18 | 1/22/2001 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.61E-03 | D | NS | NS | NS | NS | |
| CMW18 | 1/22/2001 | 0.0 | 4-Amino-2,6-dinitrotoluene | 4.68E-03 | | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.60E-03 | D | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.60E-03 | | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.54E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.66E-03 | J | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.78E-03 | D | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.12E-03 | | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.76E-03 | D | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.60E-03 | | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.12E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.16E-03 | J | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.10E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.00E-03 | J | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.37E-03 | | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.80E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.90E-03 | J | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.50E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.60E-03 | J | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.60E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | 4-Amino-2,6-dinitrotoluene | 2.40E-03 | J | NS | NS | NS | NS | |
| CMW18 | 8/31/2005 | 0.0 | 4-Amino-2,6-dinitrotoluene | 0.004 | J | NS | NS | NS | NS | |
| CMW18 | 8/31/2005 | 0.0 | 4-Amino-2,6-dinitrotoluene | 0.0042 | JD | NS | NS | NS | NS | |
| CMW18 | 2/11/1997 | 0.0 | Aluminum | 2.65E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 10/20/1998 | 0.0 | Aluminum | 5.16E-02 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 1/27/1999 | 0.0 | Aluminum | 7.02E-02 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 1/27/2000 | 0.0 | Aluminum | 1.33E-01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 4/17/2000 | 0.0 | Aluminum | 1.32E-01 | DFJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 4/17/2000 | 0.0 | Aluminum | 1.56E-01 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 7/27/2000 | 0.0 | Aluminum | 1.13E-01 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Aluminum | 2.36E-01 | DFJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Aluminum | 1.23E-01 | DFJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Aluminum | 7.44E-02 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 4/25/2001 | 0.0 | Aluminum | 2.34E-01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 10/12/2001 | 0.0 | Aluminum | 1.04E-01 | DJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 10/12/2001 | 0.0 | Aluminum | 1.11E-01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Aluminum | 5.91E-02 | DJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Aluminum | 1.77E-01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 5/3/2002 | 0.0 | Aluminum | 5.79E-01 | D | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 5/3/2002 | 0.0 | Aluminum | 1.01E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Aluminum | 2.79E-01 | D | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Aluminum | 4.43E-02 | DFJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Aluminum | 2.13E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 1/31/2003 | 0.0 | Aluminum | 7.82E-02 | DJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 1/31/2003 | 0.0 | Aluminum | 7.72E-02 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Aluminum | 1.40E+00 | D | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Aluminum | 5.31E-01 | DF | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Aluminum | 5.14E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Aluminum | 1.63E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 08/31/2005 | 0.0 | Aluminum | 0.39 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW18 | 08/31/2005 | 0.0 | Aluminum | 0.0785 | JD | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **CMW18** | **10/19/1996** | **0.0** | **Aluminum** | **6.38E+00** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW18** | **10/20/1998** | **0.0** | **Aluminum** | **2.43E+01** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW18** | **1/27/1999** | **0.0** | **Aluminum** | **2.14E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW18** | **4/17/2000** | **0.0** | **Aluminum** | **6.34E+00** | **D** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW18** | **4/17/2000** | **0.0** | **Aluminum** | **1.04E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW18** | **7/27/2000** | **0.0** | **Aluminum** | **8.33E+00** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW18** | **10/19/2000** | **0.0** | **Aluminum** | **1.98E+01** | **D** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW18** | **10/19/2000** | **0.0** | **Aluminum** | **2.11E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW18** | **1/17/2001** | **0.0** | **Aluminum** | **1.02E+01** | **DJ** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW18** | **1/17/2001** | **0.0** | **Aluminum** | **1.85E+01** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| CMW18 | 10/20/1998 | 0.0 | Ammonia nitrogen | 6.52E-02 | | NS | NS | 2.09E-01 | MSC | |
| CMW18 | 1/27/1999 | 0.0 | Ammonia nitrogen | 2.50E-02 | J | NS | NS | 2.09E-01 | MSC | |
| CMW18 | 10/12/2001 | 0.0 | Antimony | 9.36E-04 | DFJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW18 | 10/12/2001 | 0.0 | Antimony | 1.08E-03 | FJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW18 | 10/19/1996 | 0.0 | Arsenic | 1.11E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 10/20/1998 | 0.0 | Arsenic | 2.17E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Arsenic | 1.02E-03 | DFJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Arsenic | 9.58E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 1/17/2001 | 0.0 | Arsenic | 4.42E-04 | DJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 1/17/2001 | 0.0 | Arsenic | 6.12E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 1/17/2001 | 0.0 | Arsenic | 6.60E-04 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 4/25/2001 | 0.0 | Arsenic | 1.00E-03 | DFJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 4/25/2001 | 0.0 | Arsenic | 9.40E-04 | DJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 4/25/2001 | 0.0 | Arsenic | 9.80E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 4/25/2001 | 0.0 | Arsenic | 9.50E-04 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 10/12/2001 | 0.0 | Arsenic | 1.75E-03 | DFJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 10/12/2001 | 0.0 | Arsenic | 1.54E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 5/3/2002 | 0.0 | Arsenic | 4.41E-04 | DFJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 7/19/2002 | 0.0 | Arsenic | 6.00E-04 | DFJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 7/19/2002 | 0.0 | Arsenic | 5.25E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 10/28/2002 | 0.0 | Arsenic | 1.52E-03 | DFJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 10/28/2002 | 0.0 | Arsenic | 1.27E-03 | DJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 10/28/2002 | 0.0 | Arsenic | 1.26E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 10/28/2002 | 0.0 | Arsenic | 1.65E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 1/31/2003 | 0.0 | Arsenic | 1.16E-03 | DFJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 1/31/2003 | 0.0 | Arsenic | 7.56E-04 | DJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 1/31/2003 | 0.0 | Arsenic | 9.78E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Arsenic | 0.000972 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Arsenic | 0.000933 | JD | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Arsenic | 0.000752 | JDF | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Arsenic | 0.000908 | JF | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW18 | 10/19/1996 | 0.0 | Barium | 1.50E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 2/11/1997 | 0.0 | Barium | 6.87E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 2/11/1997 | 0.0 | Barium | 1.01E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/20/1998 | 0.0 | Barium | 6.24E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/20/1998 | 0.0 | Barium | 3.69E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/27/1999 | 0.0 | Barium | 1.61E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/27/1999 | 0.0 | Barium | 3.30E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/27/2000 | 0.0 | Barium | 5.33E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/27/2000 | 0.0 | Barium | 5.58E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/17/2000 | 0.0 | Barium | 5.06E-02 | DFJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/17/2000 | 0.0 | Barium | 1.41E-01 | DJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/17/2000 | 0.0 | Barium | 4.99E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/17/2000 | 0.0 | Barium | 1.94E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 7/27/2000 | 0.0 | Barium | 4.96E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 7/27/2000 | 0.0 | Barium | 2.79E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Barium | 3.83E-01 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Barium | 6.32E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Barium | 5.91E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Barium | 3.73E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Barium | 5.83E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Barium | 1.58E-01 | DJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Barium | 5.26E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Barium | 2.54E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/25/2001 | 0.0 | Barium | 5.90E-02 | DFJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/25/2001 | 0.0 | Barium | 5.59E-02 | DJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/25/2001 | 0.0 | Barium | 5.92E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/25/2001 | 0.0 | Barium | 6.11E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 7/26/2001 | 0.0 | Barium | 5.65E-02 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 7/26/2001 | 0.0 | Barium | 5.60E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 7/26/2001 | 0.0 | Barium | 5.50E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 7/26/2001 | 0.0 | Barium | 5.59E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/12/2001 | 0.0 | Barium | 5.49E-02 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/12/2001 | 0.0 | Barium | 5.65E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/12/2001 | 0.0 | Barium | 5.57E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/12/2001 | 0.0 | Barium | 5.55E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Barium | 5.11E-02 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Barium | 5.48E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Barium | 5.46E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Barium | 5.50E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 5/3/2002 | 0.0 | Barium | 5.44E-02 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 5/3/2002 | 0.0 | Barium | 5.46E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 5/3/2002 | 0.0 | Barium | 5.50E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 5/3/2002 | 0.0 | Barium | 6.07E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Barium | 6.01E-02 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Barium | 5.30E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Barium | 5.20E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Barium | 5.83E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Barium | 5.52E-02 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Barium | 5.46E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Barium | 5.47E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Barium | 5.50E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/31/2003 | 0.0 | Barium | 4.87E-02 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/31/2003 | 0.0 | Barium | 4.99E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/31/2003 | 0.0 | Barium | 4.91E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 1/31/2003 | 0.0 | Barium | 4.88E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Barium | 5.90E-02 | DJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Barium | 5.17E-02 | DJF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Barium | 5.05E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Barium | 6.82E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 08/31/2005 | 0.0 | Barium | 0.0511 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 08/31/2005 | 0.0 | Barium | 0.0517 | JDF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 08/31/2005 | 0.0 | Barium | 0.0542 | JF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 08/31/2005 | 0.0 | Barium | 0.0572 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW18 | 10/19/1996 | 0.0 | Beryllium | 2.11E-04 | | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW18 | 10/20/1998 | 0.0 | Beryllium | 2.83E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW18 | 1/27/1999 | 0.0 | Beryllium | 3.28E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Beryllium | 9.50E-04 | DJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Beryllium | 6.72E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW18 | 1/17/2001 | 0.0 | Beryllium | 4.21E-04 | DJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW18 | 1/17/2001 | 0.0 | Beryllium | 8.96E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW18 | 5/3/2002 | 0.0 | Beryllium | 4.80E-04 | DFJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW18 | 4/11/2003 | 0.0 | Beryllium | 1.83E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW18 | 1/27/1999 | 0.0 | Boron | 4.76E-01 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| CMW18 | 1/27/1999 | 0.0 | Boron | 5.13E-01 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Cadmium | 1.37E-04 | FJ | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW18 | 10/19/1996 | 0.0 | Calcium | 7.22E+01 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 2/11/1997 | 0.0 | Calcium | 6.33E+01 | F | NS | NS | NS | NS | |
| CMW18 | 2/11/1997 | 0.0 | Calcium | 6.45E+01 | | NS | NS | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | Calcium | 5.57E+01 | FJ | NS | NS | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | Calcium | 1.37E+02 | J | NS | NS | NS | NS | |
| CMW18 | 1/27/1999 | 0.0 | Calcium | 5.58E+01 | F | NS | NS | NS | NS | |
| CMW18 | 1/27/1999 | 0.0 | Calcium | 1.30E+02 | | NS | NS | NS | NS | |
| CMW18 | 1/27/2000 | 0.0 | Calcium | 5.57E+01 | F | NS | NS | NS | NS | |
| CMW18 | 1/27/2000 | 0.0 | Calcium | 5.58E+01 | | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Calcium | 7.88E+01 | D | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Calcium | 5.10E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Calcium | 4.96E+01 | F | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Calcium | 9.45E+01 | | NS | NS | NS | NS | |
| CMW18 | 7/27/2000 | 0.0 | Calcium | 5.30E+01 | F | NS | NS | NS | NS | |
| CMW18 | 7/27/2000 | 0.0 | Calcium | 1.08E+02 | | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Calcium | 1.39E+02 | D | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Calcium | 6.95E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Calcium | 6.72E+01 | F | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Calcium | 1.29E+02 | | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Calcium | 5.75E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Calcium | 1.35E+02 | DJ | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Calcium | 5.54E+01 | F | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Calcium | 2.17E+02 | J | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Calcium | 5.58E+01 | D | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Calcium | 5.59E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Calcium | 5.95E+01 | F | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Calcium | 5.44E+01 | | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Calcium | 5.21E+01 | D | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Calcium | 5.33E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Calcium | 5.16E+01 | F | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Calcium | 4.80E+01 | | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Calcium | 4.99E+01 | D | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Calcium | 5.05E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Calcium | 5.01E+01 | F | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Calcium | 4.96E+01 | | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Calcium | 4.99E+01 | D | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Calcium | 5.01E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Calcium | 5.02E+01 | F | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Calcium | 5.09E+01 | | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Calcium | 5.05E+01 | D | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Calcium | 5.04E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Calcium | 5.01E+01 | F | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Calcium | 5.03E+01 | | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Calcium | 5.14E+01 | D | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Calcium | 4.97E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Calcium | 4.92E+01 | F | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Calcium | 5.05E+01 | | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | Calcium | 4.82E+01 | D | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 10/28/2002 | 0.0 | Calcium | 4.77E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | Calcium | 4.80E+01 | F | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | Calcium | 4.85E+01 | | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | Calcium | 4.84E+01 | DFJ | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | Calcium | 4.63E+01 | DJ | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | Calcium | 4.63E+01 | FJ | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | Calcium | 4.61E+01 | J | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | Calcium | 4.88E+01 | D | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | Calcium | 4.68E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | Calcium | 4.67E+01 | F | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | Calcium | 4.93E+01 | | NS | NS | NS | NS | |
| CMW18 | 08/31/2005 | 0.0 | Calcium | 50.1 | D | NS | NS | NS | NS | |
| CMW18 | 08/31/2005 | 0.0 | Calcium | 51 | JDF | NS | NS | NS | NS | |
| CMW18 | 08/31/2005 | 0.0 | Calcium | 50.1 | JF | NS | NS | NS | NS | |
| CMW18 | 08/31/2005 | 0.0 | Calcium | 54.6 | | NS | NS | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | Chloride | 2.81E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW18 | 1/27/1999 | 0.0 | Chloride | 2.34E-02 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW18 | 10/19/1996 | 0.0 | Chromium | 4.19E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 2/11/1997 | 0.0 | Chromium | 3.97E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 10/20/1998 | 0.0 | Chromium | 2.32E-02 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 1/27/1999 | 0.0 | Chromium | 2.04E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 4/17/2000 | 0.0 | Chromium | 8.00E-03 | DJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 4/17/2000 | 0.0 | Chromium | 1.13E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Chromium | 5.62E-04 | DFJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Chromium | 1.20E-03 | DJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Chromium | 4.17E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Chromium | 1.37E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Chromium | 3.30E-03 | DJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Chromium | 1.24E-02 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Chromium | 3.56E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Chromium | 2.92E-04 | DJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Chromium | 2.86E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW18 | 10/19/1996 | 0.0 | Cobalt | 1.86E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 2/11/1997 | 0.0 | Cobalt | 1.03E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 1/27/2000 | 0.0 | Cobalt | 4.87E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 1/27/2000 | 0.0 | Cobalt | 6.37E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Cobalt | 5.01E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Cobalt | 8.25E-05 | DJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Cobalt | 1.80E-04 | DFJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Cobalt | 2.56E-04 | DJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Cobalt | 2.08E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Cobalt | 2.46E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Cobalt | 3.99E-04 | DJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Cobalt | 3.41E-04 | DJF | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Cobalt | 3.06E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Cobalt | 4.51E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 2/11/1997 | 0.0 | Copper | 2.24E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 10/20/1998 | 0.0 | Copper | 6.99E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Copper | 8.32E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | DNX | 1.50E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | DNX | 1.50E-03 | J | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | DNX | 1.50E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | DNX | 1.50E-03 | J | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | DNX | 1.30E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | DNX | 1.30E-03 | J | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | DNX | 1.20E-03 | D | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | DNX | 1.30E-03 | | NS | NS | NS | NS | |
| CMW18 | 8/31/2005 | 0.0 | DNX | 0.0014 | J | NS | NS | NS | NS | |
| CMW18 | 8/31/2005 | 0.0 | DNX | 0.0014 | JD | NS | NS | NS | NS | |
| CMW18 | 1/27/1999 | 0.0 | Fluoride | 1.38E-03 | | 1.60E+00 | 4.00E+00 | 2.19E+00 | NMWQCC | |
| CMW18 | 10/19/1996 | 0.0 | HMX | 2.54E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 2/11/1997 | 0.0 | HMX | 3.72E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 10/20/1998 | 0.0 | HMX | 2.26E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 1/27/1999 | 0.0 | HMX | 1.94E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 1/27/2000 | 0.0 | HMX | 2.28E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 4/17/2000 | 0.0 | HMX | 2.35E-02 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 4/17/2000 | 0.0 | HMX | 2.57E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 10/19/2000 | 0.0 | HMX | 2.24E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 10/19/2000 | 0.0 | HMX | 2.30E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 1/22/2001 | 0.0 | HMX | 2.29E-02 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 1/22/2001 | 0.0 | HMX | 2.35E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 4/25/2001 | 0.0 | HMX | 1.90E-02 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 4/25/2001 | 0.0 | HMX | 1.90E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 7/26/2001 | 0.0 | HMX | 1.72E-02 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 7/26/2001 | 0.0 | HMX | 1.83E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 10/12/2001 | 0.0 | HMX | 1.42E-02 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 10/12/2001 | 0.0 | HMX | 1.49E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 2/22/2002 | 0.0 | HMX | 1.47E-02 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 2/22/2002 | 0.0 | HMX | 1.41E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 5/3/2002 | 0.0 | HMX | 1.53E-02 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 5/3/2002 | 0.0 | HMX | 1.53E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | HMX | 1.40E-02 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | HMX | 1.70E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | HMX | 1.40E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 10/28/2002 | 0.0 | HMX | 1.70E-02 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 10/28/2002 | 0.0 | HMX | 1.70E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 1/31/2003 | 0.0 | HMX | 1.40E-02 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 1/31/2003 | 0.0 | HMX | 1.50E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | HMX | 1.40E-02 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | HMX | 1.40E-02 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 8/31/2005 | 0.0 | HMX | 0.022 | D | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 8/31/2005 | 0.0 | HMX | 0.021 | | NS | NS | 1.83E+00 | MSC | |
| CMW18 | 1/27/2000 | 0.0 | Iron | 6.93E-02 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Iron | 1.32E-01 | DFJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 10/19/2000 | 0.0 | Iron | 1.56E-01 | FJ | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 4/25/2001 | 0.0 | Iron | 3.35E-02 | DJ | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 4/25/2001 | 0.0 | Iron | 1.35E-01 | J | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 10/12/2001 | 0.0 | Iron | 8.04E-02 | D | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 10/12/2001 | 0.0 | Iron | 7.23E-02 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Iron | 5.44E-02 | DF | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Iron | 6.72E-02 | DJ | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Iron | 9.18E-02 | F | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Iron | 1.31E-01 | J | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 5/3/2002 | 0.0 | Iron | 2.86E-01 | DJ | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 5/3/2002 | 0.0 | Iron | 7.45E-01 | J | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Iron | 1.51E-01 | D | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Iron | 4.47E-02 | DFJ | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Iron | 1.20E-01 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Iron | 7.34E-01 | D | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Iron | 2.99E-01 | DF | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| CMW18 | 4/11/2003 | 0.0 | Iron | 8.38E-01 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| **CMW18** | **10/19/1996** | **0.0** | **Iron** | **3.43E+00** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW18** | **2/11/1997** | **0.0** | **Iron** | **1.48E+00** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW18** | **10/20/1998** | **0.0** | **Iron** | **1.45E+01** | **J** | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW18** | **1/27/1999** | **0.0** | **Iron** | **1.09E+01** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW18** | **4/17/2000** | **0.0** | **Iron** | **3.78E+00** | **D** | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW18** | **4/17/2000** | **0.0** | **Iron** | **6.71E+00** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW18** | **7/27/2000** | **0.0** | **Iron** | **4.17E+00** | **J** | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW18** | **10/19/2000** | **0.0** | **Iron** | **9.51E+00** | **D** | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW18** | **10/19/2000** | **0.0** | **Iron** | **1.03E+01** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW18** | **1/17/2001** | **0.0** | **Iron** | **4.89E+00** | **DJ** | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW18** | **1/17/2001** | **0.0** | **Iron** | **8.79E+00** | **J** | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| CMW18 | 10/19/1996 | 0.0 | Lead | 1.18E-03 | | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 10/20/1998 | 0.0 | Lead | 5.80E-03 | J | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 1/27/1999 | 0.0 | Lead | 5.21E-03 | | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 7/27/2000 | 0.0 | Lead | 3.20E-03 | | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Lead | 3.40E-03 | D | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Lead | 3.49E-03 | | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 1/17/2001 | 0.0 | Lead | 4.34E-03 | DJ | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 1/17/2001 | 0.0 | Lead | 9.43E-03 | J | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 1/31/2003 | 0.0 | Lead | 1.52E-04 | J | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 4/11/2003 | 0.0 | Lead | 2.61E-04 | DJ | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 4/11/2003 | 0.0 | Lead | 1.84E-04 | DJF | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 4/11/2003 | 0.0 | Lead | 1.52E-04 | FJ | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 4/11/2003 | 0.0 | Lead | 3.04E-04 | J | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| CMW18 | 10/19/1996 | 0.0 | Magnesium | 1.60E+01 | F | NS | NS | | NS | NS | |
| CMW18 | 10/19/1996 | 0.0 | Magnesium | 2.02E+01 | J | NS | NS | | NS | NS | |
| CMW18 | 2/11/1997 | 0.0 | Magnesium | 1.77E+01 | F | NS | NS | | NS | NS | |
| CMW18 | 2/11/1997 | 0.0 | Magnesium | 1.80E+01 | | NS | NS | | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | Magnesium | 1.62E+01 | FJ | NS | NS | | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | Magnesium | 3.39E+01 | J | NS | NS | | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 1/27/1999 | 0.0 | Magnesium | 1.48E+01 | F | NS | NS | NS | NS | |
| CMW18 | 1/27/1999 | 0.0 | Magnesium | 2.93E+01 | | NS | NS | NS | NS | |
| CMW18 | 1/27/2000 | 0.0 | Magnesium | 1.53E+01 | F | NS | NS | NS | NS | |
| CMW18 | 1/27/2000 | 0.0 | Magnesium | 1.52E+01 | | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Magnesium | 1.41E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Magnesium | 1.38E+01 | F | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Magnesium | 2.16E+01 | | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Magnesium | 1.91E+01 | | NS | NS | NS | NS | |
| CMW18 | 7/27/2000 | 0.0 | Magnesium | 1.51E+01 | F | NS | NS | NS | NS | |
| CMW18 | 7/27/2000 | 0.0 | Magnesium | 2.47E+01 | | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Magnesium | 3.00E+01 | D | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Magnesium | 1.76E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Magnesium | 1.71E+01 | F | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Magnesium | 2.92E+01 | | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Magnesium | 1.67E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Magnesium | 2.63E+01 | DJ | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Magnesium | 1.70E+01 | F | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Magnesium | 3.64E+01 | J | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Magnesium | 1.56E+01 | D | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Magnesium | 1.64E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Magnesium | 1.66E+01 | F | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Magnesium | 1.55E+01 | | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Magnesium | 1.51E+01 | D | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Magnesium | 1.54E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Magnesium | 1.51E+01 | F | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Magnesium | 1.48E+01 | | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Magnesium | 1.45E+01 | D | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Magnesium | 1.51E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Magnesium | 1.51E+01 | F | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Magnesium | 1.45E+01 | | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Magnesium | 1.40E+01 | D | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Magnesium | 1.45E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Magnesium | 1.45E+01 | F | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Magnesium | 1.43E+01 | | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Magnesium | 1.47E+01 | D | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Magnesium | 1.47E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Magnesium | 1.47E+01 | F | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Magnesium | 1.48E+01 | | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Magnesium | 1.51E+01 | D | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Magnesium | 1.44E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Magnesium | 1.43E+01 | F | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Magnesium | 1.47E+01 | | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | Magnesium | 1.47E+01 | D | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | Magnesium | 1.45E+01 | DF | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | Magnesium | 1.46E+01 | F | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | Magnesium | 1.48E+01 | | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | Magnesium | 1.41E+01 | D | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 1/31/2003 | 0.0 | Magnesium | 1.46E+01 | DF | NS | NS | NS | | NS | |
| CMW18 | 1/31/2003 | 0.0 | Magnesium | 1.41E+01 | F | NS | NS | NS | | NS | |
| CMW18 | 1/31/2003 | 0.0 | Magnesium | 1.41E+01 | | NS | NS | NS | | NS | |
| CMW18 | 4/11/2003 | 0.0 | Magnesium | 1.44E+01 | D | NS | NS | NS | | NS | |
| CMW18 | 4/11/2003 | 0.0 | Magnesium | 1.39E+01 | DF | NS | NS | NS | | NS | |
| CMW18 | 4/11/2003 | 0.0 | Magnesium | 1.39E+01 | F | NS | NS | NS | | NS | |
| CMW18 | 4/11/2003 | 0.0 | Magnesium | 1.46E+01 | | NS | NS | NS | | NS | |
| CMW18 | 08/31/2005 | 0.0 | Magnesium | 14.1 | D | NS | NS | NS | | NS | |
| CMW18 | 08/31/2005 | 0.0 | Magnesium | 14.4 | JDF | NS | NS | NS | | NS | |
| CMW18 | 08/31/2005 | 0.0 | Magnesium | 14.1 | JF | NS | NS | NS | | NS | |
| CMW18 | 08/31/2005 | 0.0 | Magnesium | 15.5 | | NS | NS | NS | | NS | |
| CMW18 | 10/19/1996 | 0.0 | Manganese | 9.40E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 2/11/1997 | 0.0 | Manganese | 5.05E-04 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 2/11/1997 | 0.0 | Manganese | 3.58E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 1/27/2000 | 0.0 | Manganese | 5.52E-03 | J | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 4/17/2000 | 0.0 | Manganese | 1.28E-01 | D | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 4/17/2000 | 0.0 | Manganese | 1.99E-01 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Manganese | 3.42E-03 | DFJ | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Manganese | 4.72E-03 | FJ | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 4/25/2001 | 0.0 | Manganese | 9.50E-04 | DJ | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 4/25/2001 | 0.0 | Manganese | 3.50E-03 | J | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Manganese | 2.79E-03 | DJ | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Manganese | 2.91E-03 | J | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 5/3/2002 | 0.0 | Manganese | 1.01E-02 | D | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 5/3/2002 | 0.0 | Manganese | 1.10E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Manganese | 4.84E-03 | DJ | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 7/19/2002 | 0.0 | Manganese | 3.42E-03 | J | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 08/31/2005 | 0.0 | Manganese | 0.00605 | J | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW18 | 08/31/2005 | 0.0 | Manganese | 0.00101 | JD | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| **CMW18** | **10/20/1998** | **0.0** | **Manganese** | **4.45E-01** | **J** | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW18** | **1/27/1999** | **0.0** | **Manganese** | **3.70E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW18** | **7/27/2000** | **0.0** | **Manganese** | **2.46E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW18** | **10/19/2000** | **0.0** | **Manganese** | **3.63E-01** | **D** | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW18** | **10/19/2000** | **0.0** | **Manganese** | **3.47E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW18** | **1/17/2001** | **0.0** | **Manganese** | **3.22E-01** | **DJ** | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW18** | **1/17/2001** | **0.0** | **Manganese** | **6.57E-01** | **J** | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| CMW18 | 7/19/2002 | 0.0 | MNX | 5.70E-03 | DJ | NS | NS | NS | | NS | |
| CMW18 | 7/19/2002 | 0.0 | MNX | 5.50E-03 | J | NS | NS | NS | | NS | |
| CMW18 | 10/28/2002 | 0.0 | MNX | 5.60E-03 | DJ | NS | NS | NS | | NS | |
| CMW18 | 10/28/2002 | 0.0 | MNX | 5.50E-03 | J | NS | NS | NS | | NS | |
| CMW18 | 1/31/2003 | 0.0 | MNX | 4.80E-03 | DJ | NS | NS | NS | | NS | |
| CMW18 | 1/31/2003 | 0.0 | MNX | 4.80E-03 | J | NS | NS | NS | | NS | |
| CMW18 | 4/11/2003 | 0.0 | MNX | 4.70E-03 | DJ | NS | NS | NS | | NS | |
| CMW18 | 4/11/2003 | 0.0 | MNX | 4.90E-03 | J | NS | NS | NS | | NS | |
| CMW18 | 8/31/2005 | 0.0 | MNX | 0.0055 | J | NS | NS | NS | | NS | |
| CMW18 | 8/31/2005 | 0.0 | MNX | 0.0058 | JD | NS | NS | NS | | NS | |
| CMW18 | 10/19/1996 | 0.0 | Nickel | 7.40E-03 | | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 2/11/1997 | 0.0 | Nickel | 3.09E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 2/11/1997 | 0.0 | Nickel | 4.86E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 10/20/1998 | 0.0 | Nickel | 1.56E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 1/27/1999 | 0.0 | Nickel | 1.85E-02 | FJ | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 10/19/2000 | 0.0 | Nickel | 3.73E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW18 | 10/20/1998 | 0.0 | Nitrate | 1.85E+00 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 1/27/1999 | 0.0 | Nitrate | 1.58E+00 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 1/27/2000 | 0.0 | Nitrate | 1.44E+00 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 4/17/2000 | 0.0 | Nitrate | 1.60E+00 | D | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 4/17/2000 | 0.0 | Nitrate | 1.50E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 7/27/2000 | 0.0 | Nitrate | 2.60E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Nitrate | 1.54E+00 | DJ | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Nitrate | 1.60E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 1/17/2001 | 0.0 | Nitrate | 1.48E+00 | DJ | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 1/17/2001 | 0.0 | Nitrate | 1.50E+00 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 1/22/2001 | 0.0 | Nitrate | 1.48E+00 | DJ | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 1/22/2001 | 0.0 | Nitrate | 1.40E+00 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 4/25/2001 | 0.0 | Nitrate | 1.50E+00 | DJ | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 4/25/2001 | 0.0 | Nitrate | 1.50E+00 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 7/26/2001 | 0.0 | Nitrate | 1.55E+00 | D | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 7/26/2001 | 0.0 | Nitrate | 1.55E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 10/12/2001 | 0.0 | Nitrate | 1.53E+00 | DJ | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 10/12/2001 | 0.0 | Nitrate | 1.53E+00 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 2/22/2002 | 0.0 | Nitrate | 1.30E+00 | D | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 2/22/2002 | 0.0 | Nitrate | 1.28E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 5/3/2002 | 0.0 | Nitrate | 1.34E+00 | D | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 5/3/2002 | 0.0 | Nitrate | 1.34E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 7/19/2002 | 0.0 | Nitrate | 1.35E+00 | D | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 7/19/2002 | 0.0 | Nitrate | 1.38E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 10/28/2002 | 0.0 | Nitrate | 2.57E+00 | DJ | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 10/28/2002 | 0.0 | Nitrate | 2.60E+00 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 1/31/2003 | 0.0 | Nitrate | 2.70E+00 | D | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 1/31/2003 | 0.0 | Nitrate | 2.80E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 4/11/2003 | 0.0 | Nitrate | 2.60E+00 | DJ | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 4/11/2003 | 0.0 | Nitrate | 2.70E+00 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Nitrate as N | 2.4 | D | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Nitrate as N | 2.4 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Nitrate/Nitrite Nitrogen | 2.6 | D | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Nitrate/Nitrite Nitrogen | 2.6 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW18 | 10/20/1998 | 0.0 | Nitrite | 1.34E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Nitrite | 3.48E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 1/22/2001 | 0.0 | Nitrite | 7.24E-02 | DJ | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 4/25/2001 | 0.0 | Nitrite | 1.00E-01 | DJ | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 7/26/2001 | 0.0 | Nitrite | 1.64E-01 | DJ | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 7/26/2001 | 0.0 | Nitrite | 2.69E-01 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 10/12/2001 | 0.0 | Nitrite | 4.22E-01 | DJ | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 10/12/2001 | 0.0 | Nitrite | 3.37E-01 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 2/22/2002 | 0.0 | Nitrite | 8.00E-02 | DJ | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 2/22/2002 | 0.0 | Nitrite | 8.00E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 5/3/2002 | 0.0 | Nitrite | 1.50E-01 | DJ | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 5/3/2002 | 0.0 | Nitrite | 9.10E-01 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 4/11/2003 | 0.0 | Nitrite | 3.00E-01 | DJ | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Nitrite as N | 0.2 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Nitrite as N | 0.2 | JD | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Perchlorate | 1.40E-02 | D | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 10/19/2000 | 0.0 | Perchlorate | 1.40E-02 | | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | Perchlorate | 4.49E-03 | D | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | Perchlorate | 5.50E-03 | | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 10/28/2002 | 0.0 | Perchlorate | 4.15E-03 | D | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 10/28/2002 | 0.0 | Perchlorate | 4.33E-03 | | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 1/31/2003 | 0.0 | Perchlorate | 4.06E-03 | D | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 1/31/2003 | 0.0 | Perchlorate | 4.04E-03 | | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | Perchlorate | 3.41E-03 | D | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | Perchlorate | 3.99E-03 | | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 08/31/2005 | 0.0 | Perchlorate | 0.0117 | D | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 08/31/2005 | 0.0 | Perchlorate | 0.0107 | | NS | NS | 2.45E-02 | MSC | |
| CMW18 | 10/19/1996 | 0.0 | Potassium | 4.10E+00 | | NS | NS | NS | NS | |
| CMW18 | 2/11/1997 | 0.0 | Potassium | 1.08E+00 | F | NS | NS | NS | NS | |
| CMW18 | 2/11/1997 | 0.0 | Potassium | 2.26E+00 | | NS | NS | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | Potassium | 1.31E+00 | FJ | NS | NS | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | Potassium | 1.18E+01 | J | NS | NS | NS | NS | |
| CMW18 | 1/27/1999 | 0.0 | Potassium | 1.07E+01 | | NS | NS | NS | NS | |
| CMW18 | 1/27/2000 | 0.0 | Potassium | 1.78E+00 | FJ | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Potassium | 3.88E+00 | D | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Potassium | 1.03E+00 | DF | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Potassium | 8.98E-01 | FJ | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Potassium | 5.77E+00 | | NS | NS | NS | NS | |
| CMW18 | 7/27/2000 | 0.0 | Potassium | 1.03E+00 | F | NS | NS | NS | NS | |
| CMW18 | 7/27/2000 | 0.0 | Potassium | 4.35E+00 | | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Potassium | 8.90E+00 | D | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Potassium | 8.55E-01 | DFJ | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Potassium | 5.85E-01 | FJ | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Potassium | 9.45E+00 | | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Potassium | 1.07E+00 | DFJ | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Potassium | 5.27E+00 | DJ | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Potassium | 1.14E+00 | FJ | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Potassium | 8.63E+00 | J | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Potassium | 1.23E+00 | DFJ | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Potassium | 8.21E-01 | DJ | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Potassium | 1.44E+00 | FJ | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Potassium | 9.21E-01 | J | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Potassium | 7.40E-01 | DFJ | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Potassium | 1.12E+00 | DJ | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Potassium | 1.02E+00 | FJ | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 7/26/2001 | 0.0 | Potassium | 6.86E-01 | J | NS | NS | NS | | NS | |
| CMW18 | 10/12/2001 | 0.0 | Potassium | 8.19E-01 | DFJ | NS | NS | NS | | NS | |
| CMW18 | 10/12/2001 | 0.0 | Potassium | 8.10E-01 | DJ | NS | NS | NS | | NS | |
| CMW18 | 10/12/2001 | 0.0 | Potassium | 8.29E-01 | FJ | NS | NS | NS | | NS | |
| CMW18 | 10/12/2001 | 0.0 | Potassium | 7.52E-01 | J | NS | NS | NS | | NS | |
| CMW18 | 2/22/2002 | 0.0 | Potassium | 9.80E-01 | DFJ | NS | NS | NS | | NS | |
| CMW18 | 2/22/2002 | 0.0 | Potassium | 9.75E-01 | DJ | NS | NS | NS | | NS | |
| CMW18 | 2/22/2002 | 0.0 | Potassium | 9.93E-01 | FJ | NS | NS | NS | | NS | |
| CMW18 | 2/22/2002 | 0.0 | Potassium | 1.10E+00 | J | NS | NS | NS | | NS | |
| CMW18 | 5/3/2002 | 0.0 | Potassium | 7.74E-01 | DFJ | NS | NS | NS | | NS | |
| CMW18 | 5/3/2002 | 0.0 | Potassium | 8.31E-01 | DJ | NS | NS | NS | | NS | |
| CMW18 | 5/3/2002 | 0.0 | Potassium | 1.01E+00 | FJ | NS | NS | NS | | NS | |
| CMW18 | 5/3/2002 | 0.0 | Potassium | 1.18E+00 | J | NS | NS | NS | | NS | |
| CMW18 | 7/19/2002 | 0.0 | Potassium | 1.19E+00 | DFJ | NS | NS | NS | | NS | |
| CMW18 | 7/19/2002 | 0.0 | Potassium | 8.45E-01 | DJ | NS | NS | NS | | NS | |
| CMW18 | 7/19/2002 | 0.0 | Potassium | 9.47E-01 | FJ | NS | NS | NS | | NS | |
| CMW18 | 7/19/2002 | 0.0 | Potassium | 9.83E-01 | J | NS | NS | NS | | NS | |
| CMW18 | 10/28/2002 | 0.0 | Potassium | 1.00E+00 | DFJ | NS | NS | NS | | NS | |
| CMW18 | 10/28/2002 | 0.0 | Potassium | 9.27E-01 | DJ | NS | NS | NS | | NS | |
| CMW18 | 10/28/2002 | 0.0 | Potassium | 1.06E+00 | FJ | NS | NS | NS | | NS | |
| CMW18 | 10/28/2002 | 0.0 | Potassium | 1.03E+00 | J | NS | NS | NS | | NS | |
| CMW18 | 1/31/2003 | 0.0 | Potassium | 8.31E-01 | DFJ | NS | NS | NS | | NS | |
| CMW18 | 1/31/2003 | 0.0 | Potassium | 1.13E+00 | DJ | NS | NS | NS | | NS | |
| CMW18 | 1/31/2003 | 0.0 | Potassium | 9.95E-01 | FJ | NS | NS | NS | | NS | |
| CMW18 | 1/31/2003 | 0.0 | Potassium | 1.12E+00 | J | NS | NS | NS | | NS | |
| CMW18 | 4/11/2003 | 0.0 | Potassium | 1.57E+00 | DJ | NS | NS | NS | | NS | |
| CMW18 | 4/11/2003 | 0.0 | Potassium | 1.09E+00 | DJF | NS | NS | NS | | NS | |
| CMW18 | 4/11/2003 | 0.0 | Potassium | 1.28E+00 | FJ | NS | NS | NS | | NS | |
| CMW18 | 4/11/2003 | 0.0 | Potassium | 1.70E+00 | J | NS | NS | NS | | NS | |
| CMW18 | 08/31/2005 | 0.0 | Potassium | 1.22 | J | NS | NS | NS | | NS | |
| CMW18 | 08/31/2005 | 0.0 | Potassium | 0.93 | JD | NS | NS | NS | | NS | |
| CMW18 | 08/31/2005 | 0.0 | Potassium | 1.02 | JDF | NS | NS | NS | | NS | |
| CMW18 | 08/31/2005 | 0.0 | Potassium | 0.841 | JF | NS | NS | NS | | NS | |
| **CMW18** | **2/11/1997** | **0.0** | **RDX** | **1.70E-01** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **10/20/1998** | **0.0** | **RDX** | **1.00E-01** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **1/27/1999** | **0.0** | **RDX** | **8.13E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **1/27/2000** | **0.0** | **RDX** | **9.74E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **4/17/2000** | **0.0** | **RDX** | **1.04E-01** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **4/17/2000** | **0.0** | **RDX** | **1.15E-01** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **10/19/2000** | **0.0** | **RDX** | **1.01E-01** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **10/19/2000** | **0.0** | **RDX** | **1.02E-01** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **1/22/2001** | **0.0** | **RDX** | **1.10E-01** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **1/22/2001** | **0.0** | **RDX** | **1.11E-01** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **4/25/2001** | **0.0** | **RDX** | **8.60E-02** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **4/25/2001** | **0.0** | **RDX** | **8.70E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **7/26/2001** | **0.0** | **RDX** | **6.96E-02** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **7/26/2001** | **0.0** | **RDX** | **7.40E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **CMW18** | **10/12/2001** | **0.0** | **RDX** | **5.68E-02** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **10/12/2001** | **0.0** | **RDX** | **5.90E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **2/22/2002** | **0.0** | **RDX** | **5.58E-02** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **2/22/2002** | **0.0** | **RDX** | **5.33E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **5/3/2002** | **0.0** | **RDX** | **6.09E-02** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **5/3/2002** | **0.0** | **RDX** | **6.16E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **7/19/2002** | **0.0** | **RDX** | **7.50E-02** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **7/19/2002** | **0.0** | **RDX** | **6.90E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **7/19/2002** | **0.0** | **RDX** | **7.20E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **10/28/2002** | **0.0** | **RDX** | **6.90E-02** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **10/28/2002** | **0.0** | **RDX** | **6.90E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **1/31/2003** | **0.0** | **RDX** | **6.00E-02** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **1/31/2003** | **0.0** | **RDX** | **6.00E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **4/11/2003** | **0.0** | **RDX** | **5.80E-02** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **4/11/2003** | **0.0** | **RDX** | **5.90E-02** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **8/31/2005** | **0.0** | **RDX** | **0.086** | **D** | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| **CMW18** | **8/31/2005** | **0.0** | **RDX** | **0.083** | | **NS** | **NS** | **6.11E-04** | | **MSC** | **YES** |
| CMW18 | 2/11/1997 | 0.0 | Selenium | 2.19E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 10/20/1998 | 0.0 | Selenium | 4.60E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 10/20/1998 | 0.0 | Selenium | 4.22E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 1/27/2000 | 0.0 | Selenium | 2.25E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Selenium | 3.06E-03 | DFJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 10/19/2000 | 0.0 | Selenium | 3.15E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 4/25/2001 | 0.0 | Selenium | 1.80E-03 | DFJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 4/25/2001 | 0.0 | Selenium | 1.60E-03 | DJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 4/25/2001 | 0.0 | Selenium | 2.00E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 4/25/2001 | 0.0 | Selenium | 1.70E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 10/12/2001 | 0.0 | Selenium | 2.91E-03 | DFJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 10/12/2001 | 0.0 | Selenium | 2.52E-03 | DJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 10/12/2001 | 0.0 | Selenium | 2.34E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 10/12/2001 | 0.0 | Selenium | 2.28E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 2/22/2002 | 0.0 | Selenium | 6.69E-04 | DFJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 2/22/2002 | 0.0 | Selenium | 6.94E-04 | DJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 2/22/2002 | 0.0 | Selenium | 6.11E-04 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 2/22/2002 | 0.0 | Selenium | 1.32E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 5/3/2002 | 0.0 | Selenium | 6.79E-04 | DJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 5/3/2002 | 0.0 | Selenium | 6.05E-04 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 7/19/2002 | 0.0 | Selenium | 2.57E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 1/31/2003 | 0.0 | Selenium | 1.69E-03 | DJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 1/31/2003 | 0.0 | Selenium | 2.15E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Selenium | 0.00209 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Selenium | 0.00141 | JD | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Selenium | 0.00179 | JDF | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 08/31/2005 | 0.0 | Selenium | 0.00118 | JF | 5.00E-02 | 5.00E-02 | 1.83E-01 | | MCL | |
| CMW18 | 1/17/2001 | 0.0 | Silver | 3.22E-03 | J | 5.00E-02 | NS | 1.83E-01 | | NMWQCC | |
| CMW18 | 10/19/1996 | 0.0 | Sodium | 1.24E+02 | | NS | NS | NS | | NS | |
| CMW18 | 2/11/1997 | 0.0 | Sodium | 1.28E+02 | F | NS | NS | NS | | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 2/11/1997 | 0.0 | Sodium | 1.17E+02 | | NS | NS | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | Sodium | 1.26E+02 | F | NS | NS | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | Sodium | 1.23E+02 | | NS | NS | NS | NS | |
| CMW18 | 1/27/1999 | 0.0 | Sodium | 1.30E+02 | F | NS | NS | NS | NS | |
| CMW18 | 1/27/1999 | 0.0 | Sodium | 1.26E+02 | | NS | NS | NS | NS | |
| CMW18 | 1/27/2000 | 0.0 | Sodium | 1.28E+02 | F | NS | NS | NS | NS | |
| CMW18 | 1/27/2000 | 0.0 | Sodium | 1.26E+02 | | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Sodium | 1.38E+02 | D | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Sodium | 1.30E+02 | DF | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Sodium | 1.31E+02 | F | NS | NS | NS | NS | |
| CMW18 | 4/17/2000 | 0.0 | Sodium | 1.36E+02 | | NS | NS | NS | NS | |
| CMW18 | 7/27/2000 | 0.0 | Sodium | 1.22E+02 | F | NS | NS | NS | NS | |
| CMW18 | 7/27/2000 | 0.0 | Sodium | 1.22E+02 | | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Sodium | 1.40E+02 | D | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Sodium | 1.43E+02 | DF | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Sodium | 1.38E+02 | F | NS | NS | NS | NS | |
| CMW18 | 10/19/2000 | 0.0 | Sodium | 1.36E+02 | | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Sodium | 1.29E+02 | D | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Sodium | 1.32E+02 | DF | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Sodium | 1.31E+02 | F | NS | NS | NS | NS | |
| CMW18 | 1/17/2001 | 0.0 | Sodium | 1.29E+02 | | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Sodium | 1.34E+02 | D | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Sodium | 1.41E+02 | DF | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Sodium | 1.42E+02 | F | NS | NS | NS | NS | |
| CMW18 | 4/25/2001 | 0.0 | Sodium | 1.34E+02 | | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Sodium | 1.30E+02 | D | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Sodium | 1.32E+02 | DF | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Sodium | 1.32E+02 | F | NS | NS | NS | NS | |
| CMW18 | 7/26/2001 | 0.0 | Sodium | 1.32E+02 | | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Sodium | 1.32E+02 | D | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Sodium | 1.45E+02 | DF | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Sodium | 1.45E+02 | F | NS | NS | NS | NS | |
| CMW18 | 10/12/2001 | 0.0 | Sodium | 1.34E+02 | | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Sodium | 1.32E+02 | D | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Sodium | 1.33E+02 | DF | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Sodium | 1.34E+02 | F | NS | NS | NS | NS | |
| CMW18 | 2/22/2002 | 0.0 | Sodium | 1.35E+02 | | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Sodium | 1.26E+02 | D | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Sodium | 1.33E+02 | DF | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Sodium | 1.34E+02 | F | NS | NS | NS | NS | |
| CMW18 | 5/3/2002 | 0.0 | Sodium | 1.25E+02 | | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Sodium | 1.34E+02 | D | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Sodium | 1.23E+02 | DF | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Sodium | 1.22E+02 | F | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | Sodium | 1.29E+02 | | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | Sodium | 1.42E+02 | D | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | Sodium | 1.40E+02 | DF | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 10/28/2002 | 0.0 | Sodium | 1.41E+02 | F | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | Sodium | 1.43E+02 | | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | Sodium | 1.30E+02 | D | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | Sodium | 1.29E+02 | DF | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | Sodium | 1.27E+02 | F | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | Sodium | 1.32E+02 | | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | Sodium | 1.29E+02 | D | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | Sodium | 1.27E+02 | DF | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | Sodium | 1.28E+02 | F | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | Sodium | 1.29E+02 | | NS | NS | NS | NS | |
| CMW18 | 08/31/2005 | 0.0 | Sodium | 128 | D | NS | NS | NS | NS | |
| CMW18 | 08/31/2005 | 0.0 | Sodium | 131 | DJF | NS | NS | NS | NS | |
| CMW18 | 08/31/2005 | 0.0 | Sodium | 128 | JF | NS | NS | NS | NS | |
| CMW18 | 08/31/2005 | 0.0 | Sodium | 138 | | NS | NS | NS | NS | |
| CMW18 | 10/20/1998 | 0.0 | Sulfate | 7.90E+01 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW18 | 1/27/1999 | 0.0 | Sulfate | 7.06E-02 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW18 | 1/27/2000 | 0.0 | Tetryl | 4.97E-04 | | NS | NS | 1.46E-01 | MSC | |
| CMW18 | 4/17/2000 | 0.0 | Tetryl | 2.94E-04 | | NS | NS | 1.46E-01 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | TNX | 2.70E-03 | D | NS | NS | NS | NS | |
| CMW18 | 7/19/2002 | 0.0 | TNX | 2.80E-03 | | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | TNX | 3.20E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 10/28/2002 | 0.0 | TNX | 3.20E-03 | J | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | TNX | 2.60E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 1/31/2003 | 0.0 | TNX | 2.50E-03 | J | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | TNX | 2.40E-03 | DJ | NS | NS | NS | NS | |
| CMW18 | 4/11/2003 | 0.0 | TNX | 2.40E-03 | J | NS | NS | NS | NS | |
| CMW18 | 8/31/2005 | 0.0 | TNX | 0.0027 | J | NS | NS | NS | NS | |
| CMW18 | 8/31/2005 | 0.0 | TNX | 0.0029 | JD | NS | NS | NS | NS | |
| CMW18 | 10/19/1996 | 0.0 | Vanadium | 1.09E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 2/11/1997 | 0.0 | Vanadium | 6.92E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 2/11/1997 | 0.0 | Vanadium | 9.00E-03 | | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/20/1998 | 0.0 | Vanadium | 1.06E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/20/1998 | 0.0 | Vanadium | 3.07E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 1/27/1999 | 0.0 | Vanadium | 1.12E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 1/27/1999 | 0.0 | Vanadium | 3.39E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 1/27/2000 | 0.0 | Vanadium | 1.01E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 1/27/2000 | 0.0 | Vanadium | 1.12E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/17/2000 | 0.0 | Vanadium | 7.00E-03 | DFJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/17/2000 | 0.0 | Vanadium | 1.31E-02 | DJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/17/2000 | 0.0 | Vanadium | 7.10E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/17/2000 | 0.0 | Vanadium | 1.61E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 7/27/2000 | 0.0 | Vanadium | 1.15E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/19/2000 | 0.0 | Vanadium | 1.20E-02 | D | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/19/2000 | 0.0 | Vanadium | 9.82E-03 | DF | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/19/2000 | 0.0 | Vanadium | 1.00E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/19/2000 | 0.0 | Vanadium | 1.26E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 1/17/2001 | 0.0 | Vanadium | 1.31E-02 | D | NS | NS | 1.83E-01 | MSC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 1/17/2001 | 0.0 | Vanadium | 7.59E-03 | DF | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 1/17/2001 | 0.0 | Vanadium | 7.88E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 1/17/2001 | 0.0 | Vanadium | 1.77E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/25/2001 | 0.0 | Vanadium | 1.23E-02 | D | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/25/2001 | 0.0 | Vanadium | 1.21E-02 | DF | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/25/2001 | 0.0 | Vanadium | 1.30E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/25/2001 | 0.0 | Vanadium | 1.25E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 7/26/2001 | 0.0 | Vanadium | 1.39E-02 | D | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 7/26/2001 | 0.0 | Vanadium | 1.40E-02 | DF | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 7/26/2001 | 0.0 | Vanadium | 1.44E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 7/26/2001 | 0.0 | Vanadium | 1.45E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/12/2001 | 0.0 | Vanadium | 1.41E-02 | DF | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/12/2001 | 0.0 | Vanadium | 1.32E-02 | DJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/12/2001 | 0.0 | Vanadium | 1.40E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/12/2001 | 0.0 | Vanadium | 1.30E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 2/22/2002 | 0.0 | Vanadium | 1.44E-02 | DFJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 2/22/2002 | 0.0 | Vanadium | 1.49E-02 | DJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 2/22/2002 | 0.0 | Vanadium | 1.54E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 2/22/2002 | 0.0 | Vanadium | 1.79E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 5/3/2002 | 0.0 | Vanadium | 1.42E-02 | DF | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 5/3/2002 | 0.0 | Vanadium | 1.32E-02 | DJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 5/3/2002 | 0.0 | Vanadium | 1.43E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 5/3/2002 | 0.0 | Vanadium | 1.36E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | Vanadium | 1.20E-02 | DFJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | Vanadium | 1.27E-02 | DJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | Vanadium | 1.20E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 7/19/2002 | 0.0 | Vanadium | 1.26E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/28/2002 | 0.0 | Vanadium | 1.82E-02 | D | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/28/2002 | 0.0 | Vanadium | 1.69E-02 | DF | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/28/2002 | 0.0 | Vanadium | 1.71E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/28/2002 | 0.0 | Vanadium | 1.77E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 1/31/2003 | 0.0 | Vanadium | 1.76E-02 | DJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 1/31/2003 | 0.0 | Vanadium | 1.99E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | Vanadium | 1.26E-02 | DJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | Vanadium | 1.22E-02 | DJF | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | Vanadium | 1.41E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 4/11/2003 | 0.0 | Vanadium | 1.39E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 08/31/2005 | 0.0 | Vanadium | 0.0285 | J | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 08/31/2005 | 0.0 | Vanadium | 0.0147 | JD | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 08/31/2005 | 0.0 | Vanadium | 0.0226 | JDF | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 08/31/2005 | 0.0 | Vanadium | 0.0177 | JF | NS | NS | 1.83E-01 | MSC | |
| CMW18 | 10/19/1996 | 0.0 | Zinc | 6.53E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW18 | 10/20/1998 | 0.0 | Zinc | 3.71E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW18 | 1/27/1999 | 0.0 | Zinc | 8.02E-02 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW18 | 1/27/1999 | 0.0 | Zinc | 3.28E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW18 | 4/17/2000 | 0.0 | Zinc | 2.81E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW18 | 7/27/2000 | 0.0 | Zinc | 4.00E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 7/27/2000 | 0.0 | Zinc | 3.84E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Zinc | 4.06E-03 | DFJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Zinc | 1.25E-02 | DJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Zinc | 3.23E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 1/17/2001 | 0.0 | Zinc | 2.54E-02 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Zinc | 8.29E-04 | DJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Zinc | 1.70E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 2/22/2002 | 0.0 | Zinc | 1.78E-03 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 5/3/2002 | 0.0 | Zinc | 5.43E-03 | DJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Zinc | 1.16E-03 | DFJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Zinc | 1.21E-03 | DJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Zinc | 3.01E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 10/28/2002 | 0.0 | Zinc | 1.87E-03 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 08/31/2005 | 0.0 | Zinc | 0.00758 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW18 | 08/31/2005 | 0.0 | Zinc | 0.00801 | JD | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW19 | 10/22/1998 | 0.0 | 2,4,6-Trinitrotoluene | 8.16E-05 | | NS | NS | | 2.24E-03 | MSC | |
| CMW19 | 1/25/1999 | 0.0 | 2,4,6-Trinitrotoluene | 8.83E-05 | DJ | NS | NS | | 2.24E-03 | MSC | |
| CMW19 | 1/25/1999 | 0.0 | 2,4,6-Trinitrotoluene | 1.30E-04 | J | NS | NS | | 2.24E-03 | MSC | |
| CMW19 | 10/29/1996 | 0.0 | Aluminum | 7.31E-02 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW19 | 10/29/1996 | 0.0 | Aluminum | 1.09E+00 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Aluminum | 1.80E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW19 | 10/22/1998 | 0.0 | Aluminum | 8.50E-02 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Aluminum | 6.13E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| **CMW19** | **2/10/1997** | **0.0** | **Aluminum** | **1.79E+02** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW19** | **10/22/1998** | **0.0** | **Aluminum** | **4.09E+01** | **J** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW19** | **1/25/1999** | **0.0** | **Aluminum** | **7.39E+01** | **D** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW19** | **1/25/1999** | **0.0** | **Aluminum** | **4.26E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| CMW19 | 1/25/1999 | 0.0 | Ammonia nitrogen | 3.13E-02 | DJ | NS | NS | | 2.09E-01 | MSC | |
| CMW19 | 1/25/1999 | 0.0 | Ammonia nitrogen | 4.14E-02 | J | NS | NS | | 2.09E-01 | MSC | |
| **CMW19** | **10/22/1998** | **0.0** | **Ammonia nitrogen** | **3.15E-01** | **FJ** | **NS** | **NS** | | **2.09E-01** | **MSC** | **YES** |
| **CMW19** | **10/22/1998** | **0.0** | **Ammonia nitrogen** | **4.52E-01** | | **NS** | **NS** | | **2.09E-01** | **MSC** | **YES** |
| CMW19 | 1/25/1999 | 0.0 | Antimony | 6.15E-04 | DFJ | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Antimony | 6.57E-04 | FJ | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Antimony | 5.15E-04 | J | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW19 | 10/29/1996 | 0.0 | Arsenic | 1.98E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW19 | 10/29/1996 | 0.0 | Arsenic | 1.95E-03 | | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW19 | 2/10/1997 | 0.0 | Arsenic | 2.21E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW19 | 2/10/1997 | 0.0 | Arsenic | 5.91E-03 | | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW19 | 10/22/1998 | 0.0 | Arsenic | 2.24E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW19 | 10/22/1998 | 0.0 | Arsenic | 3.30E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Arsenic | 9.67E-04 | DFJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Arsenic | 2.22E-03 | DJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Arsenic | 6.51E-04 | FJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Arsenic | 1.42E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW19 | 10/29/1996 | 0.0 | Barium | 3.84E-02 | F | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW19 | 10/29/1996 | 0.0 | Barium | 4.26E-02 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Barium | 3.94E-02 | F | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW19 | 2/10/1997 | 0.0 | Barium | 5.30E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW19 | 10/22/1998 | 0.0 | Barium | 3.12E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW19 | 10/22/1998 | 0.0 | Barium | 2.79E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Barium | 3.81E-01 | D | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Barium | 2.92E-02 | DF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Barium | 3.15E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Barium | 2.36E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Beryllium | 2.51E-03 | | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW19 | 10/22/1998 | 0.0 | Beryllium | 6.14E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Beryllium | 1.53E-03 | DJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Beryllium | 9.01E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| **CMW19** | **1/25/1999** | **0.0** | **Boron** | **1.75E+00** | **D** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW19** | **1/25/1999** | **0.0** | **Boron** | **1.66E+00** | **DF** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW19** | **1/25/1999** | **0.0** | **Boron** | **1.79E+00** | **F** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW19** | **1/25/1999** | **0.0** | **Boron** | **1.71E+00** | | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| CMW19 | 10/29/1996 | 0.0 | Cadmium | 2.06E-04 | F | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW19 | 10/29/1996 | 0.0 | Cadmium | 2.71E-04 | | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW19 | 10/22/1998 | 0.0 | Cadmium | 7.37E-04 | F | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW19 | 10/22/1998 | 0.0 | Cadmium | 1.43E-03 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Cadmium | 1.36E-04 | DJ | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Cadmium | 2.13E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW19 | 10/29/1996 | 0.0 | Calcium | 1.21E+01 | F | NS | NS | NS | NS | |
| CMW19 | 10/29/1996 | 0.0 | Calcium | 1.36E+01 | | NS | NS | NS | NS | |
| CMW19 | 2/10/1997 | 0.0 | Calcium | 1.31E+01 | F | NS | NS | NS | NS | |
| CMW19 | 2/10/1997 | 0.0 | Calcium | 7.57E+01 | | NS | NS | NS | NS | |
| CMW19 | 10/22/1998 | 0.0 | Calcium | 9.47E+00 | FJ | NS | NS | NS | NS | |
| CMW19 | 10/22/1998 | 0.0 | Calcium | 4.27E+01 | J | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Calcium | 7.18E+01 | D | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Calcium | 6.23E+00 | DF | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Calcium | 6.33E+00 | F | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Calcium | 3.66E+01 | | NS | NS | NS | NS | |
| CMW19 | 10/22/1998 | 0.0 | Chloride | 5.65E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Chloride | 4.40E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Chloride | 6.01E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW19 | 10/29/1996 | 0.0 | Chromium | 2.04E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Chromium | 1.69E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Chromium | 2.37E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW19 | 10/22/1998 | 0.0 | Chromium | 4.94E-02 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| **CMW19** | **1/25/1999** | **0.0** | **Chromium** | **6.60E-02** | **D** | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| CMW19 | 2/10/1997 | 0.0 | Cobalt | 8.96E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Cobalt | 8.59E-03 | DJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW19 | 10/29/1996 | 0.0 | Copper | 4.61E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW19 | 10/29/1996 | 0.0 | Copper | 4.61E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Copper | 2.62E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Copper | 3.69E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW19 | 10/22/1998 | 0.0 | Copper | 4.10E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Copper | 3.75E-02 | D | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW19 | 1/25/1999 | 0.0 | Copper | 5.75E-03 | DFJ | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Copper | 1.72E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW19 | 10/29/1996 | 0.0 | Iron | 5.18E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Iron | 6.37E-02 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Iron | 2.40E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **CMW19** | **2/10/1997** | **0.0** | **Iron** | **1.01E+02** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW19** | **10/22/1998** | **0.0** | **Iron** | **1.89E+01** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW19** | **1/25/1999** | **0.0** | **Iron** | **3.61E+01** | **D** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW19** | **1/25/1999** | **0.0** | **Iron** | **1.88E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| CMW19 | 10/22/1998 | 0.0 | Lead | 1.02E-02 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Lead | 1.33E-02 | D | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Lead | 1.08E-03 | DFJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Lead | 7.82E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| **CMW19** | **2/10/1997** | **0.0** | **Lead** | **2.59E-02** | | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| CMW19 | 10/29/1996 | 0.0 | Magnesium | 3.73E+00 | F | NS | NS | NS | NS | |
| CMW19 | 10/29/1996 | 0.0 | Magnesium | 4.42E+00 | J | NS | NS | NS | NS | |
| CMW19 | 2/10/1997 | 0.0 | Magnesium | 4.09E+00 | F | NS | NS | NS | NS | |
| CMW19 | 2/10/1997 | 0.0 | Magnesium | 5.25E+01 | | NS | NS | NS | NS | |
| CMW19 | 10/22/1998 | 0.0 | Magnesium | 3.33E+00 | FJ | NS | NS | NS | NS | |
| CMW19 | 10/22/1998 | 0.0 | Magnesium | 1.66E+01 | J | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Magnesium | 2.29E+01 | D | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Magnesium | 2.16E+00 | DF | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Magnesium | 2.19E+00 | F | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Magnesium | 1.49E+01 | | NS | NS | NS | NS | |
| CMW19 | 10/29/1996 | 0.0 | Manganese | 6.90E-03 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW19 | 10/29/1996 | 0.0 | Manganese | 7.12E-03 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Manganese | 2.92E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW19 | 10/22/1998 | 0.0 | Manganese | 5.15E-02 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Manganese | 6.72E-03 | DFJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Manganese | 8.18E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| **CMW19** | **2/10/1997** | **0.0** | **Manganese** | **7.00E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW19** | **10/22/1998** | **0.0** | **Manganese** | **4.64E-01** | **J** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW19** | **1/25/1999** | **0.0** | **Manganese** | **8.62E-01** | **D** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW19** | **1/25/1999** | **0.0** | **Manganese** | **3.43E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| CMW19 | 1/25/1999 | 0.0 | Molybdenum | 2.90E-01 | D | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Molybdenum | 7.03E-02 | DFJ | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Molybdenum | 9.83E-02 | FJ | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Molybdenum | 2.36E-01 | | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW19 | 10/29/1996 | 0.0 | Nickel | 2.09E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW19 | 10/29/1996 | 0.0 | Nickel | 2.90E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Nickel | 2.15E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Nickel | 2.15E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW19 | 10/22/1998 | 0.0 | Nickel | 3.86E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Nickel | 3.49E-02 | DJ | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Nickel | 2.10E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW19 | 10/22/1998 | 0.0 | Nitrate | 1.72E-02 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW19 | 1/25/1999 | 0.0 | Nitrate | 5.57E-02 | D | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW19 | 1/25/1999 | 0.0 | Nitrate | 3.42E-02 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW19 | 10/22/1998 | 0.0 | Nitrite | 1.09E-02 | | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW19 | 10/29/1996 | 0.0 | Potassium | 1.76E+00 | | NS | NS | NS | NS | |
| CMW19 | 2/10/1997 | 0.0 | Potassium | 1.78E+00 | F | NS | NS | NS | NS | |
| CMW19 | 2/10/1997 | 0.0 | Potassium | 3.87E+01 | | NS | NS | NS | NS | |
| CMW19 | 10/22/1998 | 0.0 | Potassium | 3.96E+00 | FJ | NS | NS | NS | NS | |
| CMW19 | 10/22/1998 | 0.0 | Potassium | 1.25E+01 | J | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Potassium | 2.06E+01 | D | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Potassium | 3.59E+00 | DF | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Potassium | 3.21E+00 | F | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Potassium | 1.30E+01 | | NS | NS | NS | NS | |
| CMW19 | 10/29/1996 | 0.0 | RDX | 1.73E-04 | | NS | NS | 6.11E-04 | MSC | |
| CMW19 | 2/10/1997 | 0.0 | Silver | 4.59E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW19 | 10/22/1998 | 0.0 | Silver | 1.87E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW19 | 10/29/1996 | 0.0 | Sodium | 3.91E+02 | F | NS | NS | NS | NS | |
| CMW19 | 10/29/1996 | 0.0 | Sodium | 4.18E+02 | | NS | NS | NS | NS | |
| CMW19 | 2/10/1997 | 0.0 | Sodium | 4.16E+02 | F | NS | NS | NS | NS | |
| CMW19 | 2/10/1997 | 0.0 | Sodium | 4.63E+02 | | NS | NS | NS | NS | |
| CMW19 | 10/22/1998 | 0.0 | Sodium | 4.98E+02 | F | NS | NS | NS | NS | |
| CMW19 | 10/22/1998 | 0.0 | Sodium | 6.06E+02 | | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Sodium | 6.55E+02 | D | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Sodium | 3.59E+02 | DF | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Sodium | 3.57E+02 | F | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Sodium | 6.30E+02 | | NS | NS | NS | NS | |
| CMW19 | 1/25/1999 | 0.0 | Sulfate | 4.64E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| **CMW19** | **10/22/1998** | **0.0** | **Sulfate** | **6.10E+02** | | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| **CMW19** | **1/25/1999** | **0.0** | **Sulfate** | **7.34E+02** | | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| CMW19 | 2/10/1997 | 0.0 | Thallium | 1.60E-04 | | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW19 | 10/22/1998 | 0.0 | Thallium | 1.63E-04 | | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW19 | 10/29/1996 | 0.0 | Vanadium | 2.45E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW19 | 10/29/1996 | 0.0 | Vanadium | 2.37E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW19 | 2/10/1997 | 0.0 | Vanadium | 2.29E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW19 | 2/10/1997 | 0.0 | Vanadium | 9.77E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW19 | 10/22/1998 | 0.0 | Vanadium | 2.05E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW19 | 10/22/1998 | 0.0 | Vanadium | 6.70E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW19 | 1/25/1999 | 0.0 | Vanadium | 1.01E-01 | D | NS | NS | 1.83E-01 | MSC | |
| CMW19 | 1/25/1999 | 0.0 | Vanadium | 1.30E-02 | DFJ | NS | NS | 1.83E-01 | MSC | |
| CMW19 | 1/25/1999 | 0.0 | Vanadium | 1.58E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW19 | 1/25/1999 | 0.0 | Vanadium | 5.50E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW19 | 10/29/1996 | 0.0 | Zinc | 4.87E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW19 | 10/29/1996 | 0.0 | Zinc | 2.51E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW19 | 2/10/1997 | 0.0 | Zinc | 3.83E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW19 | 10/22/1998 | 0.0 | Zinc | 6.69E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Zinc | 8.85E-02 | D | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Zinc | 6.41E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW19 | 1/25/1999 | 0.0 | Zinc | 4.93E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW20 | 10/29/1996 | 0.0 | 2,4,6-Trinitrotoluene | 1.61E-04 | | NS | NS | 2.24E-03 | MSC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| **CMW20** | **10/29/1996** | **0.0** | **Aluminum** | **1.38E+02** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW20** | **2/11/1997** | **0.0** | **Aluminum** | **8.64E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| CMW20 | 10/29/1996 | 0.0 | Arsenic | 5.62E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW20 | 10/29/1996 | 0.0 | Barium | 1.26E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW20 | 2/11/1997 | 0.0 | Barium | 1.17E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW20 | 2/11/1997 | 0.0 | Barium | 8.60E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| **CMW20** | **10/29/1996** | **0.0** | **Barium** | **1.60E+00** | | **1.00E+00** | **2.00E+00** | **7.30E+00** | **NMWQCC** | **YES** |
| CMW20 | 10/29/1996 | 0.0 | Beryllium | 3.51E-03 | | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW20 | 2/11/1997 | 0.0 | Beryllium | 2.06E-03 | | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW20 | 10/29/1996 | 0.0 | Cadmium | 1.32E-03 | | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW20 | 2/11/1997 | 0.0 | Cadmium | 1.10E-03 | | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW20 | 10/29/1996 | 0.0 | Calcium | 5.98E+01 | F | NS | NS | NS | NS | |
| CMW20 | 10/29/1996 | 0.0 | Calcium | 1.81E+02 | | NS | NS | NS | NS | |
| CMW20 | 2/11/1997 | 0.0 | Calcium | 6.84E+01 | F | NS | NS | NS | NS | |
| CMW20 | 2/11/1997 | 0.0 | Calcium | 1.46E+02 | | NS | NS | NS | NS | |
| CMW20 | 10/29/1996 | 0.0 | Chromium | 2.09E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW20 | 2/11/1997 | 0.0 | Chromium | 7.68E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW20 | 10/29/1996 | 0.0 | Cobalt | 1.73E-02 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW20 | 2/11/1997 | 0.0 | Cobalt | 5.23E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW20 | 10/29/1996 | 0.0 | Copper | 8.34E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW20 | 2/11/1997 | 0.0 | Copper | 1.13E-01 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| **CMW20** | **10/29/1996** | **0.0** | **Iron** | **8.17E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW20** | **2/11/1997** | **0.0** | **Iron** | **5.17E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW20** | **10/29/1996** | **0.0** | **Lead** | **4.83E-02** | | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| **CMW20** | **2/11/1997** | **0.0** | **Lead** | **2.30E-02** | | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| CMW20 | 10/29/1996 | 0.0 | Magnesium | 1.14E+01 | F | NS | NS | NS | NS | |
| CMW20 | 10/29/1996 | 0.0 | Magnesium | 5.12E+01 | J | NS | NS | NS | NS | |
| CMW20 | 2/11/1997 | 0.0 | Magnesium | 1.31E+01 | F | NS | NS | NS | NS | |
| CMW20 | 2/11/1997 | 0.0 | Magnesium | 3.79E+01 | | NS | NS | NS | NS | |
| **CMW20** | **10/29/1996** | **0.0** | **Manganese** | **5.10E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW20** | **10/29/1996** | **0.0** | **Manganese** | **1.80E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW20** | **2/11/1997** | **0.0** | **Manganese** | **5.00E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW20** | **2/11/1997** | **0.0** | **Manganese** | **1.30E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| CMW20 | 10/29/1996 | 0.0 | Nickel | 2.86E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW20 | 10/29/1996 | 0.0 | Nickel | 3.52E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW20 | 2/11/1997 | 0.0 | Nickel | 2.52E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW20 | 2/11/1997 | 0.0 | Nickel | 1.29E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW20 | 10/29/1996 | 0.0 | Potassium | 2.35E+01 | | NS | NS | NS | NS | |
| CMW20 | 2/11/1997 | 0.0 | Potassium | 8.24E-01 | F | NS | NS | NS | NS | |
| CMW20 | 2/11/1997 | 0.0 | Potassium | 1.59E+01 | | NS | NS | NS | NS | |
| CMW20 | 10/29/1996 | 0.0 | RDX | 5.78E-04 | | NS | NS | 6.11E-04 | MSC | |
| **CMW20** | **2/11/1997** | **0.0** | **RDX** | **7.15E-04** | | **NS** | **NS** | **6.11E-04** | **MSC** | **YES** |
| CMW20 | 10/29/1996 | 0.0 | Silver | 2.39E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW20 | 10/29/1996 | 0.0 | Sodium | 1.16E+02 | F | NS | NS | NS | NS | |
| CMW20 | 10/29/1996 | 0.0 | Sodium | 1.32E+02 | | NS | NS | NS | NS | |
| CMW20 | 2/11/1997 | 0.0 | Sodium | 1.16E+02 | F | NS | NS | NS | NS | |
| CMW20 | 2/11/1997 | 0.0 | Sodium | 1.27E+02 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW20 | 10/29/1996 | 0.0 | Thallium | 3.42E-04 | | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW20 | 2/11/1997 | 0.0 | Thallium | 1.01E-04 | | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW20 | 10/29/1996 | 0.0 | Vanadium | 2.47E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW20 | 10/29/1996 | 0.0 | Vanadium | 8.96E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW20 | 2/11/1997 | 0.0 | Vanadium | 3.00E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW20 | 2/11/1997 | 0.0 | Vanadium | 3.96E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW20 | 10/29/1996 | 0.0 | Zinc | 5.46E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW20 | 10/29/1996 | 0.0 | Zinc | 9.99E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW20 | 2/11/1997 | 0.0 | Zinc | 3.85E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW21 | 10/23/1998 | 0.0 | Aluminum | 4.70E-01 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 1/27/1999 | 0.0 | Aluminum | 1.85E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 1/27/2000 | 0.0 | Aluminum | 2.56E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 1/27/2000 | 0.0 | Aluminum | 4.03E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 4/17/2000 | 0.0 | Aluminum | 5.46E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 7/27/2000 | 0.0 | Aluminum | 7.38E-01 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 10/18/2000 | 0.0 | Aluminum | 1.29E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 1/22/2001 | 0.0 | Aluminum | 8.46E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Aluminum | 1.91E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Aluminum | 2.79E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 7/24/2001 | 0.0 | Aluminum | 2.63E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 7/24/2001 | 0.0 | Aluminum | 4.88E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 10/11/2001 | 0.0 | Aluminum | 4.28E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 2/21/2002 | 0.0 | Aluminum | 1.95E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 2/21/2002 | 0.0 | Aluminum | 4.14E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 5/1/2002 | 0.0 | Aluminum | 4.01E-02 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 5/1/2002 | 0.0 | Aluminum | 2.63E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 7/18/2002 | 0.0 | Aluminum | 3.83E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 7/18/2002 | 0.0 | Aluminum | 4.31E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Aluminum | 1.65E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Aluminum | 2.87E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 1/31/2003 | 0.0 | Aluminum | 4.19E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 4/10/2003 | 0.0 | Aluminum | 1.03E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 4/10/2003 | 0.0 | Aluminum | 2.52E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW21 | 08/31/2005 | 0.0 | Aluminum | 0.0659 | JF | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **CMW21** | **10/23/1998** | **0.0** | **Aluminum** | **1.23E+01** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW21** | **1/27/1999** | **0.0** | **Aluminum** | **9.27E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW21** | **4/17/2000** | **0.0** | **Aluminum** | **1.61E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW21** | **7/27/2000** | **0.0** | **Aluminum** | **1.06E+01** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW21** | **10/18/2000** | **0.0** | **Aluminum** | **2.05E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW21** | **1/22/2001** | **0.0** | **Aluminum** | **5.42E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW21** | **1/31/2003** | **0.0** | **Aluminum** | **8.28E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW21** | **08/31/2005** | **0.0** | **Aluminum** | **7.66** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW21** | **10/23/1998** | **0.0** | **Ammonia nitrogen** | **4.56E-01** | **FJ** | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| **CMW21** | **10/23/1998** | **0.0** | **Ammonia nitrogen** | **3.81E-01** | **J** | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| CMW21 | 10/23/1998 | 0.0 | Antimony | 7.77E-04 | F | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW21 | 10/23/1998 | 0.0 | Antimony | 1.07E-03 | | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW21 | 4/17/2000 | 0.0 | Antimony | 2.30E-03 | J | NS | 6.00E-03 | 1.46E-02 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW21 | 10/11/2001 | 0.0 | Antimony | 3.98E-04 | FJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW21 | 10/23/2002 | 0.0 | Antimony | 3.99E-04 | FJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW21 | 10/23/2002 | 0.0 | Antimony | 6.35E-04 | J | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW21 | 4/10/2003 | 0.0 | Antimony | 7.72E-04 | FJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW21 | 4/10/2003 | 0.0 | Antimony | 7.26E-04 | J | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW21 | 10/23/1998 | 0.0 | Arsenic | 4.83E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 10/23/1998 | 0.0 | Arsenic | 4.21E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 1/27/1999 | 0.0 | Arsenic | 2.52E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 1/27/1999 | 0.0 | Arsenic | 2.80E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 1/27/2000 | 0.0 | Arsenic | 5.21E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 1/27/2000 | 0.0 | Arsenic | 4.71E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 7/27/2000 | 0.0 | Arsenic | 2.90E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 10/18/2000 | 0.0 | Arsenic | 2.18E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 10/18/2000 | 0.0 | Arsenic | 1.17E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 1/22/2001 | 0.0 | Arsenic | 2.10E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 1/22/2001 | 0.0 | Arsenic | 2.24E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 4/26/2001 | 0.0 | Arsenic | 2.00E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 4/26/2001 | 0.0 | Arsenic | 2.30E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 10/11/2001 | 0.0 | Arsenic | 3.72E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 10/11/2001 | 0.0 | Arsenic | 1.81E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 7/18/2002 | 0.0 | Arsenic | 1.54E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 7/18/2002 | 0.0 | Arsenic | 1.21E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 10/23/2002 | 0.0 | Arsenic | 1.21E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 10/23/2002 | 0.0 | Arsenic | 1.41E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 1/31/2003 | 0.0 | Arsenic | 1.57E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 1/31/2003 | 0.0 | Arsenic | 1.89E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 4/10/2003 | 0.0 | Arsenic | 7.80E-04 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 08/31/2005 | 0.0 | Arsenic | 0.00149 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 08/31/2005 | 0.0 | Arsenic | 0.00119 | JF | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW21 | 10/23/1998 | 0.0 | Barium | 3.75E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 10/23/1998 | 0.0 | Barium | 1.53E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 1/27/1999 | 0.0 | Barium | 1.32E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 1/27/1999 | 0.0 | Barium | 8.84E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 1/27/2000 | 0.0 | Barium | 2.30E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 1/27/2000 | 0.0 | Barium | 2.69E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 4/17/2000 | 0.0 | Barium | 2.89E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 4/17/2000 | 0.0 | Barium | 2.10E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 7/27/2000 | 0.0 | Barium | 3.02E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 7/27/2000 | 0.0 | Barium | 1.57E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 10/18/2000 | 0.0 | Barium | 3.64E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 10/18/2000 | 0.0 | Barium | 1.95E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 1/22/2001 | 0.0 | Barium | 4.40E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 1/22/2001 | 0.0 | Barium | 6.01E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Barium | 3.93E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Barium | 4.71E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 7/24/2001 | 0.0 | Barium | 3.87E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 7/24/2001 | 0.0 | Barium | 5.35E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW21 | 10/11/2001 | 0.0 | Barium | 2.67E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 10/11/2001 | 0.0 | Barium | 5.14E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 2/21/2002 | 0.0 | Barium | 3.86E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 2/21/2002 | 0.0 | Barium | 5.29E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 5/1/2002 | 0.0 | Barium | 2.58E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 5/1/2002 | 0.0 | Barium | 4.49E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 7/18/2002 | 0.0 | Barium | 5.16E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 7/18/2002 | 0.0 | Barium | 5.42E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Barium | 4.18E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Barium | 5.47E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 1/31/2003 | 0.0 | Barium | 6.60E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 1/31/2003 | 0.0 | Barium | 8.62E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 4/10/2003 | 0.0 | Barium | 3.28E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 4/10/2003 | 0.0 | Barium | 4.44E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 08/31/2005 | 0.0 | Barium | 0.0329 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 08/31/2005 | 0.0 | Barium | 0.122 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW21 | 10/23/1998 | 0.0 | Beryllium | 3.78E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW21 | 1/27/1999 | 0.0 | Beryllium | 2.27E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW21 | 1/27/2000 | 0.0 | Beryllium | 1.23E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW21 | 10/18/2000 | 0.0 | Beryllium | 1.10E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW21 | 1/22/2001 | 0.0 | Beryllium | 2.03E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW21 | 7/24/2001 | 0.0 | Beryllium | 5.33E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW21 | 1/31/2003 | 0.0 | Beryllium | 3.02E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW21 | 08/31/2005 | 0.0 | Beryllium | 0.000628 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| **CMW21** | **1/27/1999** | **0.0** | **Boron** | **1.15E+00** | **F** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW21** | **1/27/1999** | **0.0** | **Boron** | **1.24E+00** | | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| CMW21 | 10/23/1998 | 0.0 | Cadmium | 1.33E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW21 | 1/27/1999 | 0.0 | Cadmium | 1.45E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW21 | 1/27/2000 | 0.0 | Cadmium | 2.06E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW21 | 1/31/2003 | 0.0 | Cadmium | 1.76E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW21 | 10/23/1998 | 0.0 | Calcium | 3.05E+00 | FJ | NS | NS | NS | NS | |
| CMW21 | 10/23/1998 | 0.0 | Calcium | 1.59E+01 | J | NS | NS | NS | NS | |
| CMW21 | 1/27/1999 | 0.0 | Calcium | 2.92E+00 | F | NS | NS | NS | NS | |
| CMW21 | 1/27/1999 | 0.0 | Calcium | 7.08E+01 | | NS | NS | NS | NS | |
| CMW21 | 1/27/2000 | 0.0 | Calcium | 1.68E+00 | F | NS | NS | NS | NS | |
| CMW21 | 1/27/2000 | 0.0 | Calcium | 6.72E+01 | | NS | NS | NS | NS | |
| CMW21 | 4/17/2000 | 0.0 | Calcium | 2.13E+01 | | NS | NS | NS | NS | |
| CMW21 | 7/27/2000 | 0.0 | Calcium | 2.26E+00 | F | NS | NS | NS | NS | |
| CMW21 | 7/27/2000 | 0.0 | Calcium | 1.75E+01 | | NS | NS | NS | NS | |
| CMW21 | 10/18/2000 | 0.0 | Calcium | 2.05E+00 | F | NS | NS | NS | NS | |
| CMW21 | 10/18/2000 | 0.0 | Calcium | 1.84E+01 | | NS | NS | NS | NS | |
| CMW21 | 1/22/2001 | 0.0 | Calcium | 2.01E+00 | F | NS | NS | NS | NS | |
| CMW21 | 1/22/2001 | 0.0 | Calcium | 6.45E+01 | | NS | NS | NS | NS | |
| CMW21 | 4/26/2001 | 0.0 | Calcium | 2.96E+00 | FJ | NS | NS | NS | NS | |
| CMW21 | 4/26/2001 | 0.0 | Calcium | 3.98E+00 | J | NS | NS | NS | NS | |
| CMW21 | 7/24/2001 | 0.0 | Calcium | 2.46E+00 | F | NS | NS | NS | NS | |
| CMW21 | 7/24/2001 | 0.0 | Calcium | 3.17E+00 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW21 | 10/11/2001 | 0.0 | Calcium | 2.20E+00 | F | NS | NS | NS | NS | |
| CMW21 | 10/11/2001 | 0.0 | Calcium | 4.18E+00 | | NS | NS | NS | NS | |
| CMW21 | 2/21/2002 | 0.0 | Calcium | 2.50E+00 | F | NS | NS | NS | NS | |
| CMW21 | 2/21/2002 | 0.0 | Calcium | 3.99E+00 | | NS | NS | NS | NS | |
| CMW21 | 5/1/2002 | 0.0 | Calcium | 2.22E+00 | F | NS | NS | NS | NS | |
| CMW21 | 5/1/2002 | 0.0 | Calcium | 3.22E+00 | | NS | NS | NS | NS | |
| CMW21 | 7/18/2002 | 0.0 | Calcium | 3.56E+00 | F | NS | NS | NS | NS | |
| CMW21 | 7/18/2002 | 0.0 | Calcium | 3.53E+00 | | NS | NS | NS | NS | |
| CMW21 | 10/23/2002 | 0.0 | Calcium | 3.49E+00 | F | NS | NS | NS | NS | |
| CMW21 | 10/23/2002 | 0.0 | Calcium | 4.99E+00 | | NS | NS | NS | NS | |
| CMW21 | 1/31/2003 | 0.0 | Calcium | 3.34E+00 | F | NS | NS | NS | NS | |
| CMW21 | 1/31/2003 | 0.0 | Calcium | 6.78E+01 | | NS | NS | NS | NS | |
| CMW21 | 4/10/2003 | 0.0 | Calcium | 2.08E+00 | F | NS | NS | NS | NS | |
| CMW21 | 4/10/2003 | 0.0 | Calcium | 2.65E+00 | | NS | NS | NS | NS | |
| CMW21 | 08/31/2005 | 0.0 | Calcium | 1.91 | F | NS | NS | NS | NS | |
| CMW21 | 08/31/2005 | 0.0 | Calcium | 12 | | NS | NS | NS | NS | |
| CMW21 | 10/23/1998 | 0.0 | Chloride | 1.67E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW21 | 1/28/1999 | 0.0 | Chloride | 1.41E-02 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW21 | 10/23/1998 | 0.0 | Chromium | 1.68E-02 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 1/27/2000 | 0.0 | Chromium | 1.27E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 4/17/2000 | 0.0 | Chromium | 1.32E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 10/18/2000 | 0.0 | Chromium | 1.19E-03 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 10/18/2000 | 0.0 | Chromium | 1.89E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 1/22/2001 | 0.0 | Chromium | 5.86E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Chromium | 2.50E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 2/21/2002 | 0.0 | Chromium | 7.48E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 7/18/2002 | 0.0 | Chromium | 6.55E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Chromium | 6.64E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Chromium | 1.12E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 4/10/2003 | 0.0 | Chromium | 4.65E-03 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 4/10/2003 | 0.0 | Chromium | 7.69E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 08/31/2005 | 0.0 | Chromium | 0.00794 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW21 | 08/31/2005 | 0.0 | Chromium | 0.0038 | JF | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| **CMW21** | **1/27/1999** | **0.0** | **Chromium** | **6.61E-02** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **CMW21** | **1/31/2003** | **0.0** | **Chromium** | **5.08E-02** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| CMW21 | 1/27/2000 | 0.0 | Cobalt | 1.91E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW21 | 1/27/2000 | 0.0 | Cobalt | 5.83E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Cobalt | 2.00E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Cobalt | 3.80E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW21 | 7/18/2002 | 0.0 | Cobalt | 2.56E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW21 | 7/18/2002 | 0.0 | Cobalt | 7.69E-05 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Cobalt | 2.53E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Cobalt | 3.46E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW21 | 1/31/2003 | 0.0 | Cobalt | 1.43E-02 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW21 | 4/10/2003 | 0.0 | Cobalt | 2.57E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW21 | 4/10/2003 | 0.0 | Cobalt | 5.12E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW21 | 1/27/1999 | 0.0 | Copper | 1.05E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW21 | 10/18/2000 | 0.0 | Copper | 7.74E-03 | FJ | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW21 | 1/31/2003 | 0.0 | Copper | 8.29E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW21 | 1/28/1999 | 0.0 | Fluoride | 4.02E-03 | | 1.60E+00 | 4.00E+00 | 2.19E+00 | NMWQCC | |
| CMW21 | 10/23/1998 | 0.0 | Iron | 1.73E-01 | FJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW21 | 1/27/1999 | 0.0 | Iron | 7.04E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW21 | 1/27/2000 | 0.0 | Iron | 8.54E-02 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW21 | 4/17/2000 | 0.0 | Iron | 1.93E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW21 | 7/27/2000 | 0.0 | Iron | 3.09E-01 | FJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW21 | 10/18/2000 | 0.0 | Iron | 4.31E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW21 | 1/22/2001 | 0.0 | Iron | 2.86E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Iron | 7.18E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW21 | 7/24/2001 | 0.0 | Iron | 8.64E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW21 | 2/21/2002 | 0.0 | Iron | 6.95E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Iron | 6.99E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW21 | 4/10/2003 | 0.0 | Iron | 3.98E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **CMW21** | **10/23/1998** | **0.0** | **Iron** | **5.90E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **1/27/1999** | **0.0** | **Iron** | **3.83E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **1/27/2000** | **0.0** | **Iron** | **2.00E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **4/17/2000** | **0.0** | **Iron** | **8.72E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **7/27/2000** | **0.0** | **Iron** | **4.52E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **10/18/2000** | **0.0** | **Iron** | **8.06E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **1/22/2001** | **0.0** | **Iron** | **2.29E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **4/26/2001** | **0.0** | **Iron** | **1.15E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **7/24/2001** | **0.0** | **Iron** | **1.68E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **10/11/2001** | **0.0** | **Iron** | **1.56E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **2/21/2002** | **0.0** | **Iron** | **1.51E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **5/1/2002** | **0.0** | **Iron** | **1.16E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **7/18/2002** | **0.0** | **Iron** | **1.38E+00** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **7/18/2002** | **0.0** | **Iron** | **1.58E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **10/23/2002** | **0.0** | **Iron** | **1.04E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **1/31/2003** | **0.0** | **Iron** | **1.78E+00** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **1/31/2003** | **0.0** | **Iron** | **3.39E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **4/10/2003** | **0.0** | **Iron** | **1.08E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW21** | **08/31/2005** | **0.0** | **Iron** | **3.41** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| CMW21 | 10/23/1998 | 0.0 | Lead | 2.84E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 1/27/1999 | 0.0 | Lead | 4.20E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 7/27/2000 | 0.0 | Lead | 1.20E-03 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 7/27/2000 | 0.0 | Lead | 3.80E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 10/18/2000 | 0.0 | Lead | 2.23E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 1/22/2001 | 0.0 | Lead | 8.82E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 4/26/2001 | 0.0 | Lead | 2.50E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 4/26/2001 | 0.0 | Lead | 4.60E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 5/1/2002 | 0.0 | Lead | 2.18E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 7/18/2002 | 0.0 | Lead | 7.60E-03 | F | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 1/31/2003 | 0.0 | Lead | 6.79E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 1/31/2003 | 0.0 | Lead | 1.15E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW21 | 4/10/2003 | 0.0 | Lead | 4.26E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW21 | 4/10/2003 | 0.0 | Lead | 5.23E-04 | J | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| **CMW21** | **1/27/1999** | **0.0** | **Lead** | **1.86E-02** | | **5.00E-02** | **1.50E-02** | | **1.50E-02** | **MCL** | **YES** |
| **CMW21** | **1/27/2000** | **0.0** | **Lead** | **1.72E-02** | | **5.00E-02** | **1.50E-02** | | **1.50E-02** | **MCL** | **YES** |
| CMW21 | 10/23/1998 | 0.0 | Magnesium | 5.95E-01 | FJ | NS | NS | | NS | NS | |
| CMW21 | 10/23/1998 | 0.0 | Magnesium | 3.78E+00 | J | NS | NS | | NS | NS | |
| CMW21 | 1/27/1999 | 0.0 | Magnesium | 9.21E-01 | F | NS | NS | | NS | NS | |
| CMW21 | 1/27/1999 | 0.0 | Magnesium | 2.18E+01 | | NS | NS | | NS | NS | |
| CMW21 | 1/27/2000 | 0.0 | Magnesium | 3.17E-01 | F | NS | NS | | NS | NS | |
| CMW21 | 1/27/2000 | 0.0 | Magnesium | 4.06E+00 | | NS | NS | | NS | NS | |
| CMW21 | 4/17/2000 | 0.0 | Magnesium | 3.96E+00 | | NS | NS | | NS | NS | |
| CMW21 | 7/27/2000 | 0.0 | Magnesium | 4.50E-01 | FJ | NS | NS | | NS | NS | |
| CMW21 | 7/27/2000 | 0.0 | Magnesium | 2.77E+00 | | NS | NS | | NS | NS | |
| CMW21 | 10/18/2000 | 0.0 | Magnesium | 5.62E-01 | F | NS | NS | | NS | NS | |
| CMW21 | 10/18/2000 | 0.0 | Magnesium | 4.36E+00 | | NS | NS | | NS | NS | |
| CMW21 | 1/22/2001 | 0.0 | Magnesium | 5.16E-01 | F | NS | NS | | NS | NS | |
| CMW21 | 1/22/2001 | 0.0 | Magnesium | 1.16E+01 | | NS | NS | | NS | NS | |
| CMW21 | 4/26/2001 | 0.0 | Magnesium | 8.27E-01 | FJ | NS | NS | | NS | NS | |
| CMW21 | 4/26/2001 | 0.0 | Magnesium | 1.02E+00 | J | NS | NS | | NS | NS | |
| CMW21 | 7/24/2001 | 0.0 | Magnesium | 8.71E-01 | F | NS | NS | | NS | NS | |
| CMW21 | 7/24/2001 | 0.0 | Magnesium | 1.29E+00 | | NS | NS | | NS | NS | |
| CMW21 | 10/11/2001 | 0.0 | Magnesium | 3.40E-01 | F | NS | NS | | NS | NS | |
| CMW21 | 10/11/2001 | 0.0 | Magnesium | 1.14E+00 | | NS | NS | | NS | NS | |
| CMW21 | 2/21/2002 | 0.0 | Magnesium | 7.24E-01 | F | NS | NS | | NS | NS | |
| CMW21 | 2/21/2002 | 0.0 | Magnesium | 1.12E+00 | | NS | NS | | NS | NS | |
| CMW21 | 5/1/2002 | 0.0 | Magnesium | 3.22E-01 | F | NS | NS | | NS | NS | |
| CMW21 | 5/1/2002 | 0.0 | Magnesium | 8.41E-01 | | NS | NS | | NS | NS | |
| CMW21 | 7/18/2002 | 0.0 | Magnesium | 1.09E+00 | F | NS | NS | | NS | NS | |
| CMW21 | 7/18/2002 | 0.0 | Magnesium | 1.14E+00 | | NS | NS | | NS | NS | |
| CMW21 | 10/23/2002 | 0.0 | Magnesium | 7.43E-01 | F | NS | NS | | NS | NS | |
| CMW21 | 10/23/2002 | 0.0 | Magnesium | 9.59E-01 | | NS | NS | | NS | NS | |
| CMW21 | 1/31/2003 | 0.0 | Magnesium | 1.05E+00 | F | NS | NS | | NS | NS | |
| CMW21 | 1/31/2003 | 0.0 | Magnesium | 1.79E+01 | | NS | NS | | NS | NS | |
| CMW21 | 4/10/2003 | 0.0 | Magnesium | 4.45E-01 | F | NS | NS | | NS | NS | |
| CMW21 | 4/10/2003 | 0.0 | Magnesium | 7.29E-01 | | NS | NS | | NS | NS | |
| CMW21 | 08/31/2005 | 0.0 | Magnesium | 0.24 | F | NS | NS | | NS | NS | |
| CMW21 | 08/31/2005 | 0.0 | Magnesium | 1.71 | | NS | NS | | NS | NS | |
| CMW21 | 10/23/1998 | 0.0 | Manganese | 1.73E-01 | J | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 1/27/1999 | 0.0 | Manganese | 1.32E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 1/27/2000 | 0.0 | Manganese | 4.59E-03 | FJ | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 10/18/2000 | 0.0 | Manganese | 7.14E-03 | FJ | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 1/22/2001 | 0.0 | Manganese | 7.34E-03 | FJ | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Manganese | 8.00E-03 | FJ | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Manganese | 2.07E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 7/24/2001 | 0.0 | Manganese | 2.54E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 10/11/2001 | 0.0 | Manganese | 3.54E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 2/21/2002 | 0.0 | Manganese | 1.06E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 2/21/2002 | 0.0 | Manganese | 3.58E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW21 | 5/1/2002 | 0.0 | Manganese | 8.07E-03 | FJ | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 5/1/2002 | 0.0 | Manganese | 2.83E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 7/18/2002 | 0.0 | Manganese | 3.30E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 7/18/2002 | 0.0 | Manganese | 3.64E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Manganese | 4.31E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Manganese | 6.52E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 1/31/2003 | 0.0 | Manganese | 5.17E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 08/31/2005 | 0.0 | Manganese | 0.00565 | JF | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW21 | 08/31/2005 | 0.0 | Manganese | 0.138 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| **CMW21** | **1/27/1999** | **0.0** | **Manganese** | **1.06E+00** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW21** | **1/27/2000** | **0.0** | **Manganese** | **8.43E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW21** | **4/17/2000** | **0.0** | **Manganese** | **2.72E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW21** | **7/27/2000** | **0.0** | **Manganese** | **2.05E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW21** | **10/18/2000** | **0.0** | **Manganese** | **2.27E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW21** | **1/22/2001** | **0.0** | **Manganese** | **8.94E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW21** | **1/31/2003** | **0.0** | **Manganese** | **1.06E+00** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| CMW21 | 10/23/2002 | 0.0 | MNX | 8.10E-05 | J | NS | NS | | NS | NS | |
| CMW21 | 1/27/1999 | 0.0 | Molybdenum | 3.65E-02 | J | 1.00E+00 | NS | | 1.83E-01 | NMWQCC | |
| CMW21 | 1/27/1999 | 0.0 | Nickel | 2.97E-02 | FJ | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Nickel | 9.40E-03 | J | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW21 | 1/31/2003 | 0.0 | Nickel | 2.78E-02 | J | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW21 | 4/10/2003 | 0.0 | Nickel | 1.46E-02 | J | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW21 | 10/23/1998 | 0.0 | Nitrate | 1.47E-02 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW21 | 1/28/1999 | 0.0 | Nitrate | 5.21E-02 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW21 | 1/27/2000 | 0.0 | Nitrate | 2.23E-01 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW21 | 7/27/2000 | 0.0 | Nitrate | 1.50E-01 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW21 | 10/18/2000 | 0.0 | Nitrate | 2.08E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW21 | 4/26/2001 | 0.0 | Nitrate | 2.30E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW21 | 7/24/2001 | 0.0 | Nitrate | 1.83E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW21 | 10/11/2001 | 0.0 | Nitrate | 7.39E-02 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW21 | 10/23/1998 | 0.0 | Nitrite | 1.34E-02 | | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW21 | 7/27/2000 | 0.0 | Nitrite | 1.90E-01 | | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW21 | 4/26/2001 | 0.0 | Nitrite | 4.00E-02 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW21 | 7/24/2001 | 0.0 | Nitrite | 2.71E-02 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW21 | 7/18/2002 | 0.0 | Nitrite | 1.27E-02 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW21 | 10/23/2002 | 0.0 | Nitrite | 2.76E-02 | | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW21 | 5/1/2002 | 0.0 | Nitrobenzene | 1.67E-04 | J | NS | NS | | 3.40E-03 | MSC | |
| CMW21 | 10/18/2000 | 0.0 | Perchlorate | 1.50E-02 | | NS | NS | | 2.45E-02 | MSC | |
| CMW21 | 08/31/2005 | 0.0 | Perchlorate | 0.000427 | J | NS | NS | | 2.45E-02 | MSC | |
| CMW21 | 10/23/1998 | 0.0 | Potassium | 1.50E+00 | FJ | NS | NS | | NS | NS | |
| CMW21 | 10/23/1998 | 0.0 | Potassium | 4.16E+00 | J | NS | NS | | NS | NS | |
| CMW21 | 1/27/1999 | 0.0 | Potassium | 2.36E+01 | | NS | NS | | NS | NS | |
| CMW21 | 1/27/2000 | 0.0 | Potassium | 1.22E+00 | FJ | NS | NS | | NS | NS | |
| CMW21 | 4/17/2000 | 0.0 | Potassium | 6.87E-01 | FJ | NS | NS | | NS | NS | |
| CMW21 | 4/17/2000 | 0.0 | Potassium | 4.71E+00 | | NS | NS | | NS | NS | |
| CMW21 | 7/27/2000 | 0.0 | Potassium | 7.89E-01 | FJ | NS | NS | | NS | NS | |
| CMW21 | 7/27/2000 | 0.0 | Potassium | 3.12E+00 | | NS | NS | | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW21 | 10/18/2000 | 0.0 | Potassium | 5.01E+00 | | NS | NS | NS | NS | |
| CMW21 | 1/22/2001 | 0.0 | Potassium | 8.68E-01 | FJ | NS | NS | NS | NS | |
| CMW21 | 1/22/2001 | 0.0 | Potassium | 1.43E+01 | | NS | NS | NS | NS | |
| CMW21 | 4/26/2001 | 0.0 | Potassium | 1.48E+00 | FJ | NS | NS | NS | NS | |
| CMW21 | 4/26/2001 | 0.0 | Potassium | 1.51E+00 | J | NS | NS | NS | NS | |
| CMW21 | 7/24/2001 | 0.0 | Potassium | 1.31E+00 | FJ | NS | NS | NS | NS | |
| CMW21 | 7/24/2001 | 0.0 | Potassium | 1.91E+00 | J | NS | NS | NS | NS | |
| CMW21 | 10/11/2001 | 0.0 | Potassium | 1.75E+00 | J | NS | NS | NS | NS | |
| CMW21 | 2/21/2002 | 0.0 | Potassium | 1.07E+00 | FJ | NS | NS | NS | NS | |
| CMW21 | 2/21/2002 | 0.0 | Potassium | 1.69E+00 | J | NS | NS | NS | NS | |
| CMW21 | 5/1/2002 | 0.0 | Potassium | 3.28E-01 | FJ | NS | NS | NS | NS | |
| CMW21 | 5/1/2002 | 0.0 | Potassium | 1.21E+00 | J | NS | NS | NS | NS | |
| CMW21 | 7/18/2002 | 0.0 | Potassium | 1.37E+00 | FJ | NS | NS | NS | NS | |
| CMW21 | 7/18/2002 | 0.0 | Potassium | 1.65E+00 | J | NS | NS | NS | NS | |
| CMW21 | 10/23/2002 | 0.0 | Potassium | 1.21E+00 | FJ | NS | NS | NS | NS | |
| CMW21 | 10/23/2002 | 0.0 | Potassium | 1.45E+00 | J | NS | NS | NS | NS | |
| CMW21 | 1/31/2003 | 0.0 | Potassium | 1.63E+00 | FJ | NS | NS | NS | NS | |
| CMW21 | 1/31/2003 | 0.0 | Potassium | 2.25E+01 | | NS | NS | NS | NS | |
| CMW21 | 4/10/2003 | 0.0 | Potassium | 7.20E-01 | FJ | NS | NS | NS | NS | |
| CMW21 | 4/10/2003 | 0.0 | Potassium | 9.81E-01 | J | NS | NS | NS | NS | |
| CMW21 | 08/31/2005 | 0.0 | Potassium | 2.75 | J | NS | NS | NS | NS | |
| CMW21 | 08/31/2005 | 0.0 | Potassium | 0.697 | JF | NS | NS | NS | NS | |
| CMW21 | 4/10/2003 | 0.0 | RDX | 1.40E-04 | J | NS | NS | 6.11E-04 | MSC | |
| CMW21 | 1/31/2003 | 0.0 | Selenium | 6.16E-04 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW21 | 08/31/2005 | 0.0 | Selenium | 0.000864 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW21 | 10/23/1998 | 0.0 | Sodium | 2.07E+02 | F | NS | NS | NS | NS | |
| CMW21 | 10/23/1998 | 0.0 | Sodium | 2.02E+02 | | NS | NS | NS | NS | |
| CMW21 | 1/27/1999 | 0.0 | Sodium | 2.06E+02 | F | NS | NS | NS | NS | |
| CMW21 | 1/27/1999 | 0.0 | Sodium | 2.03E+02 | | NS | NS | NS | NS | |
| CMW21 | 1/27/2000 | 0.0 | Sodium | 1.98E+02 | F | NS | NS | NS | NS | |
| CMW21 | 1/27/2000 | 0.0 | Sodium | 2.08E+02 | | NS | NS | NS | NS | |
| CMW21 | 4/17/2000 | 0.0 | Sodium | 2.05E+02 | F | NS | NS | NS | NS | |
| CMW21 | 4/17/2000 | 0.0 | Sodium | 2.11E+02 | | NS | NS | NS | NS | |
| CMW21 | 7/27/2000 | 0.0 | Sodium | 2.11E+02 | F | NS | NS | NS | NS | |
| CMW21 | 7/27/2000 | 0.0 | Sodium | 2.08E+02 | | NS | NS | NS | NS | |
| CMW21 | 10/18/2000 | 0.0 | Sodium | 2.12E+02 | F | NS | NS | NS | NS | |
| CMW21 | 10/18/2000 | 0.0 | Sodium | 2.18E+02 | | NS | NS | NS | NS | |
| CMW21 | 1/22/2001 | 0.0 | Sodium | 2.16E+02 | F | NS | NS | NS | NS | |
| CMW21 | 1/22/2001 | 0.0 | Sodium | 2.22E+02 | | NS | NS | NS | NS | |
| CMW21 | 4/26/2001 | 0.0 | Sodium | 2.27E+02 | F | NS | NS | NS | NS | |
| CMW21 | 4/26/2001 | 0.0 | Sodium | 2.27E+02 | | NS | NS | NS | NS | |
| CMW21 | 7/24/2001 | 0.0 | Sodium | 2.08E+02 | F | NS | NS | NS | NS | |
| CMW21 | 7/24/2001 | 0.0 | Sodium | 2.07E+02 | | NS | NS | NS | NS | |
| CMW21 | 10/11/2001 | 0.0 | Sodium | 2.18E+02 | F | NS | NS | NS | NS | |
| CMW21 | 10/11/2001 | 0.0 | Sodium | 2.07E+02 | | NS | NS | NS | NS | |
| CMW21 | 2/21/2002 | 0.0 | Sodium | 2.14E+02 | F | NS | NS | NS | NS | |
| CMW21 | 2/21/2002 | 0.0 | Sodium | 2.09E+02 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW21 | 5/1/2002 | 0.0 | Sodium | 1.98E+02 | F | NS | NS | NS | NS | |
| CMW21 | 5/1/2002 | 0.0 | Sodium | 1.98E+02 | | NS | NS | NS | NS | |
| CMW21 | 7/18/2002 | 0.0 | Sodium | 2.10E+02 | F | NS | NS | NS | NS | |
| CMW21 | 7/18/2002 | 0.0 | Sodium | 2.03E+02 | | NS | NS | NS | NS | |
| CMW21 | 10/23/2002 | 0.0 | Sodium | 2.13E+02 | F | NS | NS | NS | NS | |
| CMW21 | 10/23/2002 | 0.0 | Sodium | 2.15E+02 | | NS | NS | NS | NS | |
| CMW21 | 1/31/2003 | 0.0 | Sodium | 1.95E+02 | F | NS | NS | NS | NS | |
| CMW21 | 1/31/2003 | 0.0 | Sodium | 2.06E+02 | | NS | NS | NS | NS | |
| CMW21 | 4/10/2003 | 0.0 | Sodium | 1.92E+02 | F | NS | NS | NS | NS | |
| CMW21 | 4/10/2003 | 0.0 | Sodium | 1.92E+02 | | NS | NS | NS | NS | |
| CMW21 | 08/31/2005 | 0.0 | Sodium | 198 | F | NS | NS | NS | NS | |
| CMW21 | 08/31/2005 | 0.0 | Sodium | 210 | | NS | NS | NS | NS | |
| CMW21 | 10/23/1998 | 0.0 | Sulfate | 1.12E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW21 | 1/28/1999 | 0.0 | Sulfate | 7.89E-02 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW21 | 4/26/2001 | 0.0 | Thallium | 2.40E-05 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW21 | 1/31/2003 | 0.0 | Thallium | 2.72E-05 | FJ | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW21 | 1/31/2003 | 0.0 | Thallium | 1.70E-04 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW21 | 10/23/1998 | 0.0 | Vanadium | 1.73E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 1/27/1999 | 0.0 | Vanadium | 8.65E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 1/27/1999 | 0.0 | Vanadium | 7.58E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 1/27/2000 | 0.0 | Vanadium | 1.34E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 1/27/2000 | 0.0 | Vanadium | 2.54E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 4/17/2000 | 0.0 | Vanadium | 1.32E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 7/27/2000 | 0.0 | Vanadium | 7.10E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 10/18/2000 | 0.0 | Vanadium | 4.23E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 10/18/2000 | 0.0 | Vanadium | 5.55E-03 | | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 1/22/2001 | 0.0 | Vanadium | 1.98E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 1/22/2001 | 0.0 | Vanadium | 9.39E-03 | | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 4/26/2001 | 0.0 | Vanadium | 4.90E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 4/26/2001 | 0.0 | Vanadium | 6.00E-03 | | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 7/24/2001 | 0.0 | Vanadium | 6.65E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 7/24/2001 | 0.0 | Vanadium | 7.42E-03 | | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 10/11/2001 | 0.0 | Vanadium | 3.80E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 10/11/2001 | 0.0 | Vanadium | 4.34E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 2/21/2002 | 0.0 | Vanadium | 6.11E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 2/21/2002 | 0.0 | Vanadium | 7.56E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 5/1/2002 | 0.0 | Vanadium | 1.51E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 5/1/2002 | 0.0 | Vanadium | 4.63E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 7/18/2002 | 0.0 | Vanadium | 5.40E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 7/18/2002 | 0.0 | Vanadium | 5.09E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 10/23/2002 | 0.0 | Vanadium | 4.64E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 10/23/2002 | 0.0 | Vanadium | 5.27E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 1/31/2003 | 0.0 | Vanadium | 5.72E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 08/31/2005 | 0.0 | Vanadium | 0.0177 | J | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 08/31/2005 | 0.0 | Vanadium | 0.0145 | JF | NS | NS | 1.83E-01 | MSC | |
| CMW21 | 10/23/1998 | 0.0 | Zinc | 6.34E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW21 | 1/27/1999 | 0.0 | Zinc | 2.11E-02 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW21 | 1/27/1999 | 0.0 | Zinc | 1.37E-01 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 4/17/2000 | 0.0 | Zinc | 4.71E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 7/27/2000 | 0.0 | Zinc | 8.40E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 7/27/2000 | 0.0 | Zinc | 2.40E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 1/22/2001 | 0.0 | Zinc | 2.41E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 1/22/2001 | 0.0 | Zinc | 2.62E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 2/21/2002 | 0.0 | Zinc | 3.39E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 2/21/2002 | 0.0 | Zinc | 5.04E-03 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 5/1/2002 | 0.0 | Zinc | 5.52E-03 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Zinc | 5.72E-03 | F | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 10/23/2002 | 0.0 | Zinc | 5.50E-03 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 1/31/2003 | 0.0 | Zinc | 4.67E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 1/31/2003 | 0.0 | Zinc | 6.32E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 08/31/2005 | 0.0 | Zinc | 0.00656 | JF | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW21 | 08/31/2005 | 0.0 | Zinc | 0.0305 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW22 | 10/23/2002 | 0.0 | 2,4,6-Trinitrotoluene | 9.20E-05 | J | NS | NS | | 2.24E-03 | MSC | |
| CMW22 | 10/27/1998 | 0.0 | Aluminum | 8.97E-02 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW22 | 2/2/1999 | 0.0 | Aluminum | 3.18E-01 | FJ | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW22 | 1/22/2001 | 0.0 | Aluminum | 2.95E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW22 | 2/21/2002 | 0.0 | Aluminum | 4.74E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW22 | 5/3/2002 | 0.0 | Aluminum | 8.07E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW22 | 10/25/2002 | 0.0 | Aluminum | 1.12E+00 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW22 | 1/31/2003 | 0.0 | Aluminum | 6.19E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW22 | 4/8/2003 | 0.0 | Aluminum | 3.62E+00 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW22 | 4/8/2003 | 0.0 | Aluminum | 3.99E-01 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| **CMW22** | **10/24/1998** | **0.0** | **Aluminum** | **7.97E+00** | **J** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **1/29/1999** | **0.0** | **Aluminum** | **2.26E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **1/27/2000** | **0.0** | **Aluminum** | **9.52E+00** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **10/19/2000** | **0.0** | **Aluminum** | **2.57E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **4/27/2001** | **0.0** | **Aluminum** | **3.26E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **7/26/2001** | **0.0** | **Aluminum** | **1.43E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **10/11/2001** | **0.0** | **Aluminum** | **1.98E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **2/21/2002** | **0.0** | **Aluminum** | **3.74E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **5/2/2002** | **0.0** | **Aluminum** | **1.49E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **7/17/2002** | **0.0** | **Aluminum** | **9.88E+00** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **10/24/2002** | **0.0** | **Aluminum** | **7.11E+00** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **1/31/2003** | **0.0** | **Aluminum** | **5.66E+00** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **08/29/2005** | **0.0** | **Aluminum** | **7.96** | **F** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW22** | **08/29/2005** | **0.0** | **Aluminum** | **24.1** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| CMW22 | 10/27/1998 | 0.0 | Antimony | 6.31E-04 | F | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW22 | 10/24/1998 | 0.0 | Arsenic | 3.80E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW22 | 10/27/1998 | 0.0 | Arsenic | 5.30E-03 | FJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW22 | 1/29/1999 | 0.0 | Arsenic | 9.35E-04 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW22 | 1/27/2000 | 0.0 | Arsenic | 1.05E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW22 | 4/26/2001 | 0.0 | Arsenic | 1.40E-03 | FJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW22 | 4/27/2001 | 0.0 | Arsenic | 2.50E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW22 | 5/3/2002 | 0.0 | Arsenic | 3.84E-04 | FJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW22 | 7/18/2002 | 0.0 | Arsenic | 5.85E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW22 | 10/24/2002 | 0.0 | Arsenic | 9.24E-04 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW22 | 10/25/2002 | 0.0 | Arsenic | 1.08E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW22 | 08/29/2005 | 0.0 | Arsenic | 0.00102 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW22 | 08/29/2005 | 0.0 | Arsenic | 0.000808 | JF | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW22 | 10/24/1998 | 0.0 | Barium | 1.83E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 10/27/1998 | 0.0 | Barium | 1.33E-01 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 1/29/1999 | 0.0 | Barium | 1.79E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 2/2/1999 | 0.0 | Barium | 1.74E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 1/27/2000 | 0.0 | Barium | 2.40E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 10/19/2000 | 0.0 | Barium | 2.77E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 1/22/2001 | 0.0 | Barium | 9.40E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 4/26/2001 | 0.0 | Barium | 7.71E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 4/27/2001 | 0.0 | Barium | 8.63E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 7/26/2001 | 0.0 | Barium | 2.07E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 10/11/2001 | 0.0 | Barium | 2.83E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 2/21/2002 | 0.0 | Barium | 9.82E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 2/21/2002 | 0.0 | Barium | 8.05E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 5/2/2002 | 0.0 | Barium | 2.27E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 5/3/2002 | 0.0 | Barium | 1.13E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 7/17/2002 | 0.0 | Barium | 2.12E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 7/18/2002 | 0.0 | Barium | 1.06E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 10/24/2002 | 0.0 | Barium | 1.93E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 10/25/2002 | 0.0 | Barium | 1.26E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 1/31/2003 | 0.0 | Barium | 9.41E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 1/31/2003 | 0.0 | Barium | 1.60E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 4/8/2003 | 0.0 | Barium | 1.22E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 4/8/2003 | 0.0 | Barium | 1.68E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 08/29/2005 | 0.0 | Barium | 0.212 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 08/29/2005 | 0.0 | Barium | 0.48 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW22 | 10/24/1998 | 0.0 | Beryllium | 4.80E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW22 | 1/29/1999 | 0.0 | Beryllium | 5.83E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW22 | 10/19/2000 | 0.0 | Beryllium | 7.67E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW22 | 4/27/2001 | 0.0 | Beryllium | 1.30E-03 | | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW22 | 7/26/2001 | 0.0 | Beryllium | 6.94E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW22 | 10/11/2001 | 0.0 | Beryllium | 8.90E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW22 | 2/21/2002 | 0.0 | Beryllium | 2.08E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW22 | 7/17/2002 | 0.0 | Beryllium | 5.63E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW22 | 7/18/2002 | 0.0 | Beryllium | 3.59E-04 | FJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW22 | 08/29/2005 | 0.0 | Beryllium | 0.00197 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW22 | 08/29/2005 | 0.0 | Beryllium | 0.000602 | JF | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW22 | 1/29/1999 | 0.0 | Boron | 2.92E-01 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| CMW22 | 2/2/1999 | 0.0 | Boron | 2.87E-01 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| CMW22 | 10/24/1998 | 0.0 | Cadmium | 1.31E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW22 | 4/27/2001 | 0.0 | Cadmium | 1.10E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW22 | 10/24/1998 | 0.0 | Calcium | 1.32E+01 | J | NS | NS | NS | NS | |
| CMW22 | 10/27/1998 | 0.0 | Calcium | 6.16E+00 | FJ | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW22 | 1/29/1999 | 0.0 | Calcium | 1.26E+01 | | NS | NS | NS | NS | |
| CMW22 | 2/2/1999 | 0.0 | Calcium | 6.04E+00 | F | NS | NS | NS | NS | |
| CMW22 | 1/27/2000 | 0.0 | Calcium | 1.73E+01 | | NS | NS | NS | NS | |
| CMW22 | 10/19/2000 | 0.0 | Calcium | 1.14E+01 | | NS | NS | NS | NS | |
| CMW22 | 1/22/2001 | 0.0 | Calcium | 5.86E+00 | F | NS | NS | NS | NS | |
| CMW22 | 4/26/2001 | 0.0 | Calcium | 5.75E+00 | F | NS | NS | NS | NS | |
| CMW22 | 4/27/2001 | 0.0 | Calcium | 3.20E+01 | | NS | NS | NS | NS | |
| CMW22 | 7/26/2001 | 0.0 | Calcium | 9.77E+00 | | NS | NS | NS | NS | |
| CMW22 | 10/11/2001 | 0.0 | Calcium | 1.16E+01 | | NS | NS | NS | NS | |
| CMW22 | 2/21/2002 | 0.0 | Calcium | 5.71E+00 | F | NS | NS | NS | NS | |
| CMW22 | 2/21/2002 | 0.0 | Calcium | 3.07E+01 | | NS | NS | NS | NS | |
| CMW22 | 5/2/2002 | 0.0 | Calcium | 9.17E+00 | | NS | NS | NS | NS | |
| CMW22 | 5/3/2002 | 0.0 | Calcium | 5.91E+00 | F | NS | NS | NS | NS | |
| CMW22 | 7/17/2002 | 0.0 | Calcium | 8.17E+00 | | NS | NS | NS | NS | |
| CMW22 | 7/18/2002 | 0.0 | Calcium | 5.50E+00 | F | NS | NS | NS | NS | |
| CMW22 | 10/24/2002 | 0.0 | Calcium | 8.53E+00 | | NS | NS | NS | NS | |
| CMW22 | 10/25/2002 | 0.0 | Calcium | 6.29E+00 | F | NS | NS | NS | NS | |
| CMW22 | 1/31/2003 | 0.0 | Calcium | 5.55E+00 | F | NS | NS | NS | NS | |
| CMW22 | 1/31/2003 | 0.0 | Calcium | 7.27E+00 | | NS | NS | NS | NS | |
| CMW22 | 4/8/2003 | 0.0 | Calcium | 6.07E+00 | F | NS | NS | NS | NS | |
| CMW22 | 4/8/2003 | 0.0 | Calcium | 1.32E+01 | | NS | NS | NS | NS | |
| CMW22 | 08/29/2005 | 0.0 | Calcium | 7.62 | F | NS | NS | NS | NS | |
| CMW22 | 08/29/2005 | 0.0 | Calcium | 16.4 | | NS | NS | NS | NS | |
| CMW22 | 1/29/1999 | 0.0 | Chromium | 1.12E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW22 | 10/19/2000 | 0.0 | Chromium | 1.32E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW22 | 4/26/2001 | 0.0 | Chromium | 9.00E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW22 | 4/27/2001 | 0.0 | Chromium | 1.17E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW22 | 10/11/2001 | 0.0 | Chromium | 4.69E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW22 | 2/21/2002 | 0.0 | Chromium | 8.60E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW22 | 5/2/2002 | 0.0 | Chromium | 7.84E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW22 | 10/24/2002 | 0.0 | Chromium | 6.03E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW22 | 10/25/2002 | 0.0 | Chromium | 3.76E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW22 | 08/29/2005 | 0.0 | Chromium | 0.00531 | JF | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW22 | 08/29/2005 | 0.0 | Chromium | 0.0125 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW22 | 1/27/2000 | 0.0 | Cobalt | 2.67E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 4/26/2001 | 0.0 | Cobalt | 1.80E-03 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 4/27/2001 | 0.0 | Cobalt | 5.30E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 7/26/2001 | 0.0 | Cobalt | 1.59E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 2/21/2002 | 0.0 | Cobalt | 4.17E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 7/17/2002 | 0.0 | Cobalt | 5.34E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 10/24/2002 | 0.0 | Cobalt | 5.14E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 10/25/2002 | 0.0 | Cobalt | 1.29E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 4/8/2003 | 0.0 | Cobalt | 3.30E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 4/8/2003 | 0.0 | Cobalt | 1.56E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 08/29/2005 | 0.0 | Cobalt | 0.0011 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 1/29/1999 | 0.0 | Copper | 4.11E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW22 | 4/26/2001 | 0.0 | Copper | 1.75E-02 | FJ | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW22 | 4/27/2001 | 0.0 | Copper | 1.21E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW22 | 2/21/2002 | 0.0 | Copper | 8.74E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW22 | 2/2/1999 | 0.0 | Iron | 1.21E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW22 | 2/21/2002 | 0.0 | Iron | 1.75E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW22 | 5/3/2002 | 0.0 | Iron | 4.06E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW22 | 7/18/2002 | 0.0 | Iron | 4.15E-02 | FJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW22 | 10/25/2002 | 0.0 | Iron | 3.63E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW22 | 1/31/2003 | 0.0 | Iron | 2.57E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW22 | 4/8/2003 | 0.0 | Iron | 4.55E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **CMW22** | **10/24/1998** | **0.0** | **Iron** | **3.57E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **1/29/1999** | **0.0** | **Iron** | **7.77E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **1/27/2000** | **0.0** | **Iron** | **3.50E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **10/19/2000** | **0.0** | **Iron** | **8.77E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **4/27/2001** | **0.0** | **Iron** | **1.51E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **7/26/2001** | **0.0** | **Iron** | **4.92E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **10/11/2001** | **0.0** | **Iron** | **6.52E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **2/21/2002** | **0.0** | **Iron** | **1.42E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **5/2/2002** | **0.0** | **Iron** | **4.90E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **7/17/2002** | **0.0** | **Iron** | **3.40E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **10/24/2002** | **0.0** | **Iron** | **2.44E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **1/31/2003** | **0.0** | **Iron** | **2.06E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **4/8/2003** | **0.0** | **Iron** | **1.28E+00** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **08/29/2005** | **0.0** | **Iron** | **2.84** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW22** | **08/29/2005** | **0.0** | **Iron** | **8.74** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| CMW22 | 10/24/1998 | 0.0 | Lead | 3.46E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 10/27/1998 | 0.0 | Lead | 7.85E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 1/29/1999 | 0.0 | Lead | 5.23E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 2/2/1999 | 0.0 | Lead | 3.37E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 1/27/2000 | 0.0 | Lead | 6.46E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 10/19/2000 | 0.0 | Lead | 3.82E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 4/26/2001 | 0.0 | Lead | 2.50E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 4/27/2001 | 0.0 | Lead | 1.01E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 10/11/2001 | 0.0 | Lead | 3.15E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 2/21/2002 | 0.0 | Lead | 1.45E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 5/2/2002 | 0.0 | Lead | 2.94E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 7/17/2002 | 0.0 | Lead | 2.23E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 10/24/2002 | 0.0 | Lead | 1.36E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 1/31/2003 | 0.0 | Lead | 1.78E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 4/8/2003 | 0.0 | Lead | 9.58E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 4/8/2003 | 0.0 | Lead | 4.74E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 08/29/2005 | 0.0 | Lead | 0.00239 | F | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 08/29/2005 | 0.0 | Lead | 0.00676 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW22 | 10/24/1998 | 0.0 | Magnesium | 4.00E+00 | J | NS | NS | NS | NS | |
| CMW22 | 10/27/1998 | 0.0 | Magnesium | 8.45E-01 | FJ | NS | NS | NS | NS | |
| CMW22 | 1/29/1999 | 0.0 | Magnesium | 6.12E+00 | | NS | NS | NS | NS | |
| CMW22 | 2/2/1999 | 0.0 | Magnesium | 1.00E+00 | F | NS | NS | NS | NS | |
| CMW22 | 1/27/2000 | 0.0 | Magnesium | 3.61E+00 | | NS | NS | NS | NS | |

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***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW22 | 10/19/2000 | 0.0 | Magnesium | 5.52E+00 | | NS | NS | | NS | NS | |
| CMW22 | 1/22/2001 | 0.0 | Magnesium | 9.20E-01 | F | NS | NS | | NS | NS | |
| CMW22 | 4/26/2001 | 0.0 | Magnesium | 7.99E-01 | FJ | NS | NS | | NS | NS | |
| CMW22 | 4/27/2001 | 0.0 | Magnesium | 9.68E+00 | | NS | NS | | NS | NS | |
| CMW22 | 7/26/2001 | 0.0 | Magnesium | 3.84E+00 | | NS | NS | | NS | NS | |
| CMW22 | 10/11/2001 | 0.0 | Magnesium | 4.57E+00 | | NS | NS | | NS | NS | |
| CMW22 | 2/21/2002 | 0.0 | Magnesium | 9.15E-01 | F | NS | NS | | NS | NS | |
| CMW22 | 2/21/2002 | 0.0 | Magnesium | 1.06E+01 | | NS | NS | | NS | NS | |
| CMW22 | 5/2/2002 | 0.0 | Magnesium | 3.85E+00 | | NS | NS | | NS | NS | |
| CMW22 | 5/3/2002 | 0.0 | Magnesium | 1.01E+00 | F | NS | NS | | NS | NS | |
| CMW22 | 7/17/2002 | 0.0 | Magnesium | 2.88E+00 | | NS | NS | | NS | NS | |
| CMW22 | 7/18/2002 | 0.0 | Magnesium | 8.02E-01 | F | NS | NS | | NS | NS | |
| CMW22 | 10/24/2002 | 0.0 | Magnesium | 2.29E+00 | | NS | NS | | NS | NS | |
| CMW22 | 10/25/2002 | 0.0 | Magnesium | 1.10E+00 | F | NS | NS | | NS | NS | |
| CMW22 | 1/31/2003 | 0.0 | Magnesium | 9.32E-01 | F | NS | NS | | NS | NS | |
| CMW22 | 1/31/2003 | 0.0 | Magnesium | 1.93E+00 | | NS | NS | | NS | NS | |
| CMW22 | 4/8/2003 | 0.0 | Magnesium | 1.51E+00 | F | NS | NS | | NS | NS | |
| CMW22 | 4/8/2003 | 0.0 | Magnesium | 1.37E+00 | | NS | NS | | NS | NS | |
| CMW22 | 08/29/2005 | 0.0 | Magnesium | 2.32 | F | NS | NS | | NS | NS | |
| CMW22 | 08/29/2005 | 0.0 | Magnesium | 5.83 | | NS | NS | | NS | NS | |
| CMW22 | 10/24/1998 | 0.0 | Manganese | 1.47E-01 | J | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 2/2/1999 | 0.0 | Manganese | 5.09E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 1/22/2001 | 0.0 | Manganese | 7.51E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 4/26/2001 | 0.0 | Manganese | 5.62E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 7/26/2001 | 0.0 | Manganese | 1.98E-01 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 2/21/2002 | 0.0 | Manganese | 5.00E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 5/2/2002 | 0.0 | Manganese | 1.53E-01 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 5/3/2002 | 0.0 | Manganese | 8.34E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 7/17/2002 | 0.0 | Manganese | 1.15E-01 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 7/18/2002 | 0.0 | Manganese | 1.31E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 10/24/2002 | 0.0 | Manganese | 7.99E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 10/25/2002 | 0.0 | Manganese | 3.79E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 1/31/2003 | 0.0 | Manganese | 2.16E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 1/31/2003 | 0.0 | Manganese | 7.65E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 4/8/2003 | 0.0 | Manganese | 2.89E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 4/8/2003 | 0.0 | Manganese | 1.94E-01 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW22 | 08/29/2005 | 0.0 | Manganese | 0.111 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| **CMW22** | **1/29/1999** | **0.0** | **Manganese** | **2.89E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW22** | **1/27/2000** | **0.0** | **Manganese** | **3.50E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW22** | **10/19/2000** | **0.0** | **Manganese** | **2.68E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW22** | **4/27/2001** | **0.0** | **Manganese** | **7.67E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW22** | **10/11/2001** | **0.0** | **Manganese** | **2.35E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW22** | **2/21/2002** | **0.0** | **Manganese** | **7.24E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW22** | **08/29/2005** | **0.0** | **Manganese** | **0.332** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| CMW22 | 4/27/2001 | 0.0 | Mercury | 6.90E-05 | J | 2.00E-03 | 2.00E-03 | | 1.10E-02 | MCL | |
| CMW22 | 08/29/2005 | 0.0 | Mercury | 0.0000399 | J | 2.00E-03 | 2.00E-03 | | 1.10E-02 | MCL | |
| CMW22 | 4/27/2001 | 0.0 | Nickel | 1.66E-02 | J | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW22 | 2/21/2002 | 0.0 | Nickel | 2.06E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 7/18/2002 | 0.0 | Nickel | 1.23E-02 | FJ | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW22 | 2/22/2002 | 0.0 | Nitrate | 1.76E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW22 | 5/3/2002 | 0.0 | Nitrate | 1.78E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW22 | 7/19/2002 | 0.0 | Nitrate | 1.49E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW22 | 10/28/2002 | 0.0 | Nitrate | 1.29E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW22 | 4/9/2003 | 0.0 | Nitrate | 3.90E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW22 | 5/3/2002 | 0.0 | Nitrite | 1.31E-01 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW22 | 7/19/2002 | 0.0 | Nitrite | 1.95E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW22 | 10/18/2000 | 0.0 | Nitrobenzene | 1.73E-03 | | NS | NS | 3.40E-03 | MSC | |
| CMW22 | 4/25/2001 | 0.0 | Nitrobenzene | 7.90E-05 | J | NS | NS | 3.40E-03 | MSC | |
| CMW22 | 2/20/2002 | 0.0 | Nitrobenzene | 1.20E-04 | J | NS | NS | 3.40E-03 | MSC | |
| CMW22 | 10/18/2000 | 0.0 | Perchlorate | 4.70E-03 | | NS | NS | 2.45E-02 | MSC | |
| CMW22 | 10/24/1998 | 0.0 | Potassium | 1.90E+00 | J | NS | NS | NS | NS | |
| CMW22 | 10/27/1998 | 0.0 | Potassium | 1.11E+00 | FJ | NS | NS | NS | NS | |
| CMW22 | 1/29/1999 | 0.0 | Potassium | 3.24E+00 | | NS | NS | NS | NS | |
| CMW22 | 2/2/1999 | 0.0 | Potassium | 1.28E+00 | FJ | NS | NS | NS | NS | |
| CMW22 | 10/19/2000 | 0.0 | Potassium | 3.60E+00 | | NS | NS | NS | NS | |
| CMW22 | 1/22/2001 | 0.0 | Potassium | 7.19E-01 | FJ | NS | NS | NS | NS | |
| CMW22 | 4/27/2001 | 0.0 | Potassium | 5.89E+00 | | NS | NS | NS | NS | |
| CMW22 | 7/26/2001 | 0.0 | Potassium | 2.27E+00 | J | NS | NS | NS | NS | |
| CMW22 | 10/11/2001 | 0.0 | Potassium | 2.73E+00 | J | NS | NS | NS | NS | |
| CMW22 | 2/21/2002 | 0.0 | Potassium | 7.93E-01 | FJ | NS | NS | NS | NS | |
| CMW22 | 2/21/2002 | 0.0 | Potassium | 5.66E+00 | | NS | NS | NS | NS | |
| CMW22 | 5/2/2002 | 0.0 | Potassium | 2.23E+00 | J | NS | NS | NS | NS | |
| CMW22 | 5/3/2002 | 0.0 | Potassium | 6.79E-01 | FJ | NS | NS | NS | NS | |
| CMW22 | 7/17/2002 | 0.0 | Potassium | 1.62E+00 | J | NS | NS | NS | NS | |
| CMW22 | 7/18/2002 | 0.0 | Potassium | 1.03E+00 | FJ | NS | NS | NS | NS | |
| CMW22 | 10/24/2002 | 0.0 | Potassium | 1.81E+00 | J | NS | NS | NS | NS | |
| CMW22 | 10/25/2002 | 0.0 | Potassium | 8.88E-01 | FJ | NS | NS | NS | NS | |
| CMW22 | 1/31/2003 | 0.0 | Potassium | 9.20E-01 | FJ | NS | NS | NS | NS | |
| CMW22 | 1/31/2003 | 0.0 | Potassium | 1.61E+00 | J | NS | NS | NS | NS | |
| CMW22 | 4/8/2003 | 0.0 | Potassium | 9.94E-01 | FJ | NS | NS | NS | NS | |
| CMW22 | 4/8/2003 | 0.0 | Potassium | 5.59E-01 | J | NS | NS | NS | NS | |
| CMW22 | 08/29/2005 | 0.0 | Potassium | 1.5 | JF | NS | NS | NS | NS | |
| CMW22 | 08/29/2005 | 0.0 | Potassium | 3.53 | | NS | NS | NS | NS | |
| CMW22 | 10/23/2002 | 0.0 | RDX | 6.40E-05 | J | NS | NS | 6.11E-04 | MSC | |
| CMW22 | 4/7/2003 | 0.0 | RDX | 9.30E-05 | J | NS | NS | 6.11E-04 | MSC | |
| CMW22 | 8/29/2005 | 0.0 | RDX | 0.000068 | J | NS | NS | 6.11E-04 | MSC | |
| CMW22 | 10/24/1998 | 0.0 | Selenium | 1.14E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW22 | 10/27/1998 | 0.0 | Selenium | 1.89E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW22 | 1/29/1999 | 0.0 | Selenium | 4.13E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW22 | 4/27/2001 | 0.0 | Silver | 6.00E-04 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW22 | 10/24/1998 | 0.0 | Sodium | 1.47E+02 | | NS | NS | NS | NS | |
| CMW22 | 10/27/1998 | 0.0 | Sodium | 1.53E+02 | F | NS | NS | NS | NS | |
| CMW22 | 1/29/1999 | 0.0 | Sodium | 1.57E+02 | | NS | NS | NS | NS | |
| CMW22 | 2/2/1999 | 0.0 | Sodium | 1.59E+02 | F | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW22 | 1/27/2000 | 0.0 | Sodium | 1.65E+02 | | NS | NS | NS | NS | |
| CMW22 | 10/19/2000 | 0.0 | Sodium | 1.83E+02 | | NS | NS | NS | NS | |
| CMW22 | 1/22/2001 | 0.0 | Sodium | 1.69E+02 | F | NS | NS | NS | NS | |
| CMW22 | 4/26/2001 | 0.0 | Sodium | 1.66E+02 | F | NS | NS | NS | NS | |
| CMW22 | 4/27/2001 | 0.0 | Sodium | 1.83E+02 | | NS | NS | NS | NS | |
| CMW22 | 7/26/2001 | 0.0 | Sodium | 1.60E+02 | | NS | NS | NS | NS | |
| CMW22 | 10/11/2001 | 0.0 | Sodium | 1.65E+02 | | NS | NS | NS | NS | |
| CMW22 | 2/21/2002 | 0.0 | Sodium | 1.74E+02 | F | NS | NS | NS | NS | |
| CMW22 | 2/21/2002 | 0.0 | Sodium | 1.70E+02 | | NS | NS | NS | NS | |
| CMW22 | 5/2/2002 | 0.0 | Sodium | 1.59E+02 | | NS | NS | NS | NS | |
| CMW22 | 5/3/2002 | 0.0 | Sodium | 1.71E+02 | F | NS | NS | NS | NS | |
| CMW22 | 7/17/2002 | 0.0 | Sodium | 1.66E+02 | | NS | NS | NS | NS | |
| CMW22 | 7/18/2002 | 0.0 | Sodium | 1.56E+02 | F | NS | NS | NS | NS | |
| CMW22 | 10/24/2002 | 0.0 | Sodium | 1.70E+02 | | NS | NS | NS | NS | |
| CMW22 | 10/25/2002 | 0.0 | Sodium | 1.75E+02 | F | NS | NS | NS | NS | |
| CMW22 | 1/31/2003 | 0.0 | Sodium | 1.50E+02 | F | NS | NS | NS | NS | |
| CMW22 | 1/31/2003 | 0.0 | Sodium | 1.55E+02 | | NS | NS | NS | NS | |
| CMW22 | 4/8/2003 | 0.0 | Sodium | 1.51E+02 | F | NS | NS | NS | NS | |
| CMW22 | 4/8/2003 | 0.0 | Sodium | 1.50E+02 | | NS | NS | NS | NS | |
| CMW22 | 08/29/2005 | 0.0 | Sodium | 157 | F | NS | NS | NS | NS | |
| CMW22 | 08/29/2005 | 0.0 | Sodium | 166 | | NS | NS | NS | NS | |
| CMW22 | 4/27/2001 | 0.0 | Thallium | 1.40E-04 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW22 | 1/31/2003 | 0.0 | Thallium | 3.21E-05 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW22 | 08/29/2005 | 0.0 | Thallium | 0.0000796 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW22 | 08/29/2005 | 0.0 | Thallium | 0.0000498 | JF | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW22 | 1/29/1999 | 0.0 | Vanadium | 1.68E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 1/27/2000 | 0.0 | Vanadium | 6.07E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 10/19/2000 | 0.0 | Vanadium | 2.37E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 4/27/2001 | 0.0 | Vanadium | 1.36E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 2/21/2002 | 0.0 | Vanadium | 7.64E-04 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 2/21/2002 | 0.0 | Vanadium | 7.66E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 5/2/2002 | 0.0 | Vanadium | 3.97E-04 | J | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 7/17/2002 | 0.0 | Vanadium | 2.43E-04 | J | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 10/24/2002 | 0.0 | Vanadium | 1.03E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 10/25/2002 | 0.0 | Vanadium | 8.32E-04 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 08/29/2005 | 0.0 | Vanadium | 0.0207 | J | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 08/29/2005 | 0.0 | Vanadium | 0.00809 | JF | NS | NS | 1.83E-01 | MSC | |
| CMW22 | 10/24/1998 | 0.0 | Zinc | 5.84E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW22 | 1/29/1999 | 0.0 | Zinc | 6.20E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW22 | 1/27/2000 | 0.0 | Zinc | 5.98E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW22 | 10/19/2000 | 0.0 | Zinc | 2.46E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW22 | 1/22/2001 | 0.0 | Zinc | 5.12E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW22 | 4/26/2001 | 0.0 | Zinc | 7.80E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW22 | 4/27/2001 | 0.0 | Zinc | 7.62E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW22 | 7/26/2001 | 0.0 | Zinc | 2.58E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW22 | 10/11/2001 | 0.0 | Zinc | 1.53E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW22 | 2/21/2002 | 0.0 | Zinc | 3.81E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW22 | 2/21/2002 | 0.0 | Zinc | 3.85E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW22 | 5/2/2002 | 0.0 | Zinc | 6.19E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW22 | 10/24/2002 | 0.0 | Zinc | 9.61E-03 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW22 | 10/25/2002 | 0.0 | Zinc | 3.01E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW22 | 1/31/2003 | 0.0 | Zinc | 4.61E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW22 | 1/31/2003 | 0.0 | Zinc | 7.23E-03 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW22 | 08/29/2005 | 0.0 | Zinc | 0.0246 | F | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW22 | 08/29/2005 | 0.0 | Zinc | 0.0398 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| CMW23 | 7/17/2002 | 0.0 | 2,6-Dinitrotoluene | 2.10E-04 | J | NS | NS | | 3.65E-02 | MSC | |
| CMW23 | 10/28/2002 | 0.0 | 2,6-Dinitrotoluene | 9.10E-05 | J | NS | NS | | 3.65E-02 | MSC | |
| CMW23 | 1/30/2003 | 0.0 | 2,6-Dinitrotoluene | 8.90E-05 | J | NS | NS | | 3.65E-02 | MSC | |
| CMW23 | 10/23/1998 | 0.0 | Aluminum | 8.33E-02 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW23 | 1/26/1999 | 0.0 | Aluminum | 4.26E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW23 | 7/27/2001 | 0.0 | Aluminum | 2.27E-01 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW23 | 10/11/2001 | 0.0 | Aluminum | 4.90E+00 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW23 | 2/21/2002 | 0.0 | Aluminum | 1.49E+00 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW23 | 7/17/2002 | 0.0 | Aluminum | 2.84E+00 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW23 | 7/17/2002 | 0.0 | Aluminum | 1.34E+00 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| CMW23 | 08/31/2005 | 0.0 | Aluminum | 0.0522 | JF | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| **CMW23** | **10/22/1998** | **0.0** | **Aluminum** | **4.67E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **1/26/1999** | **0.0** | **Aluminum** | **1.82E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **7/27/2001** | **0.0** | **Aluminum** | **2.35E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **10/11/2001** | **0.0** | **Aluminum** | **3.29E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **2/21/2002** | **0.0** | **Aluminum** | **2.31E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **5/2/2002** | **0.0** | **Aluminum** | **9.29E+00** | **F** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **5/2/2002** | **0.0** | **Aluminum** | **7.71E+00** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **10/28/2002** | **0.0** | **Aluminum** | **6.63E+00** | **F** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **10/28/2002** | **0.0** | **Aluminum** | **6.25E+00** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **1/30/2003** | **0.0** | **Aluminum** | **3.37E+01** | **F** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **1/30/2003** | **0.0** | **Aluminum** | **1.83E+02** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **4/10/2003** | **0.0** | **Aluminum** | **1.82E+01** | **F** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **4/10/2003** | **0.0** | **Aluminum** | **2.51E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW23** | **08/31/2005** | **0.0** | **Aluminum** | **15.7** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| CMW23 | 10/22/1998 | 0.0 | Ammonia nitrogen | 1.99E-01 | | NS | NS | | 2.09E-01 | MSC | |
| CMW23 | 1/26/1999 | 0.0 | Ammonia nitrogen | 1.69E-01 | | NS | NS | | 2.09E-01 | MSC | |
| CMW23 | 10/22/1998 | 0.0 | Antimony | 9.60E-04 | | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW23 | 10/23/1998 | 0.0 | Antimony | 7.06E-04 | F | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW23 | 10/11/2001 | 0.0 | Antimony | 1.95E-03 | FJ | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| CMW23 | 1/26/1999 | 0.0 | Arsenic | 3.19E-03 | FJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW23 | 1/26/1999 | 0.0 | Arsenic | 9.11E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW23 | 10/11/2001 | 0.0 | Arsenic | 3.95E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW23 | 10/11/2001 | 0.0 | Arsenic | 1.48E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW23 | 5/2/2002 | 0.0 | Arsenic | 3.36E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW23 | 5/2/2002 | 0.0 | Arsenic | 1.48E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW23 | 7/17/2002 | 0.0 | Arsenic | 2.52E-03 | FJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW23 | 7/17/2002 | 0.0 | Arsenic | 1.26E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| CMW23 | 10/28/2002 | 0.0 | Arsenic | 2.82E-03 | FJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW23 | 10/28/2002 | 0.0 | Arsenic | 3.48E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW23 | 1/30/2003 | 0.0 | Arsenic | 3.60E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW23 | 1/30/2003 | 0.0 | Arsenic | 5.57E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW23 | 4/10/2003 | 0.0 | Arsenic | 1.25E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW23 | 4/10/2003 | 0.0 | Arsenic | 2.35E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW23 | 08/31/2005 | 0.0 | Arsenic | 0.00316 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW23 | 08/31/2005 | 0.0 | Arsenic | 0.00358 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| **CMW23** | **10/22/1998** | **0.0** | **Arsenic** | **1.04E-02** | **J** | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| **CMW23** | **10/23/1998** | **0.0** | **Arsenic** | **1.01E-02** | **F** | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| CMW23 | 10/22/1998 | 0.0 | Barium | 1.60E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 10/23/1998 | 0.0 | Barium | 2.98E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 1/26/1999 | 0.0 | Barium | 2.94E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 1/26/1999 | 0.0 | Barium | 4.02E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 7/27/2001 | 0.0 | Barium | 2.31E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 7/27/2001 | 0.0 | Barium | 5.39E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 10/11/2001 | 0.0 | Barium | 2.16E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 10/11/2001 | 0.0 | Barium | 5.61E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 2/21/2002 | 0.0 | Barium | 2.00E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 2/21/2002 | 0.0 | Barium | 4.07E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 5/2/2002 | 0.0 | Barium | 2.56E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 5/2/2002 | 0.0 | Barium | 2.12E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 7/17/2002 | 0.0 | Barium | 1.78E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 7/17/2002 | 0.0 | Barium | 2.93E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 10/28/2002 | 0.0 | Barium | 2.46E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 10/28/2002 | 0.0 | Barium | 2.28E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 1/30/2003 | 0.0 | Barium | 4.50E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 1/30/2003 | 0.0 | Barium | 3.47E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 4/10/2003 | 0.0 | Barium | 3.19E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 4/10/2003 | 0.0 | Barium | 3.32E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 08/31/2005 | 0.0 | Barium | 0.00678 | JF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 08/31/2005 | 0.0 | Barium | 0.0403 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW23 | 10/22/1998 | 0.0 | Beryllium | 1.51E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW23 | 1/26/1999 | 0.0 | Beryllium | 5.16E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW23 | 7/27/2001 | 0.0 | Beryllium | 9.53E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW23 | 2/21/2002 | 0.0 | Beryllium | 8.08E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW23 | 5/2/2002 | 0.0 | Beryllium | 4.85E-04 | FJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW23 | 7/17/2002 | 0.0 | Beryllium | 5.06E-04 | FJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW23 | 10/28/2002 | 0.0 | Beryllium | 4.51E-04 | FJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW23 | 1/30/2003 | 0.0 | Beryllium | 9.51E-04 | FJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW23 | 4/10/2003 | 0.0 | Beryllium | 4.23E-04 | FJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW23 | 4/10/2003 | 0.0 | Beryllium | 1.02E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW23 | 08/31/2005 | 0.0 | Beryllium | 0.000583 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| **CMW23** | **1/30/2003** | **0.0** | **Beryllium** | **5.72E-03** | | **NS** | **4.00E-03** | **7.30E-02** | **MCL** | **YES** |
| CMW23 | 1/26/1999 | 0.0 | Boron | 5.42E-01 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| CMW23 | 1/26/1999 | 0.0 | Boron | 4.77E-01 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| CMW23 | 10/22/1998 | 0.0 | Cadmium | 5.44E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW23 | 10/23/1998 | 0.0 | Cadmium | 1.48E-04 | F | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW23 | 1/30/2003 | 0.0 | Cadmium | 2.73E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW23 | 08/31/2005 | 0.0 | Cadmium | 0.000285 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW23 | 08/31/2005 | 0.0 | Cadmium | 0.000459 | JF | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW23 | 10/22/1998 | 0.0 | Calcium | 6.69E+01 | | NS | NS | NS | NS | |
| CMW23 | 10/23/1998 | 0.0 | Calcium | 3.66E+01 | FJ | NS | NS | NS | NS | |
| CMW23 | 1/26/1999 | 0.0 | Calcium | 1.10E+01 | F | NS | NS | NS | NS | |
| CMW23 | 1/26/1999 | 0.0 | Calcium | 1.66E+01 | | NS | NS | NS | NS | |
| CMW23 | 7/27/2001 | 0.0 | Calcium | 1.87E+01 | F | NS | NS | NS | NS | |
| CMW23 | 7/27/2001 | 0.0 | Calcium | 2.46E+01 | | NS | NS | NS | NS | |
| CMW23 | 10/11/2001 | 0.0 | Calcium | 1.33E+01 | F | NS | NS | NS | NS | |
| CMW23 | 10/11/2001 | 0.0 | Calcium | 2.22E+01 | | NS | NS | NS | NS | |
| CMW23 | 2/21/2002 | 0.0 | Calcium | 1.55E+01 | F | NS | NS | NS | NS | |
| CMW23 | 2/21/2002 | 0.0 | Calcium | 2.28E+01 | | NS | NS | NS | NS | |
| CMW23 | 5/2/2002 | 0.0 | Calcium | 1.42E+01 | F | NS | NS | NS | NS | |
| CMW23 | 5/2/2002 | 0.0 | Calcium | 1.53E+01 | | NS | NS | NS | NS | |
| CMW23 | 7/17/2002 | 0.0 | Calcium | 1.40E+01 | F | NS | NS | NS | NS | |
| CMW23 | 7/17/2002 | 0.0 | Calcium | 3.73E+00 | | NS | NS | NS | NS | |
| CMW23 | 10/28/2002 | 0.0 | Calcium | 2.02E+01 | F | NS | NS | NS | NS | |
| CMW23 | 10/28/2002 | 0.0 | Calcium | 2.01E+01 | | NS | NS | NS | NS | |
| CMW23 | 1/30/2003 | 0.0 | Calcium | 1.89E+01 | F | NS | NS | NS | NS | |
| CMW23 | 1/30/2003 | 0.0 | Calcium | 6.71E+01 | | NS | NS | NS | NS | |
| CMW23 | 4/10/2003 | 0.0 | Calcium | 1.17E+01 | F | NS | NS | NS | NS | |
| CMW23 | 4/10/2003 | 0.0 | Calcium | 1.41E+01 | | NS | NS | NS | NS | |
| CMW23 | 08/31/2005 | 0.0 | Calcium | 29.3 | F | NS | NS | NS | NS | |
| CMW23 | 08/31/2005 | 0.0 | Calcium | 30.4 | | NS | NS | NS | NS | |
| CMW23 | 10/23/1998 | 0.0 | Chloride | 7.92E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW23 | 1/26/1999 | 0.0 | Chloride | 5.23E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW23 | 10/23/1998 | 0.0 | Chromium | 4.42E-02 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW23 | 1/26/1999 | 0.0 | Chromium | 2.48E-02 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW23 | 10/11/2001 | 0.0 | Chromium | 1.57E-03 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW23 | 10/11/2001 | 0.0 | Chromium | 3.01E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW23 | 2/21/2002 | 0.0 | Chromium | 4.13E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW23 | 5/2/2002 | 0.0 | Chromium | 8.56E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW23 | 7/17/2002 | 0.0 | Chromium | 1.36E-03 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW23 | 10/28/2002 | 0.0 | Chromium | 2.20E-03 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW23 | 10/28/2002 | 0.0 | Chromium | 1.63E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW23 | 4/10/2003 | 0.0 | Chromium | 4.77E-03 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW23 | 4/10/2003 | 0.0 | Chromium | 8.70E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW23 | 08/31/2005 | 0.0 | Chromium | 0.00623 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| **CMW23** | **10/22/1998** | **0.0** | **Chromium** | **6.51E-02** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **CMW23** | **1/26/1999** | **0.0** | **Chromium** | **5.25E-02** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **CMW23** | **1/30/2003** | **0.0** | **Chromium** | **6.71E-02** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| CMW23 | 2/21/2002 | 0.0 | Cobalt | 1.75E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW23 | 10/28/2002 | 0.0 | Cobalt | 3.58E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW23 | 10/28/2002 | 0.0 | Cobalt | 3.51E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW23 | 1/30/2003 | 0.0 | Cobalt | 2.86E-02 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW23 | 4/10/2003 | 0.0 | Cobalt | 6.51E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW23 | 4/10/2003 | 0.0 | Cobalt | 1.18E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW23 | 10/22/1998 | 0.0 | Copper | 2.49E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW23 | 1/26/1999 | 0.0 | Copper | 8.30E-03 | FJ | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW23 | 1/26/1999 | 0.0 | Copper | 5.59E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW23 | 1/30/2003 | 0.0 | Copper | 7.34E-03 | FJ | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW23 | 1/30/2003 | 0.0 | Copper | 4.29E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| **CMW23** | **1/26/1999** | **0.0** | **Fluoride** | **2.78E+00** | | **1.60E+00** | **4.00E+00** | **2.19E+00** | **NMWQCC** | **YES** |
| CMW23 | 1/26/1999 | 0.0 | Iron | 1.52E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW23 | 7/27/2001 | 0.0 | Iron | 7.41E-02 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW23 | 2/21/2002 | 0.0 | Iron | 5.00E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW23 | 7/17/2002 | 0.0 | Iron | 8.92E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW23 | 7/17/2002 | 0.0 | Iron | 4.71E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **CMW23** | **10/22/1998** | **0.0** | **Iron** | **1.97E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **1/26/1999** | **0.0** | **Iron** | **6.48E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **7/27/2001** | **0.0** | **Iron** | **7.60E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **10/11/2001** | **0.0** | **Iron** | **1.46E+00** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **10/11/2001** | **0.0** | **Iron** | **1.04E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **2/21/2002** | **0.0** | **Iron** | **7.57E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **5/2/2002** | **0.0** | **Iron** | **2.94E+00** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **5/2/2002** | **0.0** | **Iron** | **2.38E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **10/28/2002** | **0.0** | **Iron** | **2.16E+00** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **10/28/2002** | **0.0** | **Iron** | **1.97E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **1/30/2003** | **0.0** | **Iron** | **1.16E+01** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **1/30/2003** | **0.0** | **Iron** | **6.70E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **4/10/2003** | **0.0** | **Iron** | **6.12E+00** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **4/10/2003** | **0.0** | **Iron** | **8.90E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW23** | **08/31/2005** | **0.0** | **Iron** | **5.85** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| CMW23 | 1/26/1999 | 0.0 | Lead | 4.40E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW23 | 1/26/1999 | 0.0 | Lead | 2.96E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW23 | 10/11/2001 | 0.0 | Lead | 2.67E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW23 | 10/11/2001 | 0.0 | Lead | 5.85E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW23 | 2/21/2002 | 0.0 | Lead | 5.29E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW23 | 5/2/2002 | 0.0 | Lead | 1.03E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW23 | 10/28/2002 | 0.0 | Lead | 1.36E-03 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW23 | 10/28/2002 | 0.0 | Lead | 1.25E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW23 | 1/30/2003 | 0.0 | Lead | 7.01E-03 | F | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW23 | 4/10/2003 | 0.0 | Lead | 4.05E-03 | F | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW23 | 4/10/2003 | 0.0 | Lead | 5.68E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW23 | 08/31/2005 | 0.0 | Lead | 0.00598 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| **CMW23** | **10/22/1998** | **0.0** | **Lead** | **4.04E-02** | **J** | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| **CMW23** | **1/30/2003** | **0.0** | **Lead** | **4.37E-02** | | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| CMW23 | 10/22/1998 | 0.0 | Magnesium | 1.10E+01 | | NS | NS | NS | NS | |
| CMW23 | 10/23/1998 | 0.0 | Magnesium | 3.82E-01 | FJ | NS | NS | NS | NS | |
| CMW23 | 1/26/1999 | 0.0 | Magnesium | 7.09E-01 | F | NS | NS | NS | NS | |
| CMW23 | 1/26/1999 | 0.0 | Magnesium | 3.58E+00 | | NS | NS | NS | NS | |
| CMW23 | 7/27/2001 | 0.0 | Magnesium | 2.28E+00 | F | NS | NS | NS | NS | |
| CMW23 | 7/27/2001 | 0.0 | Magnesium | 6.57E+00 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW23 | 10/11/2001 | 0.0 | Magnesium | 2.39E+00 | F | NS | NS | NS | NS | |
| CMW23 | 10/11/2001 | 0.0 | Magnesium | 7.40E+00 | | NS | NS | NS | NS | |
| CMW23 | 2/21/2002 | 0.0 | Magnesium | 2.07E+00 | F | NS | NS | NS | NS | |
| CMW23 | 2/21/2002 | 0.0 | Magnesium | 6.02E+00 | | NS | NS | NS | NS | |
| CMW23 | 5/2/2002 | 0.0 | Magnesium | 3.03E+00 | F | NS | NS | NS | NS | |
| CMW23 | 5/2/2002 | 0.0 | Magnesium | 2.93E+00 | | NS | NS | NS | NS | |
| CMW23 | 7/17/2002 | 0.0 | Magnesium | 2.09E+00 | F | NS | NS | NS | NS | |
| CMW23 | 7/17/2002 | 0.0 | Magnesium | 1.06E+00 | | NS | NS | NS | NS | |
| CMW23 | 10/28/2002 | 0.0 | Magnesium | 3.13E+00 | F | NS | NS | NS | NS | |
| CMW23 | 10/28/2002 | 0.0 | Magnesium | 3.12E+00 | | NS | NS | NS | NS | |
| CMW23 | 1/30/2003 | 0.0 | Magnesium | 7.46E+00 | F | NS | NS | NS | NS | |
| CMW23 | 1/30/2003 | 0.0 | Magnesium | 3.68E+01 | | NS | NS | NS | NS | |
| CMW23 | 4/10/2003 | 0.0 | Magnesium | 4.00E+00 | F | NS | NS | NS | NS | |
| CMW23 | 4/10/2003 | 0.0 | Magnesium | 5.46E+00 | | NS | NS | NS | NS | |
| CMW23 | 08/31/2005 | 0.0 | Magnesium | 2.85 | F | NS | NS | NS | NS | |
| CMW23 | 08/31/2005 | 0.0 | Magnesium | 5.24 | | NS | NS | NS | NS | |
| CMW23 | 1/26/1999 | 0.0 | Manganese | 5.14E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 1/26/1999 | 0.0 | Manganese | 8.08E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 7/27/2001 | 0.0 | Manganese | 2.27E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 7/27/2001 | 0.0 | Manganese | 1.57E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 10/11/2001 | 0.0 | Manganese | 2.49E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 10/11/2001 | 0.0 | Manganese | 1.76E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 2/21/2002 | 0.0 | Manganese | 1.18E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 2/21/2002 | 0.0 | Manganese | 1.29E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 5/2/2002 | 0.0 | Manganese | 5.12E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 5/2/2002 | 0.0 | Manganese | 5.91E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 7/17/2002 | 0.0 | Manganese | 1.64E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 7/17/2002 | 0.0 | Manganese | 1.63E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 10/28/2002 | 0.0 | Manganese | 4.48E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 10/28/2002 | 0.0 | Manganese | 5.07E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 4/10/2003 | 0.0 | Manganese | 9.60E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 4/10/2003 | 0.0 | Manganese | 1.41E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 08/31/2005 | 0.0 | Manganese | 0.0472 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW23 | 08/31/2005 | 0.0 | Manganese | 0.161 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| **CMW23** | **10/22/1998** | **0.0** | **Manganese** | **3.83E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW23** | **1/30/2003** | **0.0** | **Manganese** | **2.36E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW23** | **1/30/2003** | **0.0** | **Manganese** | **1.59E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| CMW23 | 10/22/1998 | 0.0 | Mercury | 8.37E-04 | | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| CMW23 | 10/23/1998 | 0.0 | Mercury | 1.09E-03 | F | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| CMW23 | 1/30/2003 | 0.0 | Mercury | 1.10E-04 | | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| CMW23 | 10/22/1998 | 0.0 | Nickel | 2.12E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW23 | 1/30/2003 | 0.0 | Nickel | 3.48E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| CMW23 | 10/22/1998 | 0.0 | Nitrate | 4.26E-02 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW23 | 1/26/1999 | 0.0 | Nitrate | 4.89E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW23 | 7/27/2001 | 0.0 | Nitrate | 9.81E-02 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW23 | 10/11/2001 | 0.0 | Nitrate | 3.73E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW23 | 2/21/2002 | 0.0 | Nitrate | 3.67E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW23 | 5/2/2002 | 0.0 | Nitrate | 3.60E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW23 | 7/17/2002 | 0.0 | Nitrate | 3.49E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW23 | 10/28/2002 | 0.0 | Nitrate | 3.08E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW23 | 1/30/2003 | 0.0 | Nitrate | 4.70E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW23 | 4/10/2003 | 0.0 | Nitrate | 5.40E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW23 | 08/31/2005 | 0.0 | Nitrate as N | 0.54 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW23 | 08/31/2005 | 0.0 | Nitrate/Nitrite Nitrogen | 0.21 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW23 | 10/23/1998 | 0.0 | Nitrite | 1.86E-02 | | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW23 | 10/11/2001 | 0.0 | Nitrite | 2.78E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW23 | 5/2/2002 | 0.0 | Nitrite | 3.30E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| **CMW23** | **1/30/2003** | **0.0** | **Nitrite** | **1.33E+00** | | **NS** | **1.00E+00** | **1.00E+00** | **MCL** | **YES** |
| CMW23 | 2/21/2002 | 0.0 | Nitrobenzene | 3.17E-04 | | NS | NS | 3.40E-03 | MSC | |
| CMW23 | 10/22/1998 | 0.0 | Potassium | 7.38E+00 | | NS | NS | NS | NS | |
| CMW23 | 10/23/1998 | 0.0 | Potassium | 4.76E+00 | FJ | NS | NS | NS | NS | |
| CMW23 | 1/26/1999 | 0.0 | Potassium | 2.77E+00 | FJ | NS | NS | NS | NS | |
| CMW23 | 1/26/1999 | 0.0 | Potassium | 3.84E+00 | | NS | NS | NS | NS | |
| CMW23 | 7/27/2001 | 0.0 | Potassium | 1.63E+00 | FJ | NS | NS | NS | NS | |
| CMW23 | 7/27/2001 | 0.0 | Potassium | 2.99E+00 | J | NS | NS | NS | NS | |
| CMW23 | 10/11/2001 | 0.0 | Potassium | 1.76E+00 | FJ | NS | NS | NS | NS | |
| CMW23 | 10/11/2001 | 0.0 | Potassium | 3.07E+00 | | NS | NS | NS | NS | |
| CMW23 | 2/21/2002 | 0.0 | Potassium | 1.51E+00 | FJ | NS | NS | NS | NS | |
| CMW23 | 2/21/2002 | 0.0 | Potassium | 2.79E+00 | J | NS | NS | NS | NS | |
| CMW23 | 5/2/2002 | 0.0 | Potassium | 1.66E+00 | FJ | NS | NS | NS | NS | |
| CMW23 | 5/2/2002 | 0.0 | Potassium | 1.43E+00 | J | NS | NS | NS | NS | |
| CMW23 | 7/17/2002 | 0.0 | Potassium | 1.59E+00 | FJ | NS | NS | NS | NS | |
| CMW23 | 7/17/2002 | 0.0 | Potassium | 9.15E-01 | J | NS | NS | NS | NS | |
| CMW23 | 10/28/2002 | 0.0 | Potassium | 1.83E+00 | FJ | NS | NS | NS | NS | |
| CMW23 | 10/28/2002 | 0.0 | Potassium | 1.66E+00 | J | NS | NS | NS | NS | |
| CMW23 | 1/30/2003 | 0.0 | Potassium | 3.27E+00 | F | NS | NS | NS | NS | |
| CMW23 | 1/30/2003 | 0.0 | Potassium | 1.20E+01 | | NS | NS | NS | NS | |
| CMW23 | 4/10/2003 | 0.0 | Potassium | 1.78E+00 | FJ | NS | NS | NS | NS | |
| CMW23 | 4/10/2003 | 0.0 | Potassium | 2.55E+00 | J | NS | NS | NS | NS | |
| CMW23 | 08/31/2005 | 0.0 | Potassium | 2.36 | J | NS | NS | NS | NS | |
| CMW23 | 08/31/2005 | 0.0 | Potassium | 1.55 | JF | NS | NS | NS | NS | |
| CMW23 | 4/9/2003 | 0.0 | RDX | 1.10E-04 | J | NS | NS | 6.11E-04 | MSC | |
| CMW23 | 10/22/1998 | 0.0 | Selenium | 2.02E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 10/23/1998 | 0.0 | Selenium | 2.81E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 1/26/1999 | 0.0 | Selenium | 1.54E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 1/26/1999 | 0.0 | Selenium | 1.70E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 7/27/2001 | 0.0 | Selenium | 9.57E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 10/11/2001 | 0.0 | Selenium | 1.53E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 10/11/2001 | 0.0 | Selenium | 1.43E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 2/21/2002 | 0.0 | Selenium | 1.05E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 2/21/2002 | 0.0 | Selenium | 1.12E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 5/2/2002 | 0.0 | Selenium | 1.75E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 5/2/2002 | 0.0 | Selenium | 1.34E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 7/17/2002 | 0.0 | Selenium | 1.56E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW23 | 10/28/2002 | 0.0 | Selenium | 1.42E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 10/28/2002 | 0.0 | Selenium | 1.21E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 1/30/2003 | 0.0 | Selenium | 1.21E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 1/30/2003 | 0.0 | Selenium | 1.20E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 4/10/2003 | 0.0 | Selenium | 1.40E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 4/10/2003 | 0.0 | Selenium | 1.35E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 08/31/2005 | 0.0 | Selenium | 0.0107 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 08/31/2005 | 0.0 | Selenium | 0.0121 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW23 | 10/22/1998 | 0.0 | Silver | 1.50E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW23 | 10/22/1998 | 0.0 | Sodium | 7.55E+02 | | NS | NS | NS | NS | |
| CMW23 | 10/23/1998 | 0.0 | Sodium | 6.37E+02 | F | NS | NS | NS | NS | |
| CMW23 | 1/26/1999 | 0.0 | Sodium | 4.05E+02 | F | NS | NS | NS | NS | |
| CMW23 | 1/26/1999 | 0.0 | Sodium | 4.99E+02 | | NS | NS | NS | NS | |
| CMW23 | 7/27/2001 | 0.0 | Sodium | 5.33E+02 | F | NS | NS | NS | NS | |
| CMW23 | 7/27/2001 | 0.0 | Sodium | 5.67E+02 | | NS | NS | NS | NS | |
| CMW23 | 10/11/2001 | 0.0 | Sodium | 4.76E+02 | F | NS | NS | NS | NS | |
| CMW23 | 10/11/2001 | 0.0 | Sodium | 4.75E+02 | | NS | NS | NS | NS | |
| CMW23 | 2/21/2002 | 0.0 | Sodium | 5.15E+02 | F | NS | NS | NS | NS | |
| CMW23 | 2/21/2002 | 0.0 | Sodium | 5.03E+02 | | NS | NS | NS | NS | |
| CMW23 | 5/2/2002 | 0.0 | Sodium | 4.41E+02 | F | NS | NS | NS | NS | |
| CMW23 | 5/2/2002 | 0.0 | Sodium | 4.60E+02 | | NS | NS | NS | NS | |
| CMW23 | 7/17/2002 | 0.0 | Sodium | 4.40E+02 | F | NS | NS | NS | NS | |
| CMW23 | 7/17/2002 | 0.0 | Sodium | 2.37E+02 | | NS | NS | NS | NS | |
| CMW23 | 10/28/2002 | 0.0 | Sodium | 5.33E+02 | F | NS | NS | NS | NS | |
| CMW23 | 10/28/2002 | 0.0 | Sodium | 5.53E+02 | | NS | NS | NS | NS | |
| CMW23 | 1/30/2003 | 0.0 | Sodium | 4.29E+02 | F | NS | NS | NS | NS | |
| CMW23 | 1/30/2003 | 0.0 | Sodium | 4.63E+02 | | NS | NS | NS | NS | |
| CMW23 | 4/10/2003 | 0.0 | Sodium | 3.78E+02 | F | NS | NS | NS | NS | |
| CMW23 | 4/10/2003 | 0.0 | Sodium | 4.05E+02 | | NS | NS | NS | NS | |
| CMW23 | 08/31/2005 | 0.0 | Sodium | 736 | F | NS | NS | NS | NS | |
| CMW23 | 08/31/2005 | 0.0 | Sodium | 700 | | NS | NS | NS | NS | |
| CMW23 | 1/26/1999 | 0.0 | Sulfate | 5.15E+02 | J | 6.00E+02 | NS | NS | NMWQCC | |
| **CMW23** | **10/23/1998** | **0.0** | **Sulfate** | **1.28E+03** | | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| CMW23 | 10/22/1998 | 0.0 | Thallium | 2.63E-04 | | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW23 | 10/23/1998 | 0.0 | Thallium | 2.17E-04 | F | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW23 | 1/30/2003 | 0.0 | Thallium | 7.28E-05 | FJ | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW23 | 1/30/2003 | 0.0 | Thallium | 3.84E-04 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW23 | 08/31/2005 | 0.0 | Thallium | 0.0000588 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW23 | 10/22/1998 | 0.0 | Vanadium | 6.16E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 10/23/1998 | 0.0 | Vanadium | 1.49E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 1/26/1999 | 0.0 | Vanadium | 2.53E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 7/27/2001 | 0.0 | Vanadium | 2.92E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 7/27/2001 | 0.0 | Vanadium | 5.20E-03 | | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 10/11/2001 | 0.0 | Vanadium | 3.59E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 10/11/2001 | 0.0 | Vanadium | 5.87E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 2/21/2002 | 0.0 | Vanadium | 2.44E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 2/21/2002 | 0.0 | Vanadium | 6.21E-03 | J | NS | NS | 1.83E-01 | MSC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW23 | 5/2/2002 | 0.0 | Vanadium | 2.45E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 7/17/2002 | 0.0 | Vanadium | 2.85E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 7/17/2002 | 0.0 | Vanadium | 6.50E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 10/28/2002 | 0.0 | Vanadium | 3.32E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 10/28/2002 | 0.0 | Vanadium | 3.23E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 1/30/2003 | 0.0 | Vanadium | 3.37E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 1/30/2003 | 0.0 | Vanadium | 1.32E-01 | | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 08/31/2005 | 0.0 | Vanadium | 0.0147 | J | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 08/31/2005 | 0.0 | Vanadium | 0.00759 | JF | NS | NS | 1.83E-01 | MSC | |
| CMW23 | 10/22/1998 | 0.0 | Zinc | 2.25E-01 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 1/26/1999 | 0.0 | Zinc | 2.89E-02 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 1/26/1999 | 0.0 | Zinc | 4.67E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 7/27/2001 | 0.0 | Zinc | 1.84E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 10/11/2001 | 0.0 | Zinc | 1.96E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 2/21/2002 | 0.0 | Zinc | 2.39E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 2/21/2002 | 0.0 | Zinc | 1.36E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 5/2/2002 | 0.0 | Zinc | 7.54E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 10/28/2002 | 0.0 | Zinc | 4.83E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 10/28/2002 | 0.0 | Zinc | 4.39E-03 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 1/30/2003 | 0.0 | Zinc | 2.21E-02 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 1/30/2003 | 0.0 | Zinc | 1.04E-01 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 08/31/2005 | 0.0 | Zinc | 0.00995 | JF | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW23 | 08/31/2005 | 0.0 | Zinc | 0.0257 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW24 | 10/29/1998 | 0.0 | Aluminum | 9.44E-02 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW24 | 10/29/1998 | 0.0 | Aluminum | 2.80E+00 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Aluminum | 1.25E-01 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Aluminum | 2.08E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW24 | 10/29/1998 | 0.0 | Ammonia nitrogen | 1.73E-01 | | NS | NS | 2.09E-01 | MSC | |
| CMW24 | 2/1/1999 | 0.0 | Ammonia nitrogen | 3.17E-02 | J | NS | NS | 2.09E-01 | MSC | |
| CMW24 | 10/29/1998 | 0.0 | Antimony | 8.83E-04 | | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW24 | 10/29/1998 | 0.0 | Arsenic | 1.79E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW24 | 10/29/1998 | 0.0 | Arsenic | 1.99E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW24 | 2/1/1999 | 0.0 | Arsenic | 6.32E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW24 | 10/29/1998 | 0.0 | Barium | 3.49E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW24 | 10/29/1998 | 0.0 | Barium | 4.18E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Barium | 2.61E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Barium | 2.72E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| **CMW24** | **2/1/1999** | **0.0** | **Boron** | **1.85E+00** | **F** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW24** | **2/1/1999** | **0.0** | **Boron** | **1.75E+00** | | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| CMW24 | 10/29/1998 | 0.0 | Cadmium | 2.63E-04 | FJ | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW24 | 10/29/1998 | 0.0 | Cadmium | 2.51E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW24 | 10/29/1998 | 0.0 | Calcium | 8.49E+00 | FJ | NS | NS | NS | NS | |
| CMW24 | 10/29/1998 | 0.0 | Calcium | 1.01E+01 | J | NS | NS | NS | NS | |
| CMW24 | 2/1/1999 | 0.0 | Calcium | 8.29E+00 | F | NS | NS | NS | NS | |
| CMW24 | 2/1/1999 | 0.0 | Calcium | 8.08E+00 | | NS | NS | NS | NS | |
| **CMW24** | **10/29/1998** | **0.0** | **Chloride** | **3.33E+02** | | **2.50E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| **CMW24** | **2/1/1999** | **0.0** | **Chloride** | **3.33E+02** | | **2.50E+02** | **NS** | **NS** | **NMWQCC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW24 | 10/29/1998 | 0.0 | Chromium | 1.01E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW24 | 10/29/1998 | 0.0 | Copper | 9.57E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Iron | 8.19E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **CMW24** | **10/29/1998** | **0.0** | **Iron** | **1.30E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| CMW24 | 10/29/1998 | 0.0 | Lead | 1.20E-03 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW24 | 10/29/1998 | 0.0 | Lead | 2.77E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW24 | 2/1/1999 | 0.0 | Lead | 6.31E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW24 | 10/29/1998 | 0.0 | Magnesium | 1.51E+00 | FJ | NS | NS | NS | NS | |
| CMW24 | 10/29/1998 | 0.0 | Magnesium | 2.35E+00 | J | NS | NS | NS | NS | |
| CMW24 | 2/1/1999 | 0.0 | Magnesium | 1.31E+00 | F | NS | NS | NS | NS | |
| CMW24 | 2/1/1999 | 0.0 | Magnesium | 1.79E+00 | | NS | NS | NS | NS | |
| CMW24 | 10/29/1998 | 0.0 | Manganese | 5.69E-02 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW24 | 10/29/1998 | 0.0 | Manganese | 8.54E-02 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Manganese | 6.94E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Manganese | 7.61E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Molybdenum | 9.51E-02 | J | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Nitrate | 4.93E-03 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| CMW24 | 10/29/1998 | 0.0 | Nitrite | 2.02E-02 | | NS | 1.00E+00 | 1.00E+00 | MCL | |
| CMW24 | 10/29/1998 | 0.0 | Potassium | 1.83E+00 | FJ | NS | NS | NS | NS | |
| CMW24 | 10/29/1998 | 0.0 | Potassium | 2.07E+00 | J | NS | NS | NS | NS | |
| CMW24 | 2/1/1999 | 0.0 | Potassium | 1.72E+00 | J | NS | NS | NS | NS | |
| CMW24 | 10/29/1998 | 0.0 | Selenium | 4.80E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW24 | 10/29/1998 | 0.0 | Selenium | 4.04E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW24 | 10/29/1998 | 0.0 | Silver | 1.23E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW24 | 10/29/1998 | 0.0 | Sodium | 6.31E+02 | F | NS | NS | NS | NS | |
| CMW24 | 10/29/1998 | 0.0 | Sodium | 5.84E+02 | | NS | NS | NS | NS | |
| CMW24 | 2/1/1999 | 0.0 | Sodium | 6.30E+02 | F | NS | NS | NS | NS | |
| CMW24 | 2/1/1999 | 0.0 | Sodium | 6.05E+02 | | NS | NS | NS | NS | |
| CMW24 | 10/29/1998 | 0.0 | Sulfate | 5.76E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Sulfate | 5.65E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW24 | 10/29/1998 | 0.0 | Vanadium | 2.05E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW24 | 10/29/1998 | 0.0 | Vanadium | 2.34E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW24 | 2/1/1999 | 0.0 | Vanadium | 1.55E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW24 | 2/1/1999 | 0.0 | Vanadium | 1.44E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW24 | 10/29/1998 | 0.0 | Zinc | 5.48E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Zinc | 2.38E-02 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW24 | 2/1/1999 | 0.0 | Zinc | 1.62E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Aluminum | 2.71E+00 | DFJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Aluminum | 2.09E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 1/27/1999 | 0.0 | Aluminum | 7.68E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 1/27/1999 | 0.0 | Aluminum | 3.99E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 1/26/2000 | 0.0 | Aluminum | 1.51E-01 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 1/26/2000 | 0.0 | Aluminum | 8.51E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 4/17/2000 | 0.0 | Aluminum | 2.70E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 4/17/2000 | 0.0 | Aluminum | 1.17E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 7/27/2000 | 0.0 | Aluminum | 3.16E-01 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Aluminum | 6.26E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW25 | 1/19/2001 | 0.0 | Aluminum | 5.49E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Aluminum | 1.61E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 7/24/2001 | 0.0 | Aluminum | 7.62E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 7/24/2001 | 0.0 | Aluminum | 3.29E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 10/12/2001 | 0.0 | Aluminum | 3.75E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 2/20/2002 | 0.0 | Aluminum | 9.71E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 2/20/2002 | 0.0 | Aluminum | 2.37E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 4/30/2002 | 0.0 | Aluminum | 6.34E-02 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 4/30/2002 | 0.0 | Aluminum | 2.48E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Aluminum | 2.50E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Aluminum | 1.19E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 1/31/2003 | 0.0 | Aluminum | 3.30E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 4/9/2003 | 0.0 | Aluminum | 4.67E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| CMW25 | 08/31/2005 | 0.0 | Aluminum | 0.0477 | JF | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **CMW25** | **10/24/1998** | **0.0** | **Aluminum** | **6.91E+01** | **DJ** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW25** | **10/24/1998** | **0.0** | **Aluminum** | **1.62E+02** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW25** | **7/27/2000** | **0.0** | **Aluminum** | **9.74E+00** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW25** | **10/17/2000** | **0.0** | **Aluminum** | **6.10E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW25** | **1/19/2001** | **0.0** | **Aluminum** | **4.92E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW25** | **4/27/2001** | **0.0** | **Aluminum** | **1.17E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW25** | **7/17/2002** | **0.0** | **Aluminum** | **6.20E+00** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW25** | **1/31/2003** | **0.0** | **Aluminum** | **6.60E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW25** | **4/9/2003** | **0.0** | **Aluminum** | **1.18E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **CMW25** | **08/31/2005** | **0.0** | **Aluminum** | **16.6** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| CMW25 | 10/24/1998 | 0.0 | Ammonia nitrogen | 1.38E-01 | D | NS | NS | 2.09E-01 | MSC | |
| CMW25 | 10/24/1998 | 0.0 | Ammonia nitrogen | 2.25E-02 | F | NS | NS | 2.09E-01 | MSC | |
| CMW25 | 10/24/1998 | 0.0 | Ammonia nitrogen | 1.15E-01 | | NS | NS | 2.09E-01 | MSC | |
| CMW25 | 10/25/2002 | 0.0 | Antimony | 3.75E-04 | FJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW25 | 10/25/2002 | 0.0 | Antimony | 4.62E-04 | J | NS | 6.00E-03 | 1.46E-02 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Arsenic | 2.65E-03 | DF | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Arsenic | 3.09E-03 | DJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Arsenic | 2.58E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Arsenic | 6.67E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 1/27/1999 | 0.0 | Arsenic | 1.19E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 1/27/1999 | 0.0 | Arsenic | 1.11E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 1/26/2000 | 0.0 | Arsenic | 2.23E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 7/27/2000 | 0.0 | Arsenic | 2.40E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 7/27/2000 | 0.0 | Arsenic | 5.10E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 10/17/2000 | 0.0 | Arsenic | 4.14E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 10/17/2000 | 0.0 | Arsenic | 2.15E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 1/19/2001 | 0.0 | Arsenic | 4.21E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 1/19/2001 | 0.0 | Arsenic | 3.43E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 4/27/2001 | 0.0 | Arsenic | 1.90E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 4/27/2001 | 0.0 | Arsenic | 1.90E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 10/12/2001 | 0.0 | Arsenic | 2.50E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 10/12/2001 | 0.0 | Arsenic | 9.73E-04 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 7/17/2002 | 0.0 | Arsenic | 1.03E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW25 | 7/17/2002 | 0.0 | Arsenic | 3.55E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 10/25/2002 | 0.0 | Arsenic | 1.15E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 10/25/2002 | 0.0 | Arsenic | 1.32E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 1/31/2003 | 0.0 | Arsenic | 2.02E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 1/31/2003 | 0.0 | Arsenic | 2.10E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 4/9/2003 | 0.0 | Arsenic | 1.06E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 08/31/2005 | 0.0 | Arsenic | 0.00197 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 08/31/2005 | 0.0 | Arsenic | 0.00105 | JF | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Barium | 1.25E-01 | DFJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Barium | 2.79E-01 | DJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Barium | 4.42E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Barium | 8.90E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 1/27/1999 | 0.0 | Barium | 8.14E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 1/27/1999 | 0.0 | Barium | 3.39E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 1/26/2000 | 0.0 | Barium | 1.58E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 1/26/2000 | 0.0 | Barium | 6.30E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 4/17/2000 | 0.0 | Barium | 1.36E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 4/17/2000 | 0.0 | Barium | 1.94E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 7/27/2000 | 0.0 | Barium | 1.01E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Barium | 3.27E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Barium | 3.76E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 1/19/2001 | 0.0 | Barium | 3.45E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Barium | 2.68E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Barium | 8.42E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 7/24/2001 | 0.0 | Barium | 2.13E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 7/24/2001 | 0.0 | Barium | 3.57E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 10/12/2001 | 0.0 | Barium | 2.01E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 10/12/2001 | 0.0 | Barium | 3.88E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 2/20/2002 | 0.0 | Barium | 2.72E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 2/20/2002 | 0.0 | Barium | 3.33E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 4/30/2002 | 0.0 | Barium | 2.19E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 4/30/2002 | 0.0 | Barium | 3.43E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 7/17/2002 | 0.0 | Barium | 2.24E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 7/17/2002 | 0.0 | Barium | 2.12E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Barium | 2.76E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Barium | 3.27E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 1/31/2003 | 0.0 | Barium | 3.31E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 1/31/2003 | 0.0 | Barium | 3.51E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 4/9/2003 | 0.0 | Barium | 4.60E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 4/9/2003 | 0.0 | Barium | 7.20E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 08/31/2005 | 0.0 | Barium | 0.0175 | JF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 08/31/2005 | 0.0 | Barium | 0.132 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Beryllium | 1.28E-03 | DJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Beryllium | 3.60E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW25 | 10/17/2000 | 0.0 | Beryllium | 2.38E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW25 | 1/19/2001 | 0.0 | Beryllium | 2.22E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW25 | 4/27/2001 | 0.0 | Beryllium | 4.60E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW25 | 10/12/2001 | 0.0 | Beryllium | 4.35E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW25 | 7/17/2002 | 0.0 | Beryllium | 4.29E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW25 | 1/31/2003 | 0.0 | Beryllium | 2.18E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW25 | 4/9/2003 | 0.0 | Beryllium | 3.44E-04 | FJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW25 | 4/9/2003 | 0.0 | Beryllium | 4.12E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| CMW25 | 08/31/2005 | 0.0 | Beryllium | 0.00101 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| **CMW25** | **1/27/1999** | **0.0** | **Boron** | **8.77E-01** | **F** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **CMW25** | **1/27/1999** | **0.0** | **Boron** | **8.62E-01** | | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| CMW25 | 10/24/1998 | 0.0 | Cadmium | 2.69E-04 | DJ | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Cadmium | 3.98E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW25 | 1/31/2003 | 0.0 | Cadmium | 5.15E-04 | FJ | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW25 | 4/9/2003 | 0.0 | Cadmium | 9.75E-05 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| CMW25 | 08/31/2005 | 0.0 | Cadmium | 0.000185 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| **CMW25** | **1/31/2003** | **0.0** | **Cadmium** | **2.27E-02** | | **1.00E-02** | **5.00E-03** | **1.83E-02** | **MCL** | **YES** |
| CMW25 | 10/24/1998 | 0.0 | Calcium | 3.64E+00 | DFJ | NS | NS | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Calcium | 1.63E+01 | DJ | NS | NS | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Calcium | 3.01E+00 | FJ | NS | NS | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Calcium | 5.46E+01 | J | NS | NS | NS | NS | |
| CMW25 | 1/27/1999 | 0.0 | Calcium | 2.78E+00 | F | NS | NS | NS | NS | |
| CMW25 | 1/27/1999 | 0.0 | Calcium | 3.11E+00 | | NS | NS | NS | NS | |
| CMW25 | 1/26/2000 | 0.0 | Calcium | 3.33E+00 | F | NS | NS | NS | NS | |
| CMW25 | 1/26/2000 | 0.0 | Calcium | 5.63E+00 | | NS | NS | NS | NS | |
| CMW25 | 4/17/2000 | 0.0 | Calcium | 3.14E+00 | | NS | NS | NS | NS | |
| CMW25 | 7/27/2000 | 0.0 | Calcium | 2.60E+00 | F | NS | NS | NS | NS | |
| CMW25 | 7/27/2000 | 0.0 | Calcium | 5.22E+00 | | NS | NS | NS | NS | |
| CMW25 | 10/17/2000 | 0.0 | Calcium | 5.32E+00 | F | NS | NS | NS | NS | |
| CMW25 | 10/17/2000 | 0.0 | Calcium | 1.56E+01 | | NS | NS | NS | NS | |
| CMW25 | 1/19/2001 | 0.0 | Calcium | 2.60E+00 | F | NS | NS | NS | NS | |
| CMW25 | 1/19/2001 | 0.0 | Calcium | 1.14E+01 | | NS | NS | NS | NS | |
| CMW25 | 4/27/2001 | 0.0 | Calcium | 3.92E+00 | FJ | NS | NS | NS | NS | |
| CMW25 | 4/27/2001 | 0.0 | Calcium | 6.35E+00 | | NS | NS | NS | NS | |
| CMW25 | 7/24/2001 | 0.0 | Calcium | 3.27E+00 | F | NS | NS | NS | NS | |
| CMW25 | 7/24/2001 | 0.0 | Calcium | 3.33E+00 | | NS | NS | NS | NS | |
| CMW25 | 10/12/2001 | 0.0 | Calcium | 3.33E+00 | F | NS | NS | NS | NS | |
| CMW25 | 10/12/2001 | 0.0 | Calcium | 3.80E+00 | | NS | NS | NS | NS | |
| CMW25 | 2/20/2002 | 0.0 | Calcium | 3.91E+00 | F | NS | NS | NS | NS | |
| CMW25 | 2/20/2002 | 0.0 | Calcium | 4.07E+00 | | NS | NS | NS | NS | |
| CMW25 | 4/30/2002 | 0.0 | Calcium | 3.71E+00 | F | NS | NS | NS | NS | |
| CMW25 | 4/30/2002 | 0.0 | Calcium | 4.12E+00 | | NS | NS | NS | NS | |
| CMW25 | 7/17/2002 | 0.0 | Calcium | 3.51E+00 | F | NS | NS | NS | NS | |
| CMW25 | 7/17/2002 | 0.0 | Calcium | 2.06E+01 | | NS | NS | NS | NS | |
| CMW25 | 10/25/2002 | 0.0 | Calcium | 4.25E+00 | F | NS | NS | NS | NS | |
| CMW25 | 10/25/2002 | 0.0 | Calcium | 4.27E+00 | | NS | NS | NS | NS | |
| CMW25 | 1/31/2003 | 0.0 | Calcium | 3.77E+00 | F | NS | NS | NS | NS | |
| CMW25 | 1/31/2003 | 0.0 | Calcium | 2.50E+01 | | NS | NS | NS | NS | |
| CMW25 | 4/9/2003 | 0.0 | Calcium | 4.71E+00 | F | NS | NS | NS | NS | |
| CMW25 | 4/9/2003 | 0.0 | Calcium | 4.73E+00 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW25 | 08/31/2005 | 0.0 | Calcium | 2.75 | F | NS | NS | NS | NS | |
| CMW25 | 08/31/2005 | 0.0 | Calcium | 7.75 | | NS | NS | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Chloride | 2.36E+01 | D | 2.50E+02 | NS | NS | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Chloride | 2.37E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW25 | 1/27/1999 | 0.0 | Chloride | 2.14E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| CMW25 | 1/26/2000 | 0.0 | Chromium | 5.87E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 4/17/2000 | 0.0 | Chromium | 2.00E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Chromium | 2.96E-03 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Chromium | 1.17E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 1/19/2001 | 0.0 | Chromium | 6.08E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Chromium | 2.20E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Chromium | 1.00E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 10/12/2001 | 0.0 | Chromium | 1.07E-03 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 2/20/2002 | 0.0 | Chromium | 1.45E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 4/30/2002 | 0.0 | Chromium | 5.65E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 7/17/2002 | 0.0 | Chromium | 2.48E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Chromium | 5.44E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Chromium | 8.86E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 4/9/2003 | 0.0 | Chromium | 5.64E-03 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 4/9/2003 | 0.0 | Chromium | 2.26E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| CMW25 | 08/31/2005 | 0.0 | Chromium | 0.0122 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| **CMW25** | **10/24/1998** | **0.0** | **Chromium** | **8.79E-02** | **DJ** | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **CMW25** | **10/24/1998** | **0.0** | **Chromium** | **1.80E-01** | **J** | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **CMW25** | **1/31/2003** | **0.0** | **Chromium** | **5.38E-02** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| CMW25 | 10/24/1998 | 0.0 | Cobalt | 3.72E-02 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW25 | 1/26/2000 | 0.0 | Cobalt | 2.08E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Cobalt | 2.37E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW25 | 1/19/2001 | 0.0 | Cobalt | 1.28E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Cobalt | 2.70E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW25 | 7/17/2002 | 0.0 | Cobalt | 2.09E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Cobalt | 1.55E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW25 | 1/31/2003 | 0.0 | Cobalt | 1.70E-02 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW25 | 4/9/2003 | 0.0 | Cobalt | 4.17E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW25 | 4/9/2003 | 0.0 | Cobalt | 1.11E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW25 | 08/31/2005 | 0.0 | Cobalt | 0.00107 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Copper | 1.32E-02 | DJ | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Copper | 3.77E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Copper | 1.33E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW25 | 1/19/2001 | 0.0 | Copper | 1.07E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW25 | 1/31/2003 | 0.0 | Copper | 1.79E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Iron | 9.55E-01 | DFJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Iron | 6.90E-02 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 1/27/1999 | 0.0 | Iron | 2.76E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 1/26/2000 | 0.0 | Iron | 7.03E-02 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 1/26/2000 | 0.0 | Iron | 3.23E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 4/17/2000 | 0.0 | Iron | 1.12E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 4/17/2000 | 0.0 | Iron | 6.24E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW25 | 7/27/2000 | 0.0 | Iron | 2.27E-01 | FJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Iron | 2.18E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 1/19/2001 | 0.0 | Iron | 1.99E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Iron | 5.84E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 7/24/2001 | 0.0 | Iron | 2.49E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 2/20/2002 | 0.0 | Iron | 3.23E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 2/20/2002 | 0.0 | Iron | 8.80E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 4/30/2002 | 0.0 | Iron | 4.00E-02 | FJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 4/30/2002 | 0.0 | Iron | 8.80E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 7/17/2002 | 0.0 | Iron | 3.54E-02 | FJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Iron | 8.30E-02 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Iron | 4.22E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **CMW25** | **10/24/1998** | **0.0** | **Iron** | **2.87E+01** | **DJ** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **10/24/1998** | **0.0** | **Iron** | **6.46E+01** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **1/27/1999** | **0.0** | **Iron** | **1.53E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **7/27/2000** | **0.0** | **Iron** | **6.46E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **10/17/2000** | **0.0** | **Iron** | **2.28E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **1/19/2001** | **0.0** | **Iron** | **1.86E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **4/27/2001** | **0.0** | **Iron** | **4.91E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **7/24/2001** | **0.0** | **Iron** | **1.11E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **10/12/2001** | **0.0** | **Iron** | **1.29E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **7/17/2002** | **0.0** | **Iron** | **1.91E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **1/31/2003** | **0.0** | **Iron** | **1.15E+00** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **1/31/2003** | **0.0** | **Iron** | **2.39E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **4/9/2003** | **0.0** | **Iron** | **1.70E+00** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **4/9/2003** | **0.0** | **Iron** | **4.43E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **CMW25** | **08/31/2005** | **0.0** | **Iron** | **6.44** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| CMW25 | 10/24/1998 | 0.0 | Lead | 1.15E-02 | DJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 1/27/1999 | 0.0 | Lead | 3.68E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 1/27/1999 | 0.0 | Lead | 1.19E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 1/26/2000 | 0.0 | Lead | 5.10E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 7/27/2000 | 0.0 | Lead | 7.10E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 10/17/2000 | 0.0 | Lead | 1.34E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 1/19/2001 | 0.0 | Lead | 9.86E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 4/27/2001 | 0.0 | Lead | 2.60E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 4/27/2001 | 0.0 | Lead | 3.30E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 4/30/2002 | 0.0 | Lead | 8.70E-05 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 4/30/2002 | 0.0 | Lead | 8.52E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 10/25/2002 | 0.0 | Lead | 4.20E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 1/31/2003 | 0.0 | Lead | 7.36E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 1/31/2003 | 0.0 | Lead | 1.05E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 4/9/2003 | 0.0 | Lead | 9.68E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 4/9/2003 | 0.0 | Lead | 2.50E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| CMW25 | 08/31/2005 | 0.0 | Lead | 0.0042 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| **CMW25** | **10/24/1998** | **0.0** | **Lead** | **3.24E-02** | **J** | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| CMW25 | 10/24/1998 | 0.0 | Magnesium | 1.56E+00 | DFJ | NS | NS | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Magnesium | 2.85E+01 | DJ | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW25 | 10/24/1998 | 0.0 | Magnesium | 5.85E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Magnesium | 7.46E+01 | J | NS | NS | NS | NS | |
| CMW25 | 1/27/1999 | 0.0 | Magnesium | 5.56E-01 | F | NS | NS | NS | NS | |
| CMW25 | 1/27/1999 | 0.0 | Magnesium | 1.29E+00 | | NS | NS | NS | NS | |
| CMW25 | 1/26/2000 | 0.0 | Magnesium | 5.73E-01 | F | NS | NS | NS | NS | |
| CMW25 | 1/26/2000 | 0.0 | Magnesium | 9.44E-01 | | NS | NS | NS | NS | |
| CMW25 | 4/17/2000 | 0.0 | Magnesium | 6.15E-01 | J | NS | NS | NS | NS | |
| CMW25 | 7/27/2000 | 0.0 | Magnesium | 4.03E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 7/27/2000 | 0.0 | Magnesium | 2.62E+00 | | NS | NS | NS | NS | |
| CMW25 | 10/17/2000 | 0.0 | Magnesium | 1.37E+00 | F | NS | NS | NS | NS | |
| CMW25 | 10/17/2000 | 0.0 | Magnesium | 1.74E+01 | | NS | NS | NS | NS | |
| CMW25 | 1/19/2001 | 0.0 | Magnesium | 5.07E-01 | F | NS | NS | NS | NS | |
| CMW25 | 1/19/2001 | 0.0 | Magnesium | 1.02E+01 | | NS | NS | NS | NS | |
| CMW25 | 4/27/2001 | 0.0 | Magnesium | 1.22E+00 | FJ | NS | NS | NS | NS | |
| CMW25 | 4/27/2001 | 0.0 | Magnesium | 4.78E+00 | J | NS | NS | NS | NS | |
| CMW25 | 7/24/2001 | 0.0 | Magnesium | 8.16E-01 | F | NS | NS | NS | NS | |
| CMW25 | 7/24/2001 | 0.0 | Magnesium | 1.35E+00 | | NS | NS | NS | NS | |
| CMW25 | 10/12/2001 | 0.0 | Magnesium | 6.62E-01 | F | NS | NS | NS | NS | |
| CMW25 | 10/12/2001 | 0.0 | Magnesium | 1.42E+00 | | NS | NS | NS | NS | |
| CMW25 | 2/20/2002 | 0.0 | Magnesium | 1.02E+00 | F | NS | NS | NS | NS | |
| CMW25 | 2/20/2002 | 0.0 | Magnesium | 1.37E+00 | | NS | NS | NS | NS | |
| CMW25 | 4/30/2002 | 0.0 | Magnesium | 7.63E-01 | F | NS | NS | NS | NS | |
| CMW25 | 4/30/2002 | 0.0 | Magnesium | 1.35E+00 | | NS | NS | NS | NS | |
| CMW25 | 7/17/2002 | 0.0 | Magnesium | 7.17E-01 | F | NS | NS | NS | NS | |
| CMW25 | 7/17/2002 | 0.0 | Magnesium | 3.05E+00 | | NS | NS | NS | NS | |
| CMW25 | 10/25/2002 | 0.0 | Magnesium | 9.55E-01 | F | NS | NS | NS | NS | |
| CMW25 | 10/25/2002 | 0.0 | Magnesium | 1.19E+00 | | NS | NS | NS | NS | |
| CMW25 | 1/31/2003 | 0.0 | Magnesium | 1.62E+00 | F | NS | NS | NS | NS | |
| CMW25 | 1/31/2003 | 0.0 | Magnesium | 2.54E+01 | | NS | NS | NS | NS | |
| CMW25 | 4/9/2003 | 0.0 | Magnesium | 2.37E+00 | F | NS | NS | NS | NS | |
| CMW25 | 4/9/2003 | 0.0 | Magnesium | 4.09E+00 | | NS | NS | NS | NS | |
| CMW25 | 08/31/2005 | 0.0 | Magnesium | 0.423 | F | NS | NS | NS | NS | |
| CMW25 | 08/31/2005 | 0.0 | Magnesium | 5.45 | | NS | NS | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Manganese | 1.60E-02 | DFJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 1/27/1999 | 0.0 | Manganese | 3.28E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 1/27/1999 | 0.0 | Manganese | 2.65E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 1/26/2000 | 0.0 | Manganese | 9.25E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 1/26/2000 | 0.0 | Manganese | 9.92E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 4/17/2000 | 0.0 | Manganese | 8.10E-03 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 7/27/2000 | 0.0 | Manganese | 1.54E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Manganese | 3.69E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 1/19/2001 | 0.0 | Manganese | 2.52E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Manganese | 7.30E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Manganese | 8.11E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 7/24/2001 | 0.0 | Manganese | 1.96E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 10/12/2001 | 0.0 | Manganese | 2.10E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| CMW25 | 2/20/2002 | 0.0 | Manganese | 4.68E-03 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CMW25 | 2/20/2002 | 0.0 | Manganese | 1.59E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW25 | 4/30/2002 | 0.0 | Manganese | 6.03E-03 | FJ | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW25 | 4/30/2002 | 0.0 | Manganese | 1.69E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW25 | 7/17/2002 | 0.0 | Manganese | 1.08E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW25 | 7/17/2002 | 0.0 | Manganese | 4.04E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Manganese | 1.71E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Manganese | 2.37E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW25 | 1/31/2003 | 0.0 | Manganese | 2.81E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW25 | 4/9/2003 | 0.0 | Manganese | 4.87E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW25 | 4/9/2003 | 0.0 | Manganese | 8.38E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW25 | 08/31/2005 | 0.0 | Manganese | 0.00251 | JF | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| CMW25 | 08/31/2005 | 0.0 | Manganese | 0.181 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| **CMW25** | **10/24/1998** | **0.0** | **Manganese** | **4.82E-01** | **DJ** | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW25** | **10/24/1998** | **0.0** | **Manganese** | **1.58E+00** | **J** | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW25** | **10/17/2000** | **0.0** | **Manganese** | **4.93E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW25** | **1/19/2001** | **0.0** | **Manganese** | **3.82E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **CMW25** | **1/31/2003** | **0.0** | **Manganese** | **5.55E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| CMW25 | 1/27/1999 | 0.0 | Mercury | 6.39E-05 | FJ | 2.00E-03 | 2.00E-03 | | 1.10E-02 | MCL | |
| CMW25 | 1/19/2001 | 0.0 | Mercury | 4.00E-04 | J | 2.00E-03 | 2.00E-03 | | 1.10E-02 | MCL | |
| CMW25 | 1/31/2003 | 0.0 | Mercury | 2.40E-05 | J | 2.00E-03 | 2.00E-03 | | 1.10E-02 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Nickel | 4.94E-02 | DJ | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Nickel | 9.55E-02 | J | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Nickel | 1.33E-02 | FJ | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Nickel | 1.33E-02 | J | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Nickel | 1.02E-02 | J | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW25 | 7/17/2002 | 0.0 | Nickel | 1.22E-02 | J | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW25 | 1/31/2003 | 0.0 | Nickel | 4.68E-02 | | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW25 | 4/9/2003 | 0.0 | Nickel | 1.45E-02 | J | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Nitrate | 2.64E-02 | DJ | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Nitrate | 1.41E-02 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW25 | 1/27/1999 | 0.0 | Nitrate | 7.37E-03 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW25 | 10/17/2000 | 0.0 | Nitrate | 6.07E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW25 | 1/19/2001 | 0.0 | Nitrate | 3.35E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW25 | 4/27/2001 | 0.0 | Nitrate | 1.40E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW25 | 7/24/2001 | 0.0 | Nitrate | 1.93E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW25 | 10/12/2001 | 0.0 | Nitrate | 2.43E-01 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW25 | 2/20/2002 | 0.0 | Nitrate | 1.03E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Nitrite | 1.70E-01 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Nitrite | 1.42E-01 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW25 | 10/17/2000 | 0.0 | Nitrite | 8.43E-02 | | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW25 | 4/27/2001 | 0.0 | Nitrite | 5.00E-02 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW25 | 7/24/2001 | 0.0 | Nitrite | 3.03E-02 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW25 | 10/12/2001 | 0.0 | Nitrite | 1.43E-02 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW25 | 10/25/2002 | 0.0 | Nitrite | 2.22E-02 | | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Potassium | 1.94E+00 | DFJ | NS | NS | | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Potassium | 9.95E+00 | DJ | NS | NS | | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Potassium | 1.38E+00 | FJ | NS | NS | | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW25 | 10/24/1998 | 0.0 | Potassium | 1.65E+01 | J | NS | NS | NS | NS | |
| CMW25 | 1/27/1999 | 0.0 | Potassium | 9.68E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 1/27/1999 | 0.0 | Potassium | 2.08E+00 | J | NS | NS | NS | NS | |
| CMW25 | 1/26/2000 | 0.0 | Potassium | 8.55E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 1/26/2000 | 0.0 | Potassium | 7.45E-01 | J | NS | NS | NS | NS | |
| CMW25 | 4/17/2000 | 0.0 | Potassium | 5.80E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 4/17/2000 | 0.0 | Potassium | 7.03E-01 | J | NS | NS | NS | NS | |
| CMW25 | 7/27/2000 | 0.0 | Potassium | 6.33E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 7/27/2000 | 0.0 | Potassium | 2.82E+00 | | NS | NS | NS | NS | |
| CMW25 | 10/17/2000 | 0.0 | Potassium | 8.60E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 10/17/2000 | 0.0 | Potassium | 1.08E+01 | | NS | NS | NS | NS | |
| CMW25 | 1/19/2001 | 0.0 | Potassium | 7.77E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 1/19/2001 | 0.0 | Potassium | 1.25E+01 | | NS | NS | NS | NS | |
| CMW25 | 4/27/2001 | 0.0 | Potassium | 8.96E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 4/27/2001 | 0.0 | Potassium | 2.94E+00 | J | NS | NS | NS | NS | |
| CMW25 | 7/24/2001 | 0.0 | Potassium | 6.92E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 7/24/2001 | 0.0 | Potassium | 9.37E-01 | J | NS | NS | NS | NS | |
| CMW25 | 10/12/2001 | 0.0 | Potassium | 3.50E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 10/12/2001 | 0.0 | Potassium | 1.28E+00 | J | NS | NS | NS | NS | |
| CMW25 | 2/20/2002 | 0.0 | Potassium | 9.49E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 2/20/2002 | 0.0 | Potassium | 1.18E+00 | J | NS | NS | NS | NS | |
| CMW25 | 4/30/2002 | 0.0 | Potassium | 6.46E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 4/30/2002 | 0.0 | Potassium | 1.05E+00 | J | NS | NS | NS | NS | |
| CMW25 | 7/17/2002 | 0.0 | Potassium | 8.41E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 7/17/2002 | 0.0 | Potassium | 1.88E+00 | J | NS | NS | NS | NS | |
| CMW25 | 10/25/2002 | 0.0 | Potassium | 9.73E-01 | FJ | NS | NS | NS | NS | |
| CMW25 | 10/25/2002 | 0.0 | Potassium | 8.53E-01 | J | NS | NS | NS | NS | |
| CMW25 | 1/31/2003 | 0.0 | Potassium | 1.33E+00 | FJ | NS | NS | NS | NS | |
| CMW25 | 1/31/2003 | 0.0 | Potassium | 8.94E+00 | | NS | NS | NS | NS | |
| CMW25 | 4/9/2003 | 0.0 | Potassium | 1.69E+00 | FJ | NS | NS | NS | NS | |
| CMW25 | 4/9/2003 | 0.0 | Potassium | 2.86E+00 | J | NS | NS | NS | NS | |
| CMW25 | 08/31/2005 | 0.0 | Potassium | 3.18 | | NS | NS | NS | NS | |
| CMW25 | 1/31/2003 | 0.0 | RDX | 9.20E-05 | J | NS | NS | 6.11E-04 | MSC | |
| CMW25 | 4/9/2003 | 0.0 | RDX | 2.50E-04 | | NS | NS | 6.11E-04 | MSC | |
| CMW25 | 10/24/1998 | 0.0 | Selenium | 2.25E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Selenium | 3.41E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW25 | 10/12/2001 | 0.0 | Selenium | 5.30E-04 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW25 | 10/12/2001 | 0.0 | Selenium | 6.24E-04 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW25 | 7/17/2002 | 0.0 | Selenium | 1.13E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW25 | 08/31/2005 | 0.0 | Selenium | 0.000895 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Silver | 1.89E-04 | D | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Silver | 2.16E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Silver | 8.10E-05 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Sodium | 2.50E+02 | D | NS | NS | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Sodium | 2.48E+02 | DF | NS | NS | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Sodium | 2.51E+02 | F | NS | NS | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Sodium | 2.64E+02 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW25 | 1/27/1999 | 0.0 | Sodium | 2.35E+02 | F | NS | NS | NS | NS | |
| CMW25 | 1/27/1999 | 0.0 | Sodium | 2.38E+02 | | NS | NS | NS | NS | |
| CMW25 | 1/26/2000 | 0.0 | Sodium | 2.49E+02 | F | NS | NS | NS | NS | |
| CMW25 | 1/26/2000 | 0.0 | Sodium | 2.51E+02 | | NS | NS | NS | NS | |
| CMW25 | 4/17/2000 | 0.0 | Sodium | 2.47E+02 | F | NS | NS | NS | NS | |
| CMW25 | 4/17/2000 | 0.0 | Sodium | 2.64E+02 | | NS | NS | NS | NS | |
| CMW25 | 7/27/2000 | 0.0 | Sodium | 2.39E+02 | F | NS | NS | NS | NS | |
| CMW25 | 7/27/2000 | 0.0 | Sodium | 2.48E+02 | | NS | NS | NS | NS | |
| CMW25 | 10/17/2000 | 0.0 | Sodium | 2.39E+02 | F | NS | NS | NS | NS | |
| CMW25 | 10/17/2000 | 0.0 | Sodium | 2.56E+02 | | NS | NS | NS | NS | |
| CMW25 | 1/19/2001 | 0.0 | Sodium | 2.49E+02 | F | NS | NS | NS | NS | |
| CMW25 | 1/19/2001 | 0.0 | Sodium | 2.55E+02 | | NS | NS | NS | NS | |
| CMW25 | 4/27/2001 | 0.0 | Sodium | 2.55E+02 | F | NS | NS | NS | NS | |
| CMW25 | 4/27/2001 | 0.0 | Sodium | 2.61E+02 | | NS | NS | NS | NS | |
| CMW25 | 7/24/2001 | 0.0 | Sodium | 2.43E+02 | F | NS | NS | NS | NS | |
| CMW25 | 7/24/2001 | 0.0 | Sodium | 2.48E+02 | | NS | NS | NS | NS | |
| CMW25 | 10/12/2001 | 0.0 | Sodium | 2.62E+02 | F | NS | NS | NS | NS | |
| CMW25 | 10/12/2001 | 0.0 | Sodium | 2.42E+02 | | NS | NS | NS | NS | |
| CMW25 | 2/20/2002 | 0.0 | Sodium | 2.47E+02 | F | NS | NS | NS | NS | |
| CMW25 | 2/20/2002 | 0.0 | Sodium | 2.49E+02 | | NS | NS | NS | NS | |
| CMW25 | 4/30/2002 | 0.0 | Sodium | 2.37E+02 | F | NS | NS | NS | NS | |
| CMW25 | 4/30/2002 | 0.0 | Sodium | 2.38E+02 | | NS | NS | NS | NS | |
| CMW25 | 7/17/2002 | 0.0 | Sodium | 2.33E+02 | F | NS | NS | NS | NS | |
| CMW25 | 7/17/2002 | 0.0 | Sodium | 5.44E+02 | | NS | NS | NS | NS | |
| CMW25 | 10/25/2002 | 0.0 | Sodium | 2.56E+02 | F | NS | NS | NS | NS | |
| CMW25 | 10/25/2002 | 0.0 | Sodium | 2.56E+02 | | NS | NS | NS | NS | |
| CMW25 | 1/31/2003 | 0.0 | Sodium | 2.27E+02 | F | NS | NS | NS | NS | |
| CMW25 | 1/31/2003 | 0.0 | Sodium | 2.45E+02 | | NS | NS | NS | NS | |
| CMW25 | 4/9/2003 | 0.0 | Sodium | 2.28E+02 | F | NS | NS | NS | NS | |
| CMW25 | 4/9/2003 | 0.0 | Sodium | 2.25E+02 | | NS | NS | NS | NS | |
| CMW25 | 08/31/2005 | 0.0 | Sodium | 238 | F | NS | NS | NS | NS | |
| CMW25 | 08/31/2005 | 0.0 | Sodium | 251 | | NS | NS | NS | NS | |
| CMW25 | 10/24/1998 | 0.0 | Sulfate | 1.29E+02 | D | 6.00E+02 | NS | NS | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Sulfate | 1.30E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| CMW25 | 1/27/1999 | 0.0 | Sulfate | 1.10E+02 | J | 6.00E+02 | NS | NS | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Thallium | 1.70E-04 | D | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Thallium | 2.33E-04 | | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW25 | 4/27/2001 | 0.0 | Thallium | 7.70E-05 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW25 | 1/31/2003 | 0.0 | Thallium | 1.16E-04 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| CMW25 | 10/24/1998 | 0.0 | Vanadium | 6.94E-02 | DJ | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 10/24/1998 | 0.0 | Vanadium | 1.70E-01 | J | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 1/27/1999 | 0.0 | Vanadium | 1.01E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 1/26/2000 | 0.0 | Vanadium | 1.14E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 1/26/2000 | 0.0 | Vanadium | 1.74E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 7/27/2000 | 0.0 | Vanadium | 1.07E-02 | J | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 10/17/2000 | 0.0 | Vanadium | 1.01E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 10/17/2000 | 0.0 | Vanadium | 2.09E-02 | | NS | NS | 1.83E-01 | MSC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW25 | 1/19/2001 | 0.0 | Vanadium | 1.01E-02 | F | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 1/19/2001 | 0.0 | Vanadium | 1.87E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 4/27/2001 | 0.0 | Vanadium | 6.10E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 4/27/2001 | 0.0 | Vanadium | 1.39E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 7/24/2001 | 0.0 | Vanadium | 6.66E-03 | F | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 7/24/2001 | 0.0 | Vanadium | 7.66E-03 | | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 10/12/2001 | 0.0 | Vanadium | 5.44E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 10/12/2001 | 0.0 | Vanadium | 4.66E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 2/20/2002 | 0.0 | Vanadium | 6.68E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 2/20/2002 | 0.0 | Vanadium | 7.26E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 4/30/2002 | 0.0 | Vanadium | 3.40E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 4/30/2002 | 0.0 | Vanadium | 7.30E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 7/17/2002 | 0.0 | Vanadium | 2.72E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 7/17/2002 | 0.0 | Vanadium | 5.53E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 10/25/2002 | 0.0 | Vanadium | 2.96E-03 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 10/25/2002 | 0.0 | Vanadium | 4.71E-03 | J | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 1/31/2003 | 0.0 | Vanadium | 1.25E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 1/31/2003 | 0.0 | Vanadium | 7.00E-02 | | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 08/31/2005 | 0.0 | Vanadium | 0.0158 | J | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 08/31/2005 | 0.0 | Vanadium | 0.00359 | JF | NS | NS | 1.83E-01 | MSC | |
| CMW25 | 10/24/1998 | 0.0 | Zinc | 1.43E-01 | DJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 10/24/1998 | 0.0 | Zinc | 6.93E-01 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 1/27/1999 | 0.0 | Zinc | 1.38E-02 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 1/27/1999 | 0.0 | Zinc | 1.02E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 1/26/2000 | 0.0 | Zinc | 7.83E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 7/27/2000 | 0.0 | Zinc | 9.90E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 7/27/2000 | 0.0 | Zinc | 9.20E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 10/17/2000 | 0.0 | Zinc | 4.51E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 1/19/2001 | 0.0 | Zinc | 3.26E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 1/19/2001 | 0.0 | Zinc | 3.55E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 4/27/2001 | 0.0 | Zinc | 1.42E-01 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 2/20/2002 | 0.0 | Zinc | 1.72E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 2/20/2002 | 0.0 | Zinc | 3.66E-03 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 4/30/2002 | 0.0 | Zinc | 4.55E-03 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Zinc | 2.79E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 10/25/2002 | 0.0 | Zinc | 2.72E-03 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 1/31/2003 | 0.0 | Zinc | 9.36E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 1/31/2003 | 0.0 | Zinc | 1.65E-01 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| CMW25 | 08/31/2005 | 0.0 | Zinc | 0.0632 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| FW38 | 11/19/1993 | 0.0 | 1,3-Dinitrobenzene | 5.70E-04 | | NS | NS | 3.65E-03 | MSC | |
| FW38 | 11/19/1993 | 0.0 | 2,4,6-Trinitrotoluene | 1.97E-03 | | NS | NS | 2.24E-03 | MSC | |
| FW38 | 11/19/1993 | 0.0 | 4-Amino-2,6-dinitrotoluene | 3.16E-03 | | NS | NS | NS | NS | |
| FW38 | 2/11/1997 | 0.0 | Aluminum | 4.01E-02 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **FW38** | **11/19/1993** | **0.0** | **Aluminum** | **5.74E+00** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **FW38** | **10/28/1996** | **0.0** | **Aluminum** | **1.37E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **FW38** | **2/11/1997** | **0.0** | **Aluminum** | **1.72E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| FW38 | 11/19/1993 | 0.0 | Arsenic | 5.55E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| FW38 | 10/28/1996 | 0.0 | Arsenic | 2.00E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| FW38 | 11/19/1993 | 0.0 | Barium | 2.61E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| FW38 | 10/28/1996 | 0.0 | Barium | 9.74E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| FW38 | 10/28/1996 | 0.0 | Barium | 2.70E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| FW38 | 2/11/1997 | 0.0 | Barium | 5.91E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| FW38 | 2/11/1997 | 0.0 | Barium | 2.80E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| FW38 | 10/28/1996 | 0.0 | Beryllium | 2.79E-04 | | NS | 4.00E-03 | 7.30E-02 | MCL | |
| FW38 | 10/28/1996 | 0.0 | Cadmium | 7.99E-04 | | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| FW38 | 2/11/1997 | 0.0 | Cadmium | 1.12E-03 | | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| FW38 | 11/19/1993 | 0.0 | Calcium | 4.46E+00 | | NS | NS | NS | NS | |
| FW38 | 10/28/1996 | 0.0 | Calcium | 3.81E+01 | F | NS | NS | NS | NS | |
| FW38 | 10/28/1996 | 0.0 | Calcium | 6.30E+01 | | NS | NS | NS | NS | |
| FW38 | 2/11/1997 | 0.0 | Calcium | 2.30E+01 | F | NS | NS | NS | NS | |
| FW38 | 2/11/1997 | 0.0 | Calcium | 4.77E+01 | | NS | NS | NS | NS | |
| FW38 | 8/11/1997 | 0.0 | Calcium | 1.21E+02 | | NS | NS | NS | NS | |
| FW38 | 11/19/1993 | 0.0 | Chloride | 2.15E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| FW38 | 11/19/1993 | 0.0 | Chromium | 2.78E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| FW38 | 10/28/1996 | 0.0 | Chromium | 1.42E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| FW38 | 10/28/1996 | 0.0 | Chromium | 1.25E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| FW38 | 2/11/1997 | 0.0 | Chromium | 2.32E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| FW38 | 2/11/1997 | 0.0 | Chromium | 6.15E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| FW38 | 11/19/1993 | 0.0 | Cobalt | 2.46E-02 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| FW38 | 10/28/1996 | 0.0 | Cobalt | 1.39E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| FW38 | 10/28/1996 | 0.0 | Cobalt | 3.78E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| FW38 | 2/11/1997 | 0.0 | Cobalt | 2.24E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| FW38 | 11/19/1993 | 0.0 | Copper | 5.61E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| FW38 | 10/28/1996 | 0.0 | Copper | 3.59E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| FW38 | 2/11/1997 | 0.0 | Copper | 1.21E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| FW38 | 2/11/1997 | 0.0 | Copper | 4.38E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| FW38 | 8/11/1997 | 0.0 | Iron | 5.54E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **FW38** | **11/19/1993** | **0.0** | **Iron** | **6.07E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **FW38** | **10/28/1996** | **0.0** | **Iron** | **1.92E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **FW38** | **2/11/1997** | **0.0** | **Iron** | **1.76E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| FW38 | 10/28/1996 | 0.0 | Lead | 1.46E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| **FW38** | **2/11/1997** | **0.0** | **Lead** | **2.31E-02** | | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| FW38 | 11/19/1993 | 0.0 | Magnesium | 3.11E+00 | | NS | NS | NS | NS | |
| FW38 | 10/28/1996 | 0.0 | Magnesium | 2.42E+01 | F | NS | NS | NS | NS | |
| FW38 | 10/28/1996 | 0.0 | Magnesium | 2.93E+01 | J | NS | NS | NS | NS | |
| FW38 | 2/11/1997 | 0.0 | Magnesium | 2.71E+01 | F | NS | NS | NS | NS | |
| FW38 | 2/11/1997 | 0.0 | Magnesium | 2.97E+01 | | NS | NS | NS | NS | |
| FW38 | 8/11/1997 | 0.0 | Magnesium | 6.89E+01 | | NS | NS | NS | NS | |
| FW38 | 2/11/1997 | 0.0 | Manganese | 5.68E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| FW38 | 8/11/1997 | 0.0 | Manganese | 6.86E-03 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| **FW38** | **11/19/1993** | **0.0** | **Manganese** | **3.04E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **FW38** | **10/28/1996** | **0.0** | **Manganese** | **3.10E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **FW38** | **10/28/1996** | **0.0** | **Manganese** | **6.90E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **FW38** | **2/11/1997** | **0.0** | **Manganese** | **4.10E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| FW38 | 2/11/1997 | 0.0 | Mercury | 4.19E-04 | | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| FW38 | 10/28/1996 | 0.0 | Nickel | 3.44E-02 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| FW38 | 10/28/1996 | 0.0 | Nickel | 6.37E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| FW38 | 2/11/1997 | 0.0 | Nickel | 7.05E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| FW38 | 2/11/1997 | 0.0 | Nickel | 2.45E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| **FW38** | **11/19/1993** | **0.0** | **Nickel** | **4.39E-01** | | **2.00E-01** | **NS** | **7.30E-01** | **NMWQCC** | **YES** |
| FW38 | 8/11/1997 | 0.0 | Nitrite/nitrate - nonspecific | 2.63E-02 | | NS | 1.00E+00 | NS | MCL | |
| FW38 | 11/19/1993 | 0.0 | Phosphate | 2.88E-01 | | NS | NS | NS | NS | |
| FW38 | 11/19/1993 | 0.0 | Potassium | 5.93E+00 | | NS | NS | NS | NS | |
| FW38 | 10/28/1996 | 0.0 | Potassium | 2.68E+00 | F | NS | NS | NS | NS | |
| FW38 | 10/28/1996 | 0.0 | Potassium | 5.96E+00 | | NS | NS | NS | NS | |
| FW38 | 2/11/1997 | 0.0 | Potassium | 2.17E+00 | F | NS | NS | NS | NS | |
| FW38 | 2/11/1997 | 0.0 | Potassium | 6.07E+00 | | NS | NS | NS | NS | |
| FW38 | 8/11/1997 | 0.0 | Potassium | 5.22E+00 | | NS | NS | NS | NS | |
| FW38 | 10/28/1996 | 0.0 | Silver | 1.25E-04 | F | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| FW38 | 11/19/1993 | 0.0 | Sodium | 6.09E+00 | | NS | NS | NS | NS | |
| FW38 | 10/28/1996 | 0.0 | Sodium | 3.44E+02 | F | NS | NS | NS | NS | |
| FW38 | 10/28/1996 | 0.0 | Sodium | 3.68E+02 | | NS | NS | NS | NS | |
| FW38 | 2/11/1997 | 0.0 | Sodium | 4.05E+02 | F | NS | NS | NS | NS | |
| FW38 | 2/11/1997 | 0.0 | Sodium | 3.65E+02 | | NS | NS | NS | NS | |
| FW38 | 8/11/1997 | 0.0 | Sodium | 5.00E+01 | | NS | NS | NS | NS | |
| FW38 | 11/19/1993 | 0.0 | Sulfate | 6.15E+01 | | 6.00E+02 | NS | NS | NMWQCC | |
| FW38 | 11/19/1993 | 0.0 | Vanadium | 1.33E-02 | | NS | NS | 1.83E-01 | MSC | |
| FW38 | 10/28/1996 | 0.0 | Vanadium | 8.66E-03 | | NS | NS | 1.83E-01 | MSC | |
| FW38 | 2/11/1997 | 0.0 | Vanadium | 2.95E-03 | F | NS | NS | 1.83E-01 | MSC | |
| FW38 | 2/11/1997 | 0.0 | Vanadium | 1.15E-02 | | NS | NS | 1.83E-01 | MSC | |
| FW38 | 11/19/1993 | 0.0 | Zinc | 3.31E-01 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| FW38 | 10/28/1996 | 0.0 | Zinc | 3.48E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| FW38 | 10/28/1996 | 0.0 | Zinc | 2.60E-01 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| FW38 | 2/11/1997 | 0.0 | Zinc | 3.20E-01 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW09 | 4/10/2003 | 0.0 | 1,3,5-Trinitrobenzene | 6.50E-05 | J | NS | NS | 1.10E+00 | MSC | |
| KMW09 | 10/29/1996 | 0.0 | Aluminum | 6.11E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Aluminum | 4.28E-02 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Aluminum | 7.10E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 1/26/1999 | 0.0 | Aluminum | 5.62E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 4/17/2000 | 0.0 | Aluminum | 2.45E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 4/17/2000 | 0.0 | Aluminum | 2.22E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 7/27/2000 | 0.0 | Aluminum | 2.41E-01 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 10/18/2000 | 0.0 | Aluminum | 3.01E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 4/26/2001 | 0.0 | Aluminum | 1.15E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 7/25/2001 | 0.0 | Aluminum | 1.44E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 10/10/2001 | 0.0 | Aluminum | 8.10E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 2/20/2002 | 0.0 | Aluminum | 4.68E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 4/30/2002 | 0.0 | Aluminum | 8.42E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 7/16/2002 | 0.0 | Aluminum | 3.19E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 10/23/2002 | 0.0 | Aluminum | 3.70E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW09 | 1/30/2003 | 0.0 | Aluminum | 5.18E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW09 | 4/10/2003 | 0.0 | Aluminum | 3.25E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **KMW09** | **10/23/1998** | **0.0** | **Aluminum** | **1.05E+01** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW09** | **1/27/2000** | **0.0** | **Aluminum** | **5.51E+00** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW09** | **7/27/2000** | **0.0** | **Aluminum** | **5.36E+00** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW09** | **1/19/2001** | **0.0** | **Aluminum** | **4.95E+02** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW09** | **1/30/2003** | **0.0** | **Aluminum** | **8.66E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW09** | **4/10/2003** | **0.0** | **Aluminum** | **3.08E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW09** | **08/30/2005** | **0.0** | **Aluminum** | **109** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW09** | **10/23/1998** | **0.0** | **Ammonia nitrogen** | **9.61E-01** | **FJ** | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| **KMW09** | **10/23/1998** | **0.0** | **Ammonia nitrogen** | **6.83E-01** | **J** | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| **KMW09** | **1/26/1999** | **0.0** | **Ammonia nitrogen** | **7.16E-01** | **F** | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| **KMW09** | **1/26/1999** | **0.0** | **Ammonia nitrogen** | **7.59E-01** | | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| KMW09 | 2/10/1997 | 0.0 | Antimony | 1.03E-03 | F | NS | 6.00E-03 | 1.46E-02 | MCL | |
| KMW09 | 2/10/1997 | 0.0 | Antimony | 1.92E-03 | | NS | 6.00E-03 | 1.46E-02 | MCL | |
| KMW09 | 10/23/1998 | 0.0 | Antimony | 6.71E-04 | F | NS | 6.00E-03 | 1.46E-02 | MCL | |
| KMW09 | 10/23/1998 | 0.0 | Antimony | 7.74E-04 | | NS | 6.00E-03 | 1.46E-02 | MCL | |
| KMW09 | 1/26/1999 | 0.0 | Antimony | 7.31E-04 | FJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| KMW09 | 1/26/1999 | 0.0 | Antimony | 9.34E-04 | J | NS | 6.00E-03 | 1.46E-02 | MCL | |
| KMW09 | 4/17/2000 | 0.0 | Antimony | 1.10E-03 | J | NS | 6.00E-03 | 1.46E-02 | MCL | |
| KMW09 | 4/10/2003 | 0.0 | Antimony | 1.13E-03 | FJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| KMW09 | 10/29/1996 | 0.0 | Arsenic | 1.34E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 10/29/1996 | 0.0 | Arsenic | 2.01E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 2/10/1997 | 0.0 | Arsenic | 1.25E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 10/23/1998 | 0.0 | Arsenic | 1.58E-03 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 10/23/1998 | 0.0 | Arsenic | 3.73E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 1/27/2000 | 0.0 | Arsenic | 6.52E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 7/27/2000 | 0.0 | Arsenic | 3.50E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 1/19/2001 | 0.0 | Arsenic | 2.10E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 4/26/2001 | 0.0 | Arsenic | 1.50E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 4/26/2001 | 0.0 | Arsenic | 2.20E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 7/16/2002 | 0.0 | Arsenic | 1.03E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 7/16/2002 | 0.0 | Arsenic | 1.15E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 10/23/2002 | 0.0 | Arsenic | 6.81E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 10/23/2002 | 0.0 | Arsenic | 1.04E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 1/30/2003 | 0.0 | Arsenic | 8.45E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 1/30/2003 | 0.0 | Arsenic | 8.66E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 4/10/2003 | 0.0 | Arsenic | 3.49E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW09 | 08/30/2005 | 0.0 | Arsenic | 0.000625 | JF | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| **KMW09** | **1/19/2001** | **0.0** | **Arsenic** | **3.37E-02** | | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| **KMW09** | **08/30/2005** | **0.0** | **Arsenic** | **0.0131** | | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| KMW09 | 10/29/1996 | 0.0 | Barium | 6.59E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 10/29/1996 | 0.0 | Barium | 7.17E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Barium | 2.02E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Barium | 3.54E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 10/23/1998 | 0.0 | Barium | 3.17E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 10/23/1998 | 0.0 | Barium | 9.89E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 1/26/1999 | 0.0 | Barium | 1.89E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW09 | 1/26/1999 | 0.0 | Barium | 2.23E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 1/27/2000 | 0.0 | Barium | 1.92E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 1/27/2000 | 0.0 | Barium | 5.03E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 4/17/2000 | 0.0 | Barium | 1.76E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 4/17/2000 | 0.0 | Barium | 2.26E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 7/27/2000 | 0.0 | Barium | 3.43E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 10/18/2000 | 0.0 | Barium | 1.28E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 10/18/2000 | 0.0 | Barium | 2.02E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 1/19/2001 | 0.0 | Barium | 3.75E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 4/26/2001 | 0.0 | Barium | 1.34E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 4/26/2001 | 0.0 | Barium | 1.67E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 7/25/2001 | 0.0 | Barium | 1.33E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 7/25/2001 | 0.0 | Barium | 1.62E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 10/10/2001 | 0.0 | Barium | 1.20E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 10/10/2001 | 0.0 | Barium | 1.39E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 2/20/2002 | 0.0 | Barium | 1.13E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 2/20/2002 | 0.0 | Barium | 1.55E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 4/30/2002 | 0.0 | Barium | 1.18E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 4/30/2002 | 0.0 | Barium | 1.41E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 7/16/2002 | 0.0 | Barium | 1.28E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 7/16/2002 | 0.0 | Barium | 1.35E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 10/23/2002 | 0.0 | Barium | 1.43E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 10/23/2002 | 0.0 | Barium | 1.51E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 1/30/2003 | 0.0 | Barium | 2.18E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 1/30/2003 | 0.0 | Barium | 1.83E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 4/10/2003 | 0.0 | Barium | 2.29E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 4/10/2003 | 0.0 | Barium | 9.31E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 08/30/2005 | 0.0 | Barium | 0.0189 | JF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW09 | 08/30/2005 | 0.0 | Barium | 0.25 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| **KMW09** | **1/19/2001** | **0.0** | **Barium** | **1.05E+00** | | **1.00E+00** | **2.00E+00** | **7.30E+00** | **NMWQCC** | **YES** |
| KMW09 | 10/23/1998 | 0.0 | Beryllium | 4.72E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW09 | 1/27/2000 | 0.0 | Beryllium | 9.09E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW09 | 1/30/2003 | 0.0 | Beryllium | 2.64E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW09 | 4/10/2003 | 0.0 | Beryllium | 2.15E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW09 | 08/30/2005 | 0.0 | Beryllium | 0.00389 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| **KMW09** | **1/19/2001** | **0.0** | **Beryllium** | **1.79E-02** | | **NS** | **4.00E-03** | **7.30E-02** | **MCL** | **YES** |
| KMW09 | 1/26/1999 | 0.0 | Boron | 2.66E-01 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| KMW09 | 1/26/1999 | 0.0 | Boron | 2.65E-01 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| KMW09 | 10/23/1998 | 0.0 | Cadmium | 1.76E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| KMW09 | 1/19/2001 | 0.0 | Cadmium | 1.21E-03 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| KMW09 | 4/10/2003 | 0.0 | Cadmium | 1.20E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| KMW09 | 10/29/1996 | 0.0 | Calcium | 1.79E+02 | F | NS | NS | NS | NS | |
| KMW09 | 10/29/1996 | 0.0 | Calcium | 1.98E+02 | | NS | NS | NS | NS | |
| KMW09 | 2/10/1997 | 0.0 | Calcium | 1.08E+02 | F | NS | NS | NS | NS | |
| KMW09 | 2/10/1997 | 0.0 | Calcium | 1.50E+02 | | NS | NS | NS | NS | |
| KMW09 | 10/23/1998 | 0.0 | Calcium | 1.56E+02 | FJ | NS | NS | NS | NS | |
| KMW09 | 10/23/1998 | 0.0 | Calcium | 1.81E+02 | J | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW09 | 1/26/1999 | 0.0 | Calcium | 1.68E+02 | F | NS | NS | NS | NS | |
| KMW09 | 1/26/1999 | 0.0 | Calcium | 1.75E+02 | | NS | NS | NS | NS | |
| KMW09 | 1/27/2000 | 0.0 | Calcium | 1.92E+02 | F | NS | NS | NS | NS | |
| KMW09 | 1/27/2000 | 0.0 | Calcium | 3.08E+02 | | NS | NS | NS | NS | |
| KMW09 | 4/17/2000 | 0.0 | Calcium | 2.14E+02 | F | NS | NS | NS | NS | |
| KMW09 | 4/17/2000 | 0.0 | Calcium | 2.20E+02 | | NS | NS | NS | NS | |
| KMW09 | 7/27/2000 | 0.0 | Calcium | 2.09E+02 | F | NS | NS | NS | NS | |
| KMW09 | 7/27/2000 | 0.0 | Calcium | 2.36E+02 | | NS | NS | NS | NS | |
| KMW09 | 10/18/2000 | 0.0 | Calcium | 2.15E+02 | F | NS | NS | NS | NS | |
| KMW09 | 10/18/2000 | 0.0 | Calcium | 2.20E+02 | | NS | NS | NS | NS | |
| KMW09 | 1/19/2001 | 0.0 | Calcium | 1.76E+02 | F | NS | NS | NS | NS | |
| KMW09 | 1/19/2001 | 0.0 | Calcium | 7.88E+02 | | NS | NS | NS | NS | |
| KMW09 | 4/26/2001 | 0.0 | Calcium | 1.91E+02 | F | NS | NS | NS | NS | |
| KMW09 | 4/26/2001 | 0.0 | Calcium | 1.85E+02 | | NS | NS | NS | NS | |
| KMW09 | 7/25/2001 | 0.0 | Calcium | 1.67E+02 | F | NS | NS | NS | NS | |
| KMW09 | 7/25/2001 | 0.0 | Calcium | 1.64E+02 | | NS | NS | NS | NS | |
| KMW09 | 10/10/2001 | 0.0 | Calcium | 1.68E+02 | F | NS | NS | NS | NS | |
| KMW09 | 10/10/2001 | 0.0 | Calcium | 1.67E+02 | | NS | NS | NS | NS | |
| KMW09 | 2/20/2002 | 0.0 | Calcium | 1.63E+02 | F | NS | NS | NS | NS | |
| KMW09 | 2/20/2002 | 0.0 | Calcium | 1.58E+02 | | NS | NS | NS | NS | |
| KMW09 | 4/30/2002 | 0.0 | Calcium | 1.63E+02 | F | NS | NS | NS | NS | |
| KMW09 | 4/30/2002 | 0.0 | Calcium | 1.61E+02 | | NS | NS | NS | NS | |
| KMW09 | 7/16/2002 | 0.0 | Calcium | 1.56E+02 | F | NS | NS | NS | NS | |
| KMW09 | 7/16/2002 | 0.0 | Calcium | 1.56E+02 | | NS | NS | NS | NS | |
| KMW09 | 10/23/2002 | 0.0 | Calcium | 1.63E+02 | F | NS | NS | NS | NS | |
| KMW09 | 10/23/2002 | 0.0 | Calcium | 1.68E+02 | | NS | NS | NS | NS | |
| KMW09 | 1/30/2003 | 0.0 | Calcium | 1.87E+02 | F | NS | NS | NS | NS | |
| KMW09 | 1/30/2003 | 0.0 | Calcium | 2.43E+02 | | NS | NS | NS | NS | |
| KMW09 | 4/10/2003 | 0.0 | Calcium | 1.53E+02 | F | NS | NS | NS | NS | |
| KMW09 | 4/10/2003 | 0.0 | Calcium | 1.80E+02 | | NS | NS | NS | NS | |
| KMW09 | 08/30/2005 | 0.0 | Calcium | 175 | F | NS | NS | NS | NS | |
| KMW09 | 08/30/2005 | 0.0 | Calcium | 245 | | NS | NS | NS | NS | |
| KMW09 | 10/23/1998 | 0.0 | Chloride | 2.49E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| KMW09 | 1/26/1999 | 0.0 | Chloride | 2.54E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| KMW09 | 10/29/1996 | 0.0 | Chromium | 7.55E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW09 | 10/29/1996 | 0.0 | Chromium | 6.74E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Chromium | 3.57E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Chromium | 3.46E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW09 | 1/27/2000 | 0.0 | Chromium | 1.35E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW09 | 4/17/2000 | 0.0 | Chromium | 2.80E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW09 | 10/18/2000 | 0.0 | Chromium | 7.35E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW09 | 10/10/2001 | 0.0 | Chromium | 7.49E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW09 | 2/20/2002 | 0.0 | Chromium | 1.82E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW09 | 10/23/2002 | 0.0 | Chromium | 5.47E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW09 | 4/10/2003 | 0.0 | Chromium | 3.10E-02 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW09 | 08/30/2005 | 0.0 | Chromium | 0.00305 | JF | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| **KMW09** | **1/19/2001** | **0.0** | **Chromium** | **8.11E-02** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| **KMW09** | **1/30/2003** | **0.0** | **Chromium** | **5.70E-02** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **KMW09** | **4/10/2003** | **0.0** | **Chromium** | **3.48E-01** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| **KMW09** | **08/30/2005** | **0.0** | **Chromium** | **0.0715** | | **5.00E-02** | **1.00E-01** | **NS** | **NMWQCC** | **YES** |
| KMW09 | 2/10/1997 | 0.0 | Cobalt | 1.21E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 1/27/2000 | 0.0 | Cobalt | 1.53E-03 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 1/27/2000 | 0.0 | Cobalt | 1.23E-02 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 4/26/2001 | 0.0 | Cobalt | 3.80E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 4/26/2001 | 0.0 | Cobalt | 5.60E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 10/23/2002 | 0.0 | Cobalt | 8.83E-04 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 10/23/2002 | 0.0 | Cobalt | 9.38E-04 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 1/30/2003 | 0.0 | Cobalt | 1.81E-02 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 4/10/2003 | 0.0 | Cobalt | 2.06E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 4/10/2003 | 0.0 | Cobalt | 8.05E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 08/30/2005 | 0.0 | Cobalt | 0.0000508 | JF | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 08/30/2005 | 0.0 | Cobalt | 0.0159 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| **KMW09** | **1/19/2001** | **0.0** | **Cobalt** | **7.84E-02** | | **5.00E-02** | **NS** | **7.30E-01** | **NMWQCC** | **YES** |
| KMW09 | 10/29/1996 | 0.0 | Copper | 2.45E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Copper | 1.63E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Copper | 3.69E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW09 | 10/23/1998 | 0.0 | Copper | 1.27E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW09 | 1/26/1999 | 0.0 | Copper | 4.52E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW09 | 10/18/2000 | 0.0 | Copper | 1.16E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW09 | 1/19/2001 | 0.0 | Copper | 1.24E-01 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW09 | 1/30/2003 | 0.0 | Copper | 2.08E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW09 | 4/10/2003 | 0.0 | Copper | 1.18E-02 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW09 | 08/30/2005 | 0.0 | Copper | 0.029 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW09 | 10/29/1996 | 0.0 | HMX | 9.27E-05 | J | NS | NS | 1.83E+00 | MSC | |
| KMW09 | 10/29/1996 | 0.0 | Iron | 4.46E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Iron | 4.03E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 1/26/1999 | 0.0 | Iron | 4.17E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 4/26/2001 | 0.0 | Iron | 8.81E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 7/25/2001 | 0.0 | Iron | 6.89E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 10/10/2001 | 0.0 | Iron | 4.27E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 2/20/2002 | 0.0 | Iron | 1.03E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 2/20/2002 | 0.0 | Iron | 3.38E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 4/30/2002 | 0.0 | Iron | 3.87E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 7/16/2002 | 0.0 | Iron | 3.62E-02 | FJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 7/16/2002 | 0.0 | Iron | 1.69E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 10/23/2002 | 0.0 | Iron | 2.41E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW09 | 1/30/2003 | 0.0 | Iron | 2.45E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **KMW09** | **10/23/1998** | **0.0** | **Iron** | **1.06E+01** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW09** | **1/27/2000** | **0.0** | **Iron** | **8.30E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW09** | **4/17/2000** | **0.0** | **Iron** | **2.38E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW09** | **7/27/2000** | **0.0** | **Iron** | **6.18E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW09** | **10/18/2000** | **0.0** | **Iron** | **2.13E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW09** | **1/19/2001** | **0.0** | **Iron** | **2.27E+02** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW09** | **1/30/2003** | **0.0** | **Iron** | **4.12E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| **KMW09** | **4/10/2003** | **0.0** | **Iron** | **1.57E+00** | **F** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW09** | **4/10/2003** | **0.0** | **Iron** | **1.77E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW09** | **08/30/2005** | **0.0** | **Iron** | **55.1** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| KMW09 | 2/10/1997 | 0.0 | Lead | 2.43E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW09 | 10/23/1998 | 0.0 | Lead | 8.08E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW09 | 7/27/2000 | 0.0 | Lead | 3.60E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW09 | 10/18/2000 | 0.0 | Lead | 5.60E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW09 | 4/26/2001 | 0.0 | Lead | 3.70E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW09 | 4/30/2002 | 0.0 | Lead | 1.28E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW09 | 4/10/2003 | 0.0 | Lead | 1.12E-03 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW09 | 4/10/2003 | 0.0 | Lead | 1.00E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| **KMW09** | **1/27/2000** | **0.0** | **Lead** | **2.35E-02** | | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| **KMW09** | **1/19/2001** | **0.0** | **Lead** | **2.28E-01** | | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| **KMW09** | **1/30/2003** | **0.0** | **Lead** | **2.60E-02** | | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| **KMW09** | **08/30/2005** | **0.0** | **Lead** | **0.046** | | **5.00E-02** | **1.50E-02** | **1.50E-02** | **MCL** | **YES** |
| KMW09 | 10/29/1996 | 0.0 | Magnesium | 2.98E+00 | F | NS | NS | NS | NS | |
| KMW09 | 10/29/1996 | 0.0 | Magnesium | 4.69E+00 | J | NS | NS | NS | NS | |
| KMW09 | 2/10/1997 | 0.0 | Magnesium | 2.52E+01 | F | NS | NS | NS | NS | |
| KMW09 | 2/10/1997 | 0.0 | Magnesium | 3.75E+01 | | NS | NS | NS | NS | |
| KMW09 | 10/23/1998 | 0.0 | Magnesium | 2.43E+01 | FJ | NS | NS | NS | NS | |
| KMW09 | 10/23/1998 | 0.0 | Magnesium | 3.74E+01 | J | NS | NS | NS | NS | |
| KMW09 | 1/26/1999 | 0.0 | Magnesium | 3.74E+01 | F | NS | NS | NS | NS | |
| KMW09 | 1/26/1999 | 0.0 | Magnesium | 3.85E+01 | | NS | NS | NS | NS | |
| KMW09 | 1/27/2000 | 0.0 | Magnesium | 4.45E+01 | F | NS | NS | NS | NS | |
| KMW09 | 1/27/2000 | 0.0 | Magnesium | 6.83E+01 | | NS | NS | NS | NS | |
| KMW09 | 4/17/2000 | 0.0 | Magnesium | 4.14E+01 | F | NS | NS | NS | NS | |
| KMW09 | 4/17/2000 | 0.0 | Magnesium | 4.27E+01 | | NS | NS | NS | NS | |
| KMW09 | 7/27/2000 | 0.0 | Magnesium | 4.67E+01 | F | NS | NS | NS | NS | |
| KMW09 | 7/27/2000 | 0.0 | Magnesium | 5.16E+01 | | NS | NS | NS | NS | |
| KMW09 | 10/18/2000 | 0.0 | Magnesium | 4.54E+01 | F | NS | NS | NS | NS | |
| KMW09 | 10/18/2000 | 0.0 | Magnesium | 4.66E+01 | | NS | NS | NS | NS | |
| KMW09 | 1/19/2001 | 0.0 | Magnesium | 3.15E+01 | F | NS | NS | NS | NS | |
| KMW09 | 1/19/2001 | 0.0 | Magnesium | 2.11E+02 | | NS | NS | NS | NS | |
| KMW09 | 4/26/2001 | 0.0 | Magnesium | 4.13E+01 | F | NS | NS | NS | NS | |
| KMW09 | 4/26/2001 | 0.0 | Magnesium | 3.78E+01 | | NS | NS | NS | NS | |
| KMW09 | 7/25/2001 | 0.0 | Magnesium | 3.58E+01 | F | NS | NS | NS | NS | |
| KMW09 | 7/25/2001 | 0.0 | Magnesium | 3.42E+01 | | NS | NS | NS | NS | |
| KMW09 | 10/10/2001 | 0.0 | Magnesium | 3.31E+01 | F | NS | NS | NS | NS | |
| KMW09 | 10/10/2001 | 0.0 | Magnesium | 3.20E+01 | | NS | NS | NS | NS | |
| KMW09 | 2/20/2002 | 0.0 | Magnesium | 2.86E+01 | F | NS | NS | NS | NS | |
| KMW09 | 2/20/2002 | 0.0 | Magnesium | 2.78E+01 | | NS | NS | NS | NS | |
| KMW09 | 4/30/2002 | 0.0 | Magnesium | 3.07E+01 | F | NS | NS | NS | NS | |
| KMW09 | 4/30/2002 | 0.0 | Magnesium | 3.23E+01 | | NS | NS | NS | NS | |
| KMW09 | 7/16/2002 | 0.0 | Magnesium | 3.00E+01 | F | NS | NS | NS | NS | |
| KMW09 | 7/16/2002 | 0.0 | Magnesium | 3.38E+01 | | NS | NS | NS | NS | |
| KMW09 | 10/23/2002 | 0.0 | Magnesium | 2.92E+01 | F | NS | NS | NS | NS | |
| KMW09 | 10/23/2002 | 0.0 | Magnesium | 3.28E+01 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW09 | 1/30/2003 | 0.0 | Magnesium | 4.23E+01 | F | NS | NS | NS | NS | |
| KMW09 | 1/30/2003 | 0.0 | Magnesium | 6.53E+01 | | NS | NS | NS | NS | |
| KMW09 | 4/10/2003 | 0.0 | Magnesium | 3.56E+01 | F | NS | NS | NS | NS | |
| KMW09 | 4/10/2003 | 0.0 | Magnesium | 4.57E+01 | | NS | NS | NS | NS | |
| KMW09 | 08/30/2005 | 0.0 | Magnesium | 38.7 | F | NS | NS | NS | NS | |
| KMW09 | 08/30/2005 | 0.0 | Magnesium | 68.9 | | NS | NS | NS | NS | |
| KMW09 | 10/29/1996 | 0.0 | Manganese | 7.33E-03 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Manganese | 7.52E-04 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Manganese | 2.13E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 1/26/1999 | 0.0 | Manganese | 4.40E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 1/26/1999 | 0.0 | Manganese | 6.13E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 1/27/2000 | 0.0 | Manganese | 7.31E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 4/17/2000 | 0.0 | Manganese | 1.49E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 7/27/2000 | 0.0 | Manganese | 1.89E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 10/18/2000 | 0.0 | Manganese | 1.83E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 1/19/2001 | 0.0 | Manganese | 2.15E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 4/26/2001 | 0.0 | Manganese | 7.86E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 4/26/2001 | 0.0 | Manganese | 7.22E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 7/25/2001 | 0.0 | Manganese | 5.16E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 7/25/2001 | 0.0 | Manganese | 6.06E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 10/10/2001 | 0.0 | Manganese | 4.90E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 10/10/2001 | 0.0 | Manganese | 6.18E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 2/20/2002 | 0.0 | Manganese | 5.17E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 2/20/2002 | 0.0 | Manganese | 5.47E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 4/30/2002 | 0.0 | Manganese | 6.44E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 4/30/2002 | 0.0 | Manganese | 6.99E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 7/16/2002 | 0.0 | Manganese | 8.07E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 7/16/2002 | 0.0 | Manganese | 8.56E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 10/23/2002 | 0.0 | Manganese | 7.90E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 10/23/2002 | 0.0 | Manganese | 9.41E-02 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 1/30/2003 | 0.0 | Manganese | 1.84E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 4/10/2003 | 0.0 | Manganese | 8.72E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW09 | 08/30/2005 | 0.0 | Manganese | 0.149 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| **KMW09** | **10/23/1998** | **0.0** | **Manganese** | **2.27E-01** | **J** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW09** | **1/27/2000** | **0.0** | **Manganese** | **6.55E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW09** | **7/27/2000** | **0.0** | **Manganese** | **3.76E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW09** | **10/18/2000** | **0.0** | **Manganese** | **2.09E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW09** | **1/19/2001** | **0.0** | **Manganese** | **4.53E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW09** | **1/30/2003** | **0.0** | **Manganese** | **9.06E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW09** | **4/10/2003** | **0.0** | **Manganese** | **3.08E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW09** | **08/30/2005** | **0.0** | **Manganese** | **1.07** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| KMW09 | 1/27/2000 | 0.0 | Mercury | 5.79E-05 | J | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| KMW09 | 1/19/2001 | 0.0 | Mercury | 3.72E-04 | | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| KMW09 | 1/30/2003 | 0.0 | Mercury | 3.36E-05 | J | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| KMW09 | 08/30/2005 | 0.0 | Mercury | 0.0000435 | J | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| KMW09 | 10/29/1996 | 0.0 | Nickel | 6.52E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW09 | 10/29/1996 | 0.0 | Nickel | 8.21E-03 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KMW09 | 2/10/1997 | 0.0 | Nickel | 3.25E-03 | F | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW09 | 2/10/1997 | 0.0 | Nickel | 5.41E-03 | | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW09 | 1/19/2001 | 0.0 | Nickel | 1.84E-01 | | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW09 | 7/16/2002 | 0.0 | Nickel | 1.14E-02 | J | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW09 | 1/30/2003 | 0.0 | Nickel | 1.92E-02 | J | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW09 | 4/10/2003 | 0.0 | Nickel | 3.11E-02 | FJ | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW09 | 08/30/2005 | 0.0 | Nickel | 0.0505 | | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| **KMW09** | **4/10/2003** | **0.0** | **Nickel** | **3.00E-01** | | **2.00E-01** | **NS** | | **7.30E-01** | **NMWQCC** | **YES** |
| KMW09 | 10/23/1998 | 0.0 | Nitrate | 1.87E-02 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW09 | 10/18/2000 | 0.0 | Nitrate | 2.71E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW09 | 1/19/2001 | 0.0 | Nitrate | 5.62E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW09 | 4/26/2001 | 0.0 | Nitrate | 1.90E+00 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW09 | 7/25/2001 | 0.0 | Nitrate | 1.11E+00 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW09 | 10/10/2001 | 0.0 | Nitrate | 7.16E-01 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW09 | 2/20/2002 | 0.0 | Nitrate | 6.01E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW09 | 1/30/2003 | 0.0 | Nitrate | 6.00E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW09 | 4/10/2003 | 0.0 | Nitrate | 6.70E-01 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW09 | 08/30/2005 | 0.0 | Nitrate as N | 0.92 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW09 | 08/30/2005 | 0.0 | Nitrate/Nitrite Nitrogen | 0.62 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW09 | 10/23/1998 | 0.0 | Nitrite | 1.01E-02 | | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| KMW09 | 10/18/2000 | 0.0 | Nitrite | 4.54E-02 | | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| KMW09 | 1/19/2001 | 0.0 | Nitrite | 1.00E-01 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| KMW09 | 7/25/2001 | 0.0 | Nitrite | 1.49E-01 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| KMW09 | 10/10/2001 | 0.0 | Nitrite | 1.09E-01 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| KMW09 | 2/20/2002 | 0.0 | Nitrite | 9.60E-02 | J | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| KMW09 | 10/23/2002 | 0.0 | Nitrite | 1.07E-02 | | NS | 1.00E+00 | | 1.00E+00 | MCL | |
| KMW09 | 10/18/2000 | 0.0 | Perchlorate | 1.00E-02 | | NS | NS | | 2.45E-02 | MSC | |
| KMW09 | 10/29/1996 | 0.0 | Potassium | 2.00E+01 | F | NS | NS | | NS | NS | |
| KMW09 | 10/29/1996 | 0.0 | Potassium | 2.11E+01 | | NS | NS | | NS | NS | |
| KMW09 | 2/10/1997 | 0.0 | Potassium | 1.44E+01 | F | NS | NS | | NS | NS | |
| KMW09 | 2/10/1997 | 0.0 | Potassium | 1.34E+01 | | NS | NS | | NS | NS | |
| KMW09 | 10/23/1998 | 0.0 | Potassium | 1.57E+01 | FJ | NS | NS | | NS | NS | |
| KMW09 | 10/23/1998 | 0.0 | Potassium | 1.69E+01 | J | NS | NS | | NS | NS | |
| KMW09 | 1/26/1999 | 0.0 | Potassium | 1.30E+01 | F | NS | NS | | NS | NS | |
| KMW09 | 1/26/1999 | 0.0 | Potassium | 1.30E+01 | | NS | NS | | NS | NS | |
| KMW09 | 1/27/2000 | 0.0 | Potassium | 1.29E+01 | F | NS | NS | | NS | NS | |
| KMW09 | 1/27/2000 | 0.0 | Potassium | 1.23E+01 | | NS | NS | | NS | NS | |
| KMW09 | 4/17/2000 | 0.0 | Potassium | 1.39E+01 | F | NS | NS | | NS | NS | |
| KMW09 | 4/17/2000 | 0.0 | Potassium | 1.42E+01 | | NS | NS | | NS | NS | |
| KMW09 | 7/27/2000 | 0.0 | Potassium | 1.30E+01 | F | NS | NS | | NS | NS | |
| KMW09 | 7/27/2000 | 0.0 | Potassium | 1.37E+01 | | NS | NS | | NS | NS | |
| KMW09 | 10/18/2000 | 0.0 | Potassium | 1.32E+01 | F | NS | NS | | NS | NS | |
| KMW09 | 10/18/2000 | 0.0 | Potassium | 1.30E+01 | | NS | NS | | NS | NS | |
| KMW09 | 1/19/2001 | 0.0 | Potassium | 1.27E+01 | F | NS | NS | | NS | NS | |
| KMW09 | 1/19/2001 | 0.0 | Potassium | 9.37E+01 | | NS | NS | | NS | NS | |
| KMW09 | 4/26/2001 | 0.0 | Potassium | 1.48E+01 | F | NS | NS | | NS | NS | |
| KMW09 | 4/26/2001 | 0.0 | Potassium | 1.31E+01 | | NS | NS | | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW09 | 7/25/2001 | 0.0 | Potassium | 1.28E+01 | F | NS | NS | NS | NS | |
| KMW09 | 7/25/2001 | 0.0 | Potassium | 1.33E+01 | | NS | NS | NS | NS | |
| KMW09 | 10/10/2001 | 0.0 | Potassium | 1.36E+01 | F | NS | NS | NS | NS | |
| KMW09 | 10/10/2001 | 0.0 | Potassium | 1.34E+01 | | NS | NS | NS | NS | |
| KMW09 | 2/20/2002 | 0.0 | Potassium | 1.37E+01 | F | NS | NS | NS | NS | |
| KMW09 | 2/20/2002 | 0.0 | Potassium | 1.32E+01 | | NS | NS | NS | NS | |
| KMW09 | 4/30/2002 | 0.0 | Potassium | 1.25E+01 | F | NS | NS | NS | NS | |
| KMW09 | 4/30/2002 | 0.0 | Potassium | 1.24E+01 | | NS | NS | NS | NS | |
| KMW09 | 7/16/2002 | 0.0 | Potassium | 1.30E+01 | F | NS | NS | NS | NS | |
| KMW09 | 7/16/2002 | 0.0 | Potassium | 1.25E+01 | | NS | NS | NS | NS | |
| KMW09 | 10/23/2002 | 0.0 | Potassium | 1.35E+01 | F | NS | NS | NS | NS | |
| KMW09 | 10/23/2002 | 0.0 | Potassium | 1.35E+01 | | NS | NS | NS | NS | |
| KMW09 | 1/30/2003 | 0.0 | Potassium | 1.32E+01 | F | NS | NS | NS | NS | |
| KMW09 | 1/30/2003 | 0.0 | Potassium | 2.99E+01 | | NS | NS | NS | NS | |
| KMW09 | 4/10/2003 | 0.0 | Potassium | 1.19E+01 | F | NS | NS | NS | NS | |
| KMW09 | 4/10/2003 | 0.0 | Potassium | 1.82E+01 | | NS | NS | NS | NS | |
| KMW09 | 08/30/2005 | 0.0 | Potassium | 12.1 | F | NS | NS | NS | NS | |
| KMW09 | 08/30/2005 | 0.0 | Potassium | 32.8 | | NS | NS | NS | NS | |
| KMW09 | 10/29/1996 | 0.0 | Selenium | 3.26E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW09 | 10/29/1996 | 0.0 | Selenium | 3.90E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW09 | 10/23/1998 | 0.0 | Selenium | 2.34E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW09 | 1/26/1999 | 0.0 | Selenium | 1.47E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW09 | 10/18/2000 | 0.0 | Selenium | 2.49E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW09 | 4/26/2001 | 0.0 | Selenium | 1.50E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW09 | 4/26/2001 | 0.0 | Selenium | 2.50E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW09 | 1/30/2003 | 0.0 | Selenium | 7.99E-04 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW09 | 1/30/2003 | 0.0 | Selenium | 1.13E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW09 | 08/30/2005 | 0.0 | Selenium | 0.004 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW09 | 08/30/2005 | 0.0 | Selenium | 0.00157 | JF | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW09 | 10/23/1998 | 0.0 | Silver | 1.16E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| KMW09 | 10/29/1996 | 0.0 | Sodium | 5.20E+02 | F | NS | NS | NS | NS | |
| KMW09 | 10/29/1996 | 0.0 | Sodium | 6.00E+02 | | NS | NS | NS | NS | |
| KMW09 | 2/10/1997 | 0.0 | Sodium | 5.40E+02 | F | NS | NS | NS | NS | |
| KMW09 | 2/10/1997 | 0.0 | Sodium | 5.50E+02 | | NS | NS | NS | NS | |
| KMW09 | 10/23/1998 | 0.0 | Sodium | 6.04E+02 | F | NS | NS | NS | NS | |
| KMW09 | 10/23/1998 | 0.0 | Sodium | 5.71E+02 | | NS | NS | NS | NS | |
| KMW09 | 1/26/1999 | 0.0 | Sodium | 6.30E+02 | F | NS | NS | NS | NS | |
| KMW09 | 1/26/1999 | 0.0 | Sodium | 6.10E+02 | | NS | NS | NS | NS | |
| KMW09 | 1/27/2000 | 0.0 | Sodium | 6.25E+02 | F | NS | NS | NS | NS | |
| KMW09 | 1/27/2000 | 0.0 | Sodium | 6.20E+02 | | NS | NS | NS | NS | |
| KMW09 | 4/17/2000 | 0.0 | Sodium | 6.37E+02 | F | NS | NS | NS | NS | |
| KMW09 | 4/17/2000 | 0.0 | Sodium | 6.75E+02 | | NS | NS | NS | NS | |
| KMW09 | 7/27/2000 | 0.0 | Sodium | 6.31E+02 | F | NS | NS | NS | NS | |
| KMW09 | 7/27/2000 | 0.0 | Sodium | 6.21E+02 | | NS | NS | NS | NS | |
| KMW09 | 10/18/2000 | 0.0 | Sodium | 6.65E+02 | F | NS | NS | NS | NS | |
| KMW09 | 10/18/2000 | 0.0 | Sodium | 6.45E+02 | | NS | NS | NS | NS | |
| KMW09 | 1/19/2001 | 0.0 | Sodium | 6.70E+02 | F | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW09 | 1/19/2001 | 0.0 | Sodium | 6.95E+02 | | NS | NS | NS | NS | |
| KMW09 | 4/26/2001 | 0.0 | Sodium | 6.54E+02 | F | NS | NS | NS | NS | |
| KMW09 | 4/26/2001 | 0.0 | Sodium | 6.10E+02 | | NS | NS | NS | NS | |
| KMW09 | 7/25/2001 | 0.0 | Sodium | 6.02E+02 | F | NS | NS | NS | NS | |
| KMW09 | 7/25/2001 | 0.0 | Sodium | 5.93E+02 | | NS | NS | NS | NS | |
| KMW09 | 10/10/2001 | 0.0 | Sodium | 6.40E+02 | F | NS | NS | NS | NS | |
| KMW09 | 10/10/2001 | 0.0 | Sodium | 5.89E+02 | | NS | NS | NS | NS | |
| KMW09 | 2/20/2002 | 0.0 | Sodium | 6.51E+02 | F | NS | NS | NS | NS | |
| KMW09 | 2/20/2002 | 0.0 | Sodium | 6.28E+02 | | NS | NS | NS | NS | |
| KMW09 | 4/30/2002 | 0.0 | Sodium | 5.63E+02 | F | NS | NS | NS | NS | |
| KMW09 | 4/30/2002 | 0.0 | Sodium | 5.76E+02 | | NS | NS | NS | NS | |
| KMW09 | 7/16/2002 | 0.0 | Sodium | 5.82E+02 | F | NS | NS | NS | NS | |
| KMW09 | 7/16/2002 | 0.0 | Sodium | 6.00E+02 | | NS | NS | NS | NS | |
| KMW09 | 10/23/2002 | 0.0 | Sodium | 6.00E+02 | F | NS | NS | NS | NS | |
| KMW09 | 10/23/2002 | 0.0 | Sodium | 6.19E+02 | | NS | NS | NS | NS | |
| KMW09 | 1/30/2003 | 0.0 | Sodium | 6.57E+02 | F | NS | NS | NS | NS | |
| KMW09 | 1/30/2003 | 0.0 | Sodium | 6.50E+02 | | NS | NS | NS | NS | |
| KMW09 | 4/10/2003 | 0.0 | Sodium | 6.03E+02 | F | NS | NS | NS | NS | |
| KMW09 | 4/10/2003 | 0.0 | Sodium | 6.26E+02 | | NS | NS | NS | NS | |
| KMW09 | 08/30/2005 | 0.0 | Sodium | 633 | F | NS | NS | NS | NS | |
| KMW09 | 08/30/2005 | 0.0 | Sodium | 647 | | NS | NS | NS | NS | |
| **KMW09** | **10/23/1998** | **0.0** | **Sulfate** | **1.73E+03** | | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| **KMW09** | **1/26/1999** | **0.0** | **Sulfate** | **1.46E+03** | | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| KMW09 | 10/23/1998 | 0.0 | Thallium | 1.19E-04 | F | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW09 | 10/23/1998 | 0.0 | Thallium | 1.81E-04 | | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW09 | 1/19/2001 | 0.0 | Thallium | 1.33E-03 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW09 | 1/30/2003 | 0.0 | Thallium | 4.64E-05 | FJ | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW09 | 1/30/2003 | 0.0 | Thallium | 3.16E-04 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW09 | 4/10/2003 | 0.0 | Thallium | 9.00E-05 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW09 | 08/30/2005 | 0.0 | Thallium | 0.00052 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW09 | 10/29/1996 | 0.0 | Vanadium | 4.71E-03 | F | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 10/29/1996 | 0.0 | Vanadium | 5.41E-03 | | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 2/10/1997 | 0.0 | Vanadium | 1.36E-03 | F | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 2/10/1997 | 0.0 | Vanadium | 1.88E-03 | | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 10/23/1998 | 0.0 | Vanadium | 1.40E-02 | J | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 1/27/2000 | 0.0 | Vanadium | 2.40E-04 | FJ | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 1/27/2000 | 0.0 | Vanadium | 1.68E-02 | | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 1/19/2001 | 0.0 | Vanadium | 9.48E-02 | | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 2/20/2002 | 0.0 | Vanadium | 2.48E-04 | FJ | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 2/20/2002 | 0.0 | Vanadium | 6.60E-04 | J | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 10/23/2002 | 0.0 | Vanadium | 2.74E-04 | FJ | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 10/23/2002 | 0.0 | Vanadium | 4.94E-04 | J | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 1/30/2003 | 0.0 | Vanadium | 9.42E-02 | | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 08/30/2005 | 0.0 | Vanadium | 0.00438 | JF | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 08/30/2005 | 0.0 | Vanadium | 0.122 | | NS | NS | 1.83E-01 | MSC | |
| KMW09 | 10/29/1996 | 0.0 | Zinc | 3.36E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW09 | 10/29/1996 | 0.0 | Zinc | 3.27E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KMW09 | 2/10/1997 | 0.0 | Zinc | 4.85E-03 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 10/23/1998 | 0.0 | Zinc | 4.29E-02 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 1/26/1999 | 0.0 | Zinc | 2.05E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 1/27/2000 | 0.0 | Zinc | 9.80E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 4/17/2000 | 0.0 | Zinc | 4.09E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 7/27/2000 | 0.0 | Zinc | 1.05E-02 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 7/27/2000 | 0.0 | Zinc | 3.33E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 1/19/2001 | 0.0 | Zinc | 2.73E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 1/19/2001 | 0.0 | Zinc | 4.02E-01 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 2/20/2002 | 0.0 | Zinc | 3.14E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 2/20/2002 | 0.0 | Zinc | 4.75E-03 | J | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 4/30/2002 | 0.0 | Zinc | 5.70E-03 | F | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 4/30/2002 | 0.0 | Zinc | 5.20E-03 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 10/23/2002 | 0.0 | Zinc | 5.29E-03 | F | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 10/23/2002 | 0.0 | Zinc | 6.11E-03 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 1/30/2003 | 0.0 | Zinc | 2.53E-03 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 1/30/2003 | 0.0 | Zinc | 1.13E-01 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 08/30/2005 | 0.0 | Zinc | 0.005 | JF | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW09 | 08/30/2005 | 0.0 | Zinc | 0.148 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Aluminum | 1.28E+00 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| **KMW10** | **2/11/1997** | **0.0** | **Aluminum** | **1.40E+01** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW10** | **10/21/1998** | **0.0** | **Aluminum** | **1.26E+01** | **J** | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW10** | **1/25/1999** | **0.0** | **Aluminum** | **6.46E+00** | | **5.00E+00** | **NS** | | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW10** | **10/21/1998** | **0.0** | **Ammonia nitrogen** | **1.04E+00** | **J** | **NS** | **NS** | | **2.09E-01** | **MSC** | **YES** |
| **KMW10** | **1/25/1999** | **0.0** | **Ammonia nitrogen** | **5.71E-01** | | **NS** | **NS** | | **2.09E-01** | **MSC** | **YES** |
| KMW10 | 1/25/1999 | 0.0 | Antimony | 1.56E-03 | J | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| KMW10 | 10/29/1996 | 0.0 | Arsenic | 1.02E-03 | | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| KMW10 | 10/21/1998 | 0.0 | Arsenic | 2.51E-03 | F | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| KMW10 | 10/21/1998 | 0.0 | Arsenic | 3.43E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| KMW10 | 1/25/1999 | 0.0 | Arsenic | 2.54E-03 | FJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| KMW10 | 1/25/1999 | 0.0 | Arsenic | 2.43E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| KMW10 | 10/29/1996 | 0.0 | Barium | 5.36E-02 | F | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Barium | 6.60E-02 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW10 | 2/11/1997 | 0.0 | Barium | 4.16E-02 | F | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW10 | 2/11/1997 | 0.0 | Barium | 1.52E-01 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW10 | 10/21/1998 | 0.0 | Barium | 2.11E-02 | FJ | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW10 | 10/21/1998 | 0.0 | Barium | 1.15E-01 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW10 | 1/25/1999 | 0.0 | Barium | 2.60E-02 | F | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW10 | 1/25/1999 | 0.0 | Barium | 6.48E-02 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW10 | 10/21/1998 | 0.0 | Beryllium | 2.96E-04 | J | NS | 4.00E-03 | | 7.30E-02 | MCL | |
| KMW10 | 1/25/1999 | 0.0 | Beryllium | 3.63E-04 | J | NS | 4.00E-03 | | 7.30E-02 | MCL | |
| KMW10 | 1/25/1999 | 0.0 | Boron | 7.79E-02 | FJ | 7.50E-01 | NS | | 7.30E+00 | NMWQCC | |
| KMW10 | 1/25/1999 | 0.0 | Boron | 7.77E-02 | J | 7.50E-01 | NS | | 7.30E+00 | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Cadmium | 1.11E-04 | | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| KMW10 | 2/11/1997 | 0.0 | Cadmium | 2.23E-04 | | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| KMW10 | 10/21/1998 | 0.0 | Cadmium | 3.58E-04 | J | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| KMW10 | 1/25/1999 | 0.0 | Cadmium | 1.38E-04 | J | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KMW10 | 10/29/1996 | 0.0 | Calcium | 9.43E+01 | F | NS | NS | | NS | NS | |
| KMW10 | 10/29/1996 | 0.0 | Calcium | 1.01E+02 | | NS | NS | | NS | NS | |
| KMW10 | 2/11/1997 | 0.0 | Calcium | 1.06E+02 | F | NS | NS | | NS | NS | |
| KMW10 | 2/11/1997 | 0.0 | Calcium | 1.21E+02 | | NS | NS | | NS | NS | |
| KMW10 | 10/21/1998 | 0.0 | Calcium | 1.01E+02 | FJ | NS | NS | | NS | NS | |
| KMW10 | 10/21/1998 | 0.0 | Calcium | 1.20E+02 | J | NS | NS | | NS | NS | |
| KMW10 | 1/25/1999 | 0.0 | Calcium | 1.08E+02 | F | NS | NS | | NS | NS | |
| KMW10 | 1/25/1999 | 0.0 | Calcium | 1.11E+02 | | NS | NS | | NS | NS | |
| KMW10 | 10/21/1998 | 0.0 | Chloride | 2.13E+01 | | 2.50E+02 | NS | | NS | NMWQCC | |
| KMW10 | 1/25/1999 | 0.0 | Chloride | 2.04E+01 | | 2.50E+02 | NS | | NS | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Chromium | 5.20E-03 | F | 5.00E-02 | 1.00E-01 | | NS | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Chromium | 5.74E-03 | | 5.00E-02 | 1.00E-01 | | NS | NMWQCC | |
| KMW10 | 2/11/1997 | 0.0 | Chromium | 1.38E-03 | F | 5.00E-02 | 1.00E-01 | | NS | NMWQCC | |
| KMW10 | 2/11/1997 | 0.0 | Chromium | 8.84E-03 | | 5.00E-02 | 1.00E-01 | | NS | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Cobalt | 1.16E-03 | | 5.00E-02 | NS | | 7.30E-01 | NMWQCC | |
| KMW10 | 2/11/1997 | 0.0 | Cobalt | 6.53E-03 | | 5.00E-02 | NS | | 7.30E-01 | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Copper | 1.42E-03 | | 1.00E+00 | 1.30E+00 | | 1.36E+00 | NMWQCC | |
| KMW10 | 2/11/1997 | 0.0 | Copper | 1.88E-03 | F | 1.00E+00 | 1.30E+00 | | 1.36E+00 | NMWQCC | |
| KMW10 | 2/11/1997 | 0.0 | Copper | 7.67E-03 | | 1.00E+00 | 1.30E+00 | | 1.36E+00 | NMWQCC | |
| KMW10 | 10/21/1998 | 0.0 | Copper | 8.03E-03 | J | 1.00E+00 | 1.30E+00 | | 1.36E+00 | NMWQCC | |
| KMW10 | 1/25/1999 | 0.0 | Copper | 5.78E-03 | FJ | 1.00E+00 | 1.30E+00 | | 1.36E+00 | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Iron | 8.26E-01 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| **KMW10** | **2/11/1997** | **0.0** | **Iron** | **8.05E+00** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW10** | **10/21/1998** | **0.0** | **Iron** | **8.53E+00** | **J** | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW10** | **1/25/1999** | **0.0** | **Iron** | **2.85E+00** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| KMW10 | 10/29/1996 | 0.0 | Lead | 1.57E-03 | | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW10 | 2/11/1997 | 0.0 | Lead | 8.38E-03 | | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW10 | 10/21/1998 | 0.0 | Lead | 5.24E-03 | J | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW10 | 1/25/1999 | 0.0 | Lead | 1.95E-03 | J | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW10 | 10/29/1996 | 0.0 | Magnesium | 2.35E+01 | F | NS | NS | | NS | NS | |
| KMW10 | 10/29/1996 | 0.0 | Magnesium | 2.44E+01 | J | NS | NS | | NS | NS | |
| KMW10 | 2/11/1997 | 0.0 | Magnesium | 2.53E+01 | F | NS | NS | | NS | NS | |
| KMW10 | 2/11/1997 | 0.0 | Magnesium | 2.83E+01 | | NS | NS | | NS | NS | |
| KMW10 | 10/21/1998 | 0.0 | Magnesium | 2.42E+01 | FJ | NS | NS | | NS | NS | |
| KMW10 | 10/21/1998 | 0.0 | Magnesium | 2.80E+01 | J | NS | NS | | NS | NS | |
| KMW10 | 1/25/1999 | 0.0 | Magnesium | 2.36E+01 | F | NS | NS | | NS | NS | |
| KMW10 | 1/25/1999 | 0.0 | Magnesium | 2.47E+01 | | NS | NS | | NS | NS | |
| KMW10 | 10/29/1996 | 0.0 | Manganese | 1.44E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Manganese | 3.99E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| KMW10 | 2/11/1997 | 0.0 | Manganese | 3.18E-03 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| KMW10 | 1/25/1999 | 0.0 | Manganese | 9.26E-02 | F | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| KMW10 | 1/25/1999 | 0.0 | Manganese | 7.04E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| **KMW10** | **2/11/1997** | **0.0** | **Manganese** | **2.30E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW10** | **10/21/1998** | **0.0** | **Manganese** | **2.29E-01** | **J** | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| KMW10 | 1/25/1999 | 0.0 | Molybdenum | 1.41E-02 | FJ | 1.00E+00 | NS | | 1.83E-01 | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Nickel | 3.77E-03 | F | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Nickel | 5.41E-03 | | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW10 | 2/11/1997 | 0.0 | Nickel | 5.51E-03 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW10 | 2/11/1997 | 0.0 | Nickel | 1.27E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW10 | 10/21/1998 | 0.0 | Nitrate | 8.04E+00 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW10 | 1/25/1999 | 0.0 | Nitrate | 7.32E+00 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW10 | 10/21/1998 | 0.0 | Nitrite | 1.38E-02 | | NS | 1.00E+00 | 1.00E+00 | MCL | |
| KMW10 | 2/11/1997 | 0.0 | Phosphorus | 2.46E-01 | | NS | NS | NS | NS | |
| KMW10 | 10/29/1996 | 0.0 | Potassium | 8.10E+00 | F | NS | NS | NS | NS | |
| KMW10 | 10/29/1996 | 0.0 | Potassium | 8.56E+00 | | NS | NS | NS | NS | |
| KMW10 | 2/11/1997 | 0.0 | Potassium | 3.56E+00 | F | NS | NS | NS | NS | |
| KMW10 | 2/11/1997 | 0.0 | Potassium | 6.74E+00 | | NS | NS | NS | NS | |
| KMW10 | 10/21/1998 | 0.0 | Potassium | 2.57E+00 | FJ | NS | NS | NS | NS | |
| KMW10 | 10/21/1998 | 0.0 | Potassium | 5.07E+00 | J | NS | NS | NS | NS | |
| KMW10 | 1/25/1999 | 0.0 | Potassium | 3.16E+00 | F | NS | NS | NS | NS | |
| KMW10 | 1/25/1999 | 0.0 | Potassium | 4.73E+00 | | NS | NS | NS | NS | |
| KMW10 | 10/29/1996 | 0.0 | Selenium | 2.19E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW10 | 10/29/1996 | 0.0 | Selenium | 2.21E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW10 | 2/11/1997 | 0.0 | Selenium | 2.06E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW10 | 2/11/1997 | 0.0 | Selenium | 2.02E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW10 | 10/21/1998 | 0.0 | Selenium | 2.44E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW10 | 10/21/1998 | 0.0 | Selenium | 2.38E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW10 | 1/25/1999 | 0.0 | Selenium | 2.08E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW10 | 1/25/1999 | 0.0 | Selenium | 1.76E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW10 | 10/21/1998 | 0.0 | Silver | 1.05E-03 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| KMW10 | 1/25/1999 | 0.0 | Silver | 1.35E-03 | J | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Sodium | 4.17E+01 | F | NS | NS | NS | NS | |
| KMW10 | 10/29/1996 | 0.0 | Sodium | 4.28E+01 | | NS | NS | NS | NS | |
| KMW10 | 2/11/1997 | 0.0 | Sodium | 4.23E+01 | F | NS | NS | NS | NS | |
| KMW10 | 2/11/1997 | 0.0 | Sodium | 3.98E+01 | | NS | NS | NS | NS | |
| KMW10 | 10/21/1998 | 0.0 | Sodium | 3.89E+01 | F | NS | NS | NS | NS | |
| KMW10 | 10/21/1998 | 0.0 | Sodium | 3.80E+01 | | NS | NS | NS | NS | |
| KMW10 | 1/25/1999 | 0.0 | Sodium | 4.10E+01 | F | NS | NS | NS | NS | |
| KMW10 | 1/25/1999 | 0.0 | Sodium | 3.81E+01 | | NS | NS | NS | NS | |
| KMW10 | 10/21/1998 | 0.0 | Sulfate | 2.28E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| KMW10 | 1/25/1999 | 0.0 | Sulfate | 1.82E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Vanadium | 2.05E-03 | F | NS | NS | 1.83E-01 | MSC | |
| KMW10 | 10/29/1996 | 0.0 | Vanadium | 3.59E-03 | | NS | NS | 1.83E-01 | MSC | |
| KMW10 | 2/11/1997 | 0.0 | Vanadium | 2.67E-03 | F | NS | NS | 1.83E-01 | MSC | |
| KMW10 | 2/11/1997 | 0.0 | Vanadium | 1.52E-02 | | NS | NS | 1.83E-01 | MSC | |
| KMW10 | 10/21/1998 | 0.0 | Vanadium | 2.33E-02 | J | NS | NS | 1.83E-01 | MSC | |
| KMW10 | 1/25/1999 | 0.0 | Vanadium | 1.09E-02 | FJ | NS | NS | 1.83E-01 | MSC | |
| KMW10 | 1/25/1999 | 0.0 | Vanadium | 1.28E-02 | J | NS | NS | 1.83E-01 | MSC | |
| KMW10 | 10/29/1996 | 0.0 | Zinc | 5.58E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW10 | 10/29/1996 | 0.0 | Zinc | 7.66E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW10 | 2/11/1997 | 0.0 | Zinc | 4.47E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW10 | 10/21/1998 | 0.0 | Zinc | 5.32E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW10 | 1/25/1999 | 0.0 | Zinc | 2.82E-02 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW10 | 1/25/1999 | 0.0 | Zinc | 2.15E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW11 | 2/11/1997 | 0.0 | Aluminum | 5.11E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Aluminum | 5.86E-01 | DFJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Aluminum | 9.46E-01 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW11 | 1/27/1999 | 0.0 | Aluminum | 8.10E-02 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW11 | 1/27/1999 | 0.0 | Aluminum | 1.61E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **KMW11** | **10/24/1996** | **0.0** | **Aluminum** | **7.91E+00** | **F** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW11** | **10/24/1996** | **0.0** | **Aluminum** | **6.19E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW11** | **2/11/1997** | **0.0** | **Aluminum** | **2.98E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Aluminum** | **3.28E+01** | **DJ** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Aluminum** | **2.37E+01** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| KMW11 | 10/24/1998 | 0.0 | Ammonia nitrogen | 1.46E-01 | D | NS | NS | 2.09E-01 | MSC | |
| KMW11 | 10/24/1998 | 0.0 | Ammonia nitrogen | 3.93E-02 | DF | NS | NS | 2.09E-01 | MSC | |
| KMW11 | 1/27/1999 | 0.0 | Antimony | 9.79E-04 | J | NS | 6.00E-03 | 1.46E-02 | MCL | |
| **KMW11** | **10/24/1996** | **0.0** | **Arsenic** | **1.25E-02** | **F** | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| **KMW11** | **10/24/1996** | **0.0** | **Arsenic** | **1.27E-02** | | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| **KMW11** | **2/11/1997** | **0.0** | **Arsenic** | **2.01E-02** | **F** | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| **KMW11** | **2/11/1997** | **0.0** | **Arsenic** | **1.98E-02** | | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Arsenic** | **2.05E-02** | **DFJ** | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Arsenic** | **1.94E-02** | **DJ** | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Arsenic** | **2.07E-02** | **FJ** | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Arsenic** | **1.92E-02** | **J** | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| **KMW11** | **1/27/1999** | **0.0** | **Arsenic** | **1.72E-02** | **F** | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| **KMW11** | **1/27/1999** | **0.0** | **Arsenic** | **1.67E-02** | | **1.00E-01** | **1.00E-02** | **4.48E-05** | **MCL** | **YES** |
| KMW11 | 10/24/1996 | 0.0 | Barium | 6.23E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW11 | 10/24/1996 | 0.0 | Barium | 3.20E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW11 | 2/11/1997 | 0.0 | Barium | 2.73E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW11 | 2/11/1997 | 0.0 | Barium | 1.23E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Barium | 7.14E-02 | DFJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Barium | 3.57E-01 | DJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Barium | 9.54E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Barium | 2.64E-01 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW11 | 1/27/1999 | 0.0 | Barium | 1.05E-01 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW11 | 1/27/1999 | 0.0 | Barium | 3.87E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW11 | 10/24/1996 | 0.0 | Beryllium | 4.71E-04 | | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW11 | 10/24/1998 | 0.0 | Beryllium | 5.10E-04 | DJ | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW11 | 10/24/1998 | 0.0 | Beryllium | 3.29E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| **KMW11** | **1/27/1999** | **0.0** | **Boron** | **1.50E+00** | **F** | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| **KMW11** | **1/27/1999** | **0.0** | **Boron** | **1.49E+00** | | **7.50E-01** | **NS** | **7.30E+00** | **NMWQCC** | **YES** |
| KMW11 | 10/24/1998 | 0.0 | Cadmium | 1.48E-04 | DJ | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| KMW11 | 10/24/1996 | 0.0 | Calcium | 6.55E+00 | F | NS | NS | NS | NS | |
| KMW11 | 10/24/1996 | 0.0 | Calcium | 4.60E+01 | | NS | NS | NS | NS | |
| KMW11 | 2/11/1997 | 0.0 | Calcium | 4.90E+00 | F | NS | NS | NS | NS | |
| KMW11 | 2/11/1997 | 0.0 | Calcium | 1.92E+01 | | NS | NS | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Calcium | 3.25E+00 | DFJ | NS | NS | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Calcium | 5.03E+01 | DJ | NS | NS | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Calcium | 3.66E+00 | FJ | NS | NS | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Calcium | 3.43E+01 | J | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW11 | 1/27/1999 | 0.0 | Calcium | 3.12E+00 | F | NS | NS | NS | NS | |
| KMW11 | 1/27/1999 | 0.0 | Calcium | 4.07E+00 | | NS | NS | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Chloride | 1.33E+01 | D | 2.50E+02 | NS | NS | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Chloride | 1.35E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| KMW11 | 1/27/1999 | 0.0 | Chloride | 1.18E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| KMW11 | 10/24/1996 | 0.0 | Chromium | 6.50E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW11 | 10/24/1996 | 0.0 | Chromium | 1.00E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW11 | 2/11/1997 | 0.0 | Chromium | 1.36E-03 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW11 | 2/11/1997 | 0.0 | Chromium | 5.07E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Chromium | 2.36E-02 | D | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Chromium | 1.64E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW11 | 10/24/1996 | 0.0 | Cobalt | 3.41E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW11 | 10/24/1996 | 0.0 | Copper | 5.70E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW11 | 10/24/1996 | 0.0 | Copper | 1.10E-02 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW11 | 2/11/1997 | 0.0 | Copper | 1.01E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Copper | 7.30E-03 | D | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Copper | 5.04E-03 | F | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW11 | 1/27/1999 | 0.0 | Copper | 3.00E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW11 | 2/11/1997 | 0.0 | Iron | 2.28E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Iron | 2.54E-01 | DFJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Iron | 4.43E-01 | FJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW11 | 1/27/1999 | 0.0 | Iron | 3.61E-02 | FJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW11 | 1/27/1999 | 0.0 | Iron | 8.67E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **KMW11** | **10/24/1996** | **0.0** | **Iron** | **4.47E+00** | **FJ** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW11** | **10/24/1996** | **0.0** | **Iron** | **3.63E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW11** | **2/11/1997** | **0.0** | **Iron** | **1.79E+01** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Iron** | **2.06E+01** | **DJ** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Iron** | **1.36E+01** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| KMW11 | 10/24/1996 | 0.0 | Lead | 1.50E-03 | F | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW11 | 10/24/1996 | 0.0 | Lead | 7.29E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW11 | 2/11/1997 | 0.0 | Lead | 3.02E-03 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW11 | 10/24/1998 | 0.0 | Lead | 6.04E-03 | DJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW11 | 10/24/1998 | 0.0 | Lead | 4.67E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW11 | 1/27/1999 | 0.0 | Lead | 5.85E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW11 | 10/24/1996 | 0.0 | Magnesium | 4.39E+00 | F | NS | NS | NS | NS | |
| KMW11 | 10/24/1996 | 0.0 | Magnesium | 2.15E+01 | | NS | NS | NS | NS | |
| KMW11 | 2/11/1997 | 0.0 | Magnesium | 1.97E+00 | F | NS | NS | NS | NS | |
| KMW11 | 2/11/1997 | 0.0 | Magnesium | 1.09E+01 | | NS | NS | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Magnesium | 1.65E+00 | DFJ | NS | NS | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Magnesium | 1.29E+01 | DJ | NS | NS | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Magnesium | 1.79E+00 | FJ | NS | NS | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Magnesium | 1.00E+01 | J | NS | NS | NS | NS | |
| KMW11 | 1/27/1999 | 0.0 | Magnesium | 1.28E+00 | F | NS | NS | NS | NS | |
| KMW11 | 1/27/1999 | 0.0 | Magnesium | 1.62E+00 | | NS | NS | NS | NS | |
| KMW11 | 10/24/1996 | 0.0 | Manganese | 1.23E-02 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW11 | 2/11/1997 | 0.0 | Manganese | 9.30E-04 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW11 | 2/11/1997 | 0.0 | Manganese | 1.15E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | USEPA Region VI (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KMW11 | 1/27/1999 | 0.0 | Manganese | 1.88E-02 | | 2.00E-01 | NS | | 1.70E+00 | NMWQCC | |
| **KMW11** | **10/24/1996** | **0.0** | **Manganese** | **2.90E-01** | | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Manganese** | **5.72E-01** | **DJ** | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Manganese** | **3.66E-01** | **J** | **2.00E-01** | **NS** | | **1.70E+00** | **NMWQCC** | **YES** |
| KMW11 | 1/27/1999 | 0.0 | Molybdenum | 2.80E-02 | J | 1.00E+00 | NS | | 1.83E-01 | NMWQCC | |
| KMW11 | 10/24/1996 | 0.0 | Nickel | 2.44E-03 | F | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW11 | 10/24/1996 | 0.0 | Nickel | 1.25E-02 | | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW11 | 2/11/1997 | 0.0 | Nickel | 4.21E-03 | | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Nickel | 2.83E-02 | D | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Nickel | 1.90E-02 | | 2.00E-01 | NS | | 7.30E-01 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Nitrate | 4.88E-01 | DJ | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW11 | 10/24/1998 | 0.0 | Nitrate | 4.98E-01 | J | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW11 | 1/27/1999 | 0.0 | Nitrate | 4.55E-01 | | 1.00E+01 | 1.00E+01 | | 1.00E+01 | MCL | |
| KMW11 | 2/11/1997 | 0.0 | Phosphorus | 5.30E-01 | | NS | NS | | NS | NS | |
| KMW11 | 10/24/1996 | 0.0 | Potassium | 2.99E+00 | F | NS | NS | | NS | NS | |
| KMW11 | 10/24/1996 | 0.0 | Potassium | 1.51E+01 | | NS | NS | | NS | NS | |
| KMW11 | 2/11/1997 | 0.0 | Potassium | 1.25E+00 | F | NS | NS | | NS | NS | |
| KMW11 | 2/11/1997 | 0.0 | Potassium | 7.30E+00 | | NS | NS | | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Potassium | 1.04E+00 | DFJ | NS | NS | | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Potassium | 7.72E+00 | DJ | NS | NS | | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Potassium | 1.33E+00 | FJ | NS | NS | | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Potassium | 5.83E+00 | J | NS | NS | | NS | NS | |
| KMW11 | 1/27/1999 | 0.0 | Potassium | 7.97E-01 | FJ | NS | NS | | NS | NS | |
| KMW11 | 2/11/1997 | 0.0 | RDX | 9.23E-05 | J | NS | NS | | 6.11E-04 | MSC | |
| KMW11 | 10/24/1996 | 0.0 | Selenium | 4.95E-03 | F | 5.00E-02 | 5.00E-02 | | 1.83E-01 | MCL | |
| KMW11 | 10/24/1996 | 0.0 | Selenium | 5.37E-03 | | 5.00E-02 | 5.00E-02 | | 1.83E-01 | MCL | |
| KMW11 | 2/11/1997 | 0.0 | Selenium | 2.95E-03 | F | 5.00E-02 | 5.00E-02 | | 1.83E-01 | MCL | |
| KMW11 | 2/11/1997 | 0.0 | Selenium | 4.30E-03 | | 5.00E-02 | 5.00E-02 | | 1.83E-01 | MCL | |
| KMW11 | 10/24/1998 | 0.0 | Selenium | 5.99E-03 | D | 5.00E-02 | 5.00E-02 | | 1.83E-01 | MCL | |
| KMW11 | 10/24/1998 | 0.0 | Selenium | 5.86E-03 | DF | 5.00E-02 | 5.00E-02 | | 1.83E-01 | MCL | |
| KMW11 | 10/24/1998 | 0.0 | Selenium | 6.81E-03 | F | 5.00E-02 | 5.00E-02 | | 1.83E-01 | MCL | |
| KMW11 | 10/24/1998 | 0.0 | Selenium | 6.05E-03 | | 5.00E-02 | 5.00E-02 | | 1.83E-01 | MCL | |
| KMW11 | 1/27/1999 | 0.0 | Selenium | 3.67E-03 | FJ | 5.00E-02 | 5.00E-02 | | 1.83E-01 | MCL | |
| KMW11 | 1/27/1999 | 0.0 | Selenium | 4.24E-03 | J | 5.00E-02 | 5.00E-02 | | 1.83E-01 | MCL | |
| KMW11 | 10/24/1998 | 0.0 | Silver | 2.72E-04 | D | 5.00E-02 | NS | | 1.83E-01 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Silver | 2.22E-04 | | 5.00E-02 | NS | | 1.83E-01 | NMWQCC | |
| KMW11 | 10/24/1996 | 0.0 | Sodium | 2.24E+02 | F | NS | NS | | NS | NS | |
| KMW11 | 10/24/1996 | 0.0 | Sodium | 2.53E+02 | | NS | NS | | NS | NS | |
| KMW11 | 2/11/1997 | 0.0 | Sodium | 2.31E+02 | F | NS | NS | | NS | NS | |
| KMW11 | 2/11/1997 | 0.0 | Sodium | 2.40E+02 | | NS | NS | | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Sodium | 2.56E+02 | D | NS | NS | | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Sodium | 2.55E+02 | DF | NS | NS | | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Sodium | 2.55E+02 | F | NS | NS | | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Sodium | 2.62E+02 | | NS | NS | | NS | NS | |
| KMW11 | 1/27/1999 | 0.0 | Sodium | 2.34E+02 | F | NS | NS | | NS | NS | |
| KMW11 | 1/27/1999 | 0.0 | Sodium | 2.36E+02 | | NS | NS | | NS | NS | |
| KMW11 | 10/24/1998 | 0.0 | Sulfate | 1.67E+02 | D | 6.00E+02 | NS | | NS | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW11 | 10/24/1998 | 0.0 | Sulfate | 1.68E+02 | | 6.00E+02 | NS | NS | NMWQCC | |
| KMW11 | 1/27/1999 | 0.0 | Sulfate | 1.49E+02 | J | 6.00E+02 | NS | NS | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Thallium | 1.28E-04 | D | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW11 | 10/24/1998 | 0.0 | Thallium | 1.19E-04 | | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW11 | 10/24/1996 | 0.0 | Vanadium | 1.68E-01 | F | NS | NS | 1.83E-01 | MSC | |
| **KMW11** | **10/24/1996** | **0.0** | **Vanadium** | **2.20E-01** | | **NS** | **NS** | **1.83E-01** | **MSC** | **YES** |
| **KMW11** | **2/11/1997** | **0.0** | **Vanadium** | **2.00E-01** | **F** | **NS** | **NS** | **1.83E-01** | **MSC** | **YES** |
| **KMW11** | **2/11/1997** | **0.0** | **Vanadium** | **2.30E-01** | | **NS** | **NS** | **1.83E-01** | **MSC** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Vanadium** | **2.60E-01** | **D** | **NS** | **NS** | **1.83E-01** | **MSC** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Vanadium** | **1.99E-01** | **DF** | **NS** | **NS** | **1.83E-01** | **MSC** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Vanadium** | **1.98E-01** | **F** | **NS** | **NS** | **1.83E-01** | **MSC** | **YES** |
| **KMW11** | **10/24/1998** | **0.0** | **Vanadium** | **2.42E-01** | | **NS** | **NS** | **1.83E-01** | **MSC** | **YES** |
| **KMW11** | **1/27/1999** | **0.0** | **Vanadium** | **1.91E-01** | **F** | **NS** | **NS** | **1.83E-01** | **MSC** | **YES** |
| **KMW11** | **1/27/1999** | **0.0** | **Vanadium** | **1.98E-01** | | **NS** | **NS** | **1.83E-01** | **MSC** | **YES** |
| KMW11 | 10/24/1996 | 0.0 | Zinc | 8.37E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW11 | 10/24/1996 | 0.0 | Zinc | 1.65E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Zinc | 4.00E-02 | DJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW11 | 10/24/1998 | 0.0 | Zinc | 1.07E-01 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW11 | 1/27/1999 | 0.0 | Zinc | 1.00E-02 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW11 | 1/27/1999 | 0.0 | Zinc | 7.66E-03 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 10/27/1998 | 0.0 | Aluminum | 5.59E-02 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 1/27/2000 | 0.0 | Aluminum | 9.37E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 4/18/2000 | 0.0 | Aluminum | 2.76E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 7/28/2000 | 0.0 | Aluminum | 2.96E-01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 10/19/2000 | 0.0 | Aluminum | 8.17E-02 | FJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 4/27/2001 | 0.0 | Aluminum | 1.08E-01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 7/25/2001 | 0.0 | Aluminum | 7.17E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 10/10/2001 | 0.0 | Aluminum | 8.53E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 2/19/2002 | 0.0 | Aluminum | 6.58E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 5/1/2002 | 0.0 | Aluminum | 1.25E-01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 7/15/2002 | 0.0 | Aluminum | 2.90E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 10/22/2002 | 0.0 | Aluminum | 4.17E-01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 1/30/2003 | 0.0 | Aluminum | 4.92E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 4/10/2003 | 0.0 | Aluminum | 1.70E-01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| KMW12 | 08/30/2005 | 0.0 | Aluminum | 4.69 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | |
| **KMW12** | **10/26/1998** | **0.0** | **Aluminum** | **1.21E+01** | **J** | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW12** | **1/26/1999** | **0.0** | **Aluminum** | **2.20E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW12** | **4/18/2000** | **0.0** | **Aluminum** | **9.03E+00** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW12** | **7/28/2000** | **0.0** | **Aluminum** | **1.07E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW12** | **10/19/2000** | **0.0** | **Aluminum** | **4.52E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW12** | **1/19/2001** | **0.0** | **Aluminum** | **2.23E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW12** | **1/30/2003** | **0.0** | **Aluminum** | **3.60E+01** | | **5.00E+00** | **NS** | **3.65E+01** | **NMWQCC** | **YES** |
| **KMW12** | **10/26/1998** | **0.0** | **Ammonia nitrogen** | **5.30E-01** | **J** | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| **KMW12** | **10/27/1998** | **0.0** | **Ammonia nitrogen** | **4.53E-01** | **FJ** | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| **KMW12** | **1/26/1999** | **0.0** | **Ammonia nitrogen** | **5.47E-01** | **F** | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| **KMW12** | **1/26/1999** | **0.0** | **Ammonia nitrogen** | **5.45E-01** | | **NS** | **NS** | **2.09E-01** | **MSC** | **YES** |
| KMW12 | 10/26/1998 | 0.0 | Antimony | 1.04E-03 | | NS | 6.00E-03 | 1.46E-02 | MCL | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW12 | 10/27/1998 | 0.0 | Antimony | 6.70E-04 | F | NS | 6.00E-03 | 1.46E-02 | MCL | |
| KMW12 | 1/26/1999 | 0.0 | Antimony | 2.16E-03 | FJ | NS | 6.00E-03 | 1.46E-02 | MCL | |
| KMW12 | 1/26/1999 | 0.0 | Antimony | 2.09E-03 | J | NS | 6.00E-03 | 1.46E-02 | MCL | |
| KMW12 | 10/26/1998 | 0.0 | Arsenic | 1.89E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 1/26/1999 | 0.0 | Arsenic | 1.16E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 1/27/2000 | 0.0 | Arsenic | 5.25E-04 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 4/18/2000 | 0.0 | Arsenic | 4.80E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 7/28/2000 | 0.0 | Arsenic | 6.50E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 10/19/2000 | 0.0 | Arsenic | 2.60E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 1/19/2001 | 0.0 | Arsenic | 2.64E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 4/27/2001 | 0.0 | Arsenic | 1.00E-03 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 4/27/2001 | 0.0 | Arsenic | 2.00E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 7/15/2002 | 0.0 | Arsenic | 7.62E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 7/15/2002 | 0.0 | Arsenic | 1.04E-03 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 10/22/2002 | 0.0 | Arsenic | 6.54E-04 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 10/22/2002 | 0.0 | Arsenic | 5.04E-04 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 1/30/2003 | 0.0 | Arsenic | 4.35E-03 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | |
| KMW12 | 10/26/1998 | 0.0 | Barium | 7.43E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 10/27/1998 | 0.0 | Barium | 4.44E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 1/26/1999 | 0.0 | Barium | 2.25E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 1/26/1999 | 0.0 | Barium | 9.44E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 1/27/2000 | 0.0 | Barium | 2.45E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 1/27/2000 | 0.0 | Barium | 2.44E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 4/18/2000 | 0.0 | Barium | 1.60E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 4/18/2000 | 0.0 | Barium | 6.88E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 7/28/2000 | 0.0 | Barium | 6.07E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 10/19/2000 | 0.0 | Barium | 1.71E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 10/19/2000 | 0.0 | Barium | 1.64E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 1/19/2001 | 0.0 | Barium | 2.01E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 1/19/2001 | 0.0 | Barium | 8.32E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 4/27/2001 | 0.0 | Barium | 1.66E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 4/27/2001 | 0.0 | Barium | 1.81E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 7/25/2001 | 0.0 | Barium | 1.72E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 7/25/2001 | 0.0 | Barium | 1.94E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 10/10/2001 | 0.0 | Barium | 1.76E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 10/10/2001 | 0.0 | Barium | 1.92E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 2/19/2002 | 0.0 | Barium | 1.75E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 2/19/2002 | 0.0 | Barium | 1.93E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 5/1/2002 | 0.0 | Barium | 1.78E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 5/1/2002 | 0.0 | Barium | 1.82E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 7/15/2002 | 0.0 | Barium | 1.99E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 7/15/2002 | 0.0 | Barium | 2.12E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 10/22/2002 | 0.0 | Barium | 2.16E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 10/22/2002 | 0.0 | Barium | 2.25E-02 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 1/30/2003 | 0.0 | Barium | 3.21E-02 | F | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 1/30/2003 | 0.0 | Barium | 1.33E-01 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 4/10/2003 | 0.0 | Barium | 1.19E-02 | FJ | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW12 | 4/10/2003 | 0.0 | Barium | 1.56E-02 | J | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 08/30/2005 | 0.0 | Barium | 0.0141 | JF | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 08/30/2005 | 0.0 | Barium | 0.0297 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | |
| KMW12 | 10/26/1998 | 0.0 | Beryllium | 3.45E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW12 | 1/26/1999 | 0.0 | Beryllium | 3.85E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW12 | 10/19/2000 | 0.0 | Beryllium | 1.49E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW12 | 1/19/2001 | 0.0 | Beryllium | 1.03E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW12 | 1/30/2003 | 0.0 | Beryllium | 1.22E-03 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW12 | 4/10/2003 | 0.0 | Beryllium | 2.94E-04 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW12 | 08/30/2005 | 0.0 | Beryllium | 0.000392 | J | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW12 | 08/30/2005 | 0.0 | Beryllium | 0.000308 | JF | NS | 4.00E-03 | 7.30E-02 | MCL | |
| KMW12 | 1/26/1999 | 0.0 | Boron | 3.86E-01 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| KMW12 | 1/26/1999 | 0.0 | Boron | 4.04E-01 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | |
| KMW12 | 10/26/1998 | 0.0 | Cadmium | 1.53E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| KMW12 | 4/27/2001 | 0.0 | Cadmium | 7.60E-05 | FJ | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| KMW12 | 4/27/2001 | 0.0 | Cadmium | 1.10E-04 | J | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| KMW12 | 4/10/2003 | 0.0 | Cadmium | 1.12E-04 | FJ | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | |
| KMW12 | 10/26/1998 | 0.0 | Calcium | 1.90E+02 | J | NS | NS | NS | NS | |
| KMW12 | 10/27/1998 | 0.0 | Calcium | 1.69E+02 | FJ | NS | NS | NS | NS | |
| KMW12 | 1/26/1999 | 0.0 | Calcium | 1.92E+02 | F | NS | NS | NS | NS | |
| KMW12 | 1/26/1999 | 0.0 | Calcium | 1.92E+02 | | NS | NS | NS | NS | |
| KMW12 | 1/27/2000 | 0.0 | Calcium | 2.36E+02 | F | NS | NS | NS | NS | |
| KMW12 | 1/27/2000 | 0.0 | Calcium | 2.22E+02 | | NS | NS | NS | NS | |
| KMW12 | 4/18/2000 | 0.0 | Calcium | 2.23E+02 | F | NS | NS | NS | NS | |
| KMW12 | 4/18/2000 | 0.0 | Calcium | 2.20E+02 | | NS | NS | NS | NS | |
| KMW12 | 7/28/2000 | 0.0 | Calcium | 2.10E+02 | F | NS | NS | NS | NS | |
| KMW12 | 7/28/2000 | 0.0 | Calcium | 1.97E+02 | | NS | NS | NS | NS | |
| KMW12 | 10/19/2000 | 0.0 | Calcium | 2.65E+02 | F | NS | NS | NS | NS | |
| KMW12 | 10/19/2000 | 0.0 | Calcium | 2.59E+02 | | NS | NS | NS | NS | |
| KMW12 | 1/19/2001 | 0.0 | Calcium | 2.36E+02 | F | NS | NS | NS | NS | |
| KMW12 | 1/19/2001 | 0.0 | Calcium | 2.35E+02 | | NS | NS | NS | NS | |
| KMW12 | 4/27/2001 | 0.0 | Calcium | 2.71E+02 | F | NS | NS | NS | NS | |
| KMW12 | 4/27/2001 | 0.0 | Calcium | 2.77E+02 | | NS | NS | NS | NS | |
| KMW12 | 7/25/2001 | 0.0 | Calcium | 2.57E+02 | F | NS | NS | NS | NS | |
| KMW12 | 7/25/2001 | 0.0 | Calcium | 2.53E+02 | | NS | NS | NS | NS | |
| KMW12 | 10/10/2001 | 0.0 | Calcium | 2.63E+02 | F | NS | NS | NS | NS | |
| KMW12 | 10/10/2001 | 0.0 | Calcium | 2.68E+02 | | NS | NS | NS | NS | |
| KMW12 | 2/19/2002 | 0.0 | Calcium | 2.53E+02 | F | NS | NS | NS | NS | |
| KMW12 | 2/19/2002 | 0.0 | Calcium | 2.48E+02 | | NS | NS | NS | NS | |
| KMW12 | 5/1/2002 | 0.0 | Calcium | 2.59E+02 | F | NS | NS | NS | NS | |
| KMW12 | 5/1/2002 | 0.0 | Calcium | 2.61E+02 | | NS | NS | NS | NS | |
| KMW12 | 7/15/2002 | 0.0 | Calcium | 2.53E+02 | F | NS | NS | NS | NS | |
| KMW12 | 7/15/2002 | 0.0 | Calcium | 2.59E+02 | | NS | NS | NS | NS | |
| KMW12 | 10/22/2002 | 0.0 | Calcium | 2.65E+02 | F | NS | NS | NS | NS | |
| KMW12 | 10/22/2002 | 0.0 | Calcium | 2.63E+02 | | NS | NS | NS | NS | |
| KMW12 | 1/30/2003 | 0.0 | Calcium | 2.30E+02 | F | NS | NS | NS | NS | |
| KMW12 | 1/30/2003 | 0.0 | Calcium | 2.32E+02 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW12 | 4/10/2003 | 0.0 | Calcium | 1.72E+02 | F | NS | NS | NS | NS | |
| KMW12 | 4/10/2003 | 0.0 | Calcium | 1.58E+02 | | NS | NS | NS | NS | |
| KMW12 | 08/30/2005 | 0.0 | Calcium | 237 | F | NS | NS | NS | NS | |
| KMW12 | 08/30/2005 | 0.0 | Calcium | 243 | | NS | NS | NS | NS | |
| KMW12 | 10/27/1998 | 0.0 | Chloride | 4.57E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| KMW12 | 1/26/1999 | 0.0 | Chloride | 4.37E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| KMW12 | 10/26/1998 | 0.0 | Chromium | 1.08E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW12 | 4/18/2000 | 0.0 | Chromium | 1.05E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW12 | 7/28/2000 | 0.0 | Chromium | 1.05E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW12 | 10/19/2000 | 0.0 | Chromium | 5.58E-04 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW12 | 10/19/2000 | 0.0 | Chromium | 6.87E-03 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW12 | 1/19/2001 | 0.0 | Chromium | 3.31E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW12 | 2/19/2002 | 0.0 | Chromium | 3.74E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW12 | 10/22/2002 | 0.0 | Chromium | 5.38E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW12 | 1/30/2003 | 0.0 | Chromium | 2.84E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW12 | 4/10/2003 | 0.0 | Chromium | 2.80E-03 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW12 | 08/30/2005 | 0.0 | Chromium | 0.00839 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW12 | 1/26/1999 | 0.0 | Cobalt | 1.44E-02 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 1/26/1999 | 0.0 | Cobalt | 7.22E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 1/27/2000 | 0.0 | Cobalt | 4.89E-03 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 1/27/2000 | 0.0 | Cobalt | 6.17E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 10/19/2000 | 0.0 | Cobalt | 4.07E-03 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 10/19/2000 | 0.0 | Cobalt | 5.61E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 1/19/2001 | 0.0 | Cobalt | 2.21E-03 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 1/19/2001 | 0.0 | Cobalt | 3.83E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 4/27/2001 | 0.0 | Cobalt | 3.30E-03 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 4/27/2001 | 0.0 | Cobalt | 4.60E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 7/25/2001 | 0.0 | Cobalt | 4.26E-03 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 7/25/2001 | 0.0 | Cobalt | 4.12E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 10/10/2001 | 0.0 | Cobalt | 2.65E-03 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 10/10/2001 | 0.0 | Cobalt | 1.69E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 2/19/2002 | 0.0 | Cobalt | 3.85E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 2/19/2002 | 0.0 | Cobalt | 3.84E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 5/1/2002 | 0.0 | Cobalt | 4.13E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 5/1/2002 | 0.0 | Cobalt | 4.11E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 7/15/2002 | 0.0 | Cobalt | 4.87E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 7/15/2002 | 0.0 | Cobalt | 5.38E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 10/22/2002 | 0.0 | Cobalt | 5.97E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 10/22/2002 | 0.0 | Cobalt | 5.88E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 1/30/2003 | 0.0 | Cobalt | 7.32E-03 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 1/30/2003 | 0.0 | Cobalt | 1.51E-02 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 4/10/2003 | 0.0 | Cobalt | 3.30E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 4/10/2003 | 0.0 | Cobalt | 2.80E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 08/30/2005 | 0.0 | Cobalt | 0.00236 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 08/30/2005 | 0.0 | Cobalt | 0.0032 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 10/26/1998 | 0.0 | Copper | 5.90E-03 | | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |
| KMW12 | 1/26/1999 | 0.0 | Copper | 7.06E-03 | J | 1.00E+00 | 1.30E+00 | 1.36E+00 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KMW12 | 10/19/2000 | 0.0 | Copper | 5.65E-03 | FJ | 1.00E+00 | 1.30E+00 | | 1.36E+00 | NMWQCC | |
| KMW12 | 10/19/2000 | 0.0 | Copper | 1.21E-02 | J | 1.00E+00 | 1.30E+00 | | 1.36E+00 | NMWQCC | |
| KMW12 | 1/30/2003 | 0.0 | Copper | 9.81E-03 | J | 1.00E+00 | 1.30E+00 | | 1.36E+00 | NMWQCC | |
| KMW12 | 10/19/2000 | 0.0 | Iron | 7.11E-02 | F | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 4/27/2001 | 0.0 | Iron | 1.05E-01 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 7/25/2001 | 0.0 | Iron | 6.24E-02 | F | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 7/25/2001 | 0.0 | Iron | 5.05E-01 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 10/10/2001 | 0.0 | Iron | 1.48E-01 | F | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 10/10/2001 | 0.0 | Iron | 6.35E-01 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 2/19/2002 | 0.0 | Iron | 4.15E-01 | F | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 2/19/2002 | 0.0 | Iron | 6.78E-01 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 5/1/2002 | 0.0 | Iron | 3.24E-01 | F | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 5/1/2002 | 0.0 | Iron | 2.71E-01 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 7/15/2002 | 0.0 | Iron | 6.64E-01 | F | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 7/15/2002 | 0.0 | Iron | 4.52E-01 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 10/22/2002 | 0.0 | Iron | 4.02E-01 | F | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| KMW12 | 10/22/2002 | 0.0 | Iron | 6.98E-01 | | 1.00E+00 | NS | | 2.56E+01 | NMWQCC | |
| **KMW12** | **10/26/1998** | **0.0** | **Iron** | **1.36E+01** | **J** | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW12** | **1/26/1999** | **0.0** | **Iron** | **1.20E+01** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW12** | **1/27/2000** | **0.0** | **Iron** | **1.47E+00** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW12** | **4/18/2000** | **0.0** | **Iron** | **1.29E+01** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW12** | **7/28/2000** | **0.0** | **Iron** | **1.32E+01** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW12** | **10/19/2000** | **0.0** | **Iron** | **2.21E+01** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW12** | **1/19/2001** | **0.0** | **Iron** | **1.24E+01** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW12** | **1/30/2003** | **0.0** | **Iron** | **2.41E+00** | **F** | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW12** | **1/30/2003** | **0.0** | **Iron** | **1.86E+01** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW12** | **08/30/2005** | **0.0** | **Iron** | **3.11** | | **1.00E+00** | **NS** | | **2.56E+01** | **NMWQCC** | **YES** |
| KMW12 | 10/26/1998 | 0.0 | Lead | 4.43E-03 | J | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW12 | 1/26/1999 | 0.0 | Lead | 5.32E-03 | | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW12 | 1/27/2000 | 0.0 | Lead | 3.54E-03 | | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW12 | 10/19/2000 | 0.0 | Lead | 9.13E-03 | | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW12 | 1/19/2001 | 0.0 | Lead | 5.85E-03 | | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW12 | 1/30/2003 | 0.0 | Lead | 1.39E-03 | FJ | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW12 | 1/30/2003 | 0.0 | Lead | 9.73E-03 | | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW12 | 4/10/2003 | 0.0 | Lead | 3.15E-04 | FJ | 5.00E-02 | 1.50E-02 | | 1.50E-02 | MCL | |
| KMW12 | 10/26/1998 | 0.0 | Magnesium | 5.07E+01 | J | NS | NS | | NS | NS | |
| KMW12 | 10/27/1998 | 0.0 | Magnesium | 4.24E+01 | FJ | NS | NS | | NS | NS | |
| KMW12 | 1/26/1999 | 0.0 | Magnesium | 4.73E+01 | F | NS | NS | | NS | NS | |
| KMW12 | 1/26/1999 | 0.0 | Magnesium | 4.99E+01 | | NS | NS | | NS | NS | |
| KMW12 | 1/27/2000 | 0.0 | Magnesium | 5.68E+01 | F | NS | NS | | NS | NS | |
| KMW12 | 1/27/2000 | 0.0 | Magnesium | 5.33E+01 | | NS | NS | | NS | NS | |
| KMW12 | 4/18/2000 | 0.0 | Magnesium | 5.48E+01 | F | NS | NS | | NS | NS | |
| KMW12 | 4/18/2000 | 0.0 | Magnesium | 4.97E+01 | | NS | NS | | NS | NS | |
| KMW12 | 7/28/2000 | 0.0 | Magnesium | 5.09E+01 | F | NS | NS | | NS | NS | |
| KMW12 | 7/28/2000 | 0.0 | Magnesium | 4.94E+01 | | NS | NS | | NS | NS | |
| KMW12 | 10/19/2000 | 0.0 | Magnesium | 6.37E+01 | F | NS | NS | | NS | NS | |
| KMW12 | 10/19/2000 | 0.0 | Magnesium | 7.26E+01 | | NS | NS | | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW12 | 1/19/2001 | 0.0 | Magnesium | 6.18E+01 | F | NS | NS | NS | NS | |
| KMW12 | 1/19/2001 | 0.0 | Magnesium | 6.49E+01 | | NS | NS | NS | NS | |
| KMW12 | 4/27/2001 | 0.0 | Magnesium | 7.30E+01 | F | NS | NS | NS | NS | |
| KMW12 | 4/27/2001 | 0.0 | Magnesium | 7.47E+01 | | NS | NS | NS | NS | |
| KMW12 | 7/25/2001 | 0.0 | Magnesium | 7.37E+01 | F | NS | NS | NS | NS | |
| KMW12 | 7/25/2001 | 0.0 | Magnesium | 7.27E+01 | | NS | NS | NS | NS | |
| KMW12 | 10/10/2001 | 0.0 | Magnesium | 7.74E+01 | F | NS | NS | NS | NS | |
| KMW12 | 10/10/2001 | 0.0 | Magnesium | 7.59E+01 | | NS | NS | NS | NS | |
| KMW12 | 2/19/2002 | 0.0 | Magnesium | 7.43E+01 | F | NS | NS | NS | NS | |
| KMW12 | 2/19/2002 | 0.0 | Magnesium | 7.23E+01 | | NS | NS | NS | NS | |
| KMW12 | 5/1/2002 | 0.0 | Magnesium | 7.88E+01 | F | NS | NS | NS | NS | |
| KMW12 | 5/1/2002 | 0.0 | Magnesium | 7.80E+01 | | NS | NS | NS | NS | |
| KMW12 | 7/15/2002 | 0.0 | Magnesium | 7.96E+01 | F | NS | NS | NS | NS | |
| KMW12 | 7/15/2002 | 0.0 | Magnesium | 7.90E+01 | | NS | NS | NS | NS | |
| KMW12 | 10/22/2002 | 0.0 | Magnesium | 8.05E+01 | F | NS | NS | NS | NS | |
| KMW12 | 10/22/2002 | 0.0 | Magnesium | 7.97E+01 | | NS | NS | NS | NS | |
| KMW12 | 1/30/2003 | 0.0 | Magnesium | 6.06E+01 | F | NS | NS | NS | NS | |
| KMW12 | 1/30/2003 | 0.0 | Magnesium | 6.65E+01 | | NS | NS | NS | NS | |
| KMW12 | 4/10/2003 | 0.0 | Magnesium | 4.14E+01 | F | NS | NS | NS | NS | |
| KMW12 | 4/10/2003 | 0.0 | Magnesium | 3.79E+01 | | NS | NS | NS | NS | |
| KMW12 | 08/30/2005 | 0.0 | Magnesium | 60.7 | F | NS | NS | NS | NS | |
| KMW12 | 08/30/2005 | 0.0 | Magnesium | 63.3 | | NS | NS | NS | NS | |
| **KMW12** | **10/26/1998** | **0.0** | **Manganese** | **6.51E-01** | **J** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **10/27/1998** | **0.0** | **Manganese** | **4.64E-01** | **FJ** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **1/26/1999** | **0.0** | **Manganese** | **7.90E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **1/26/1999** | **0.0** | **Manganese** | **8.56E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **1/27/2000** | **0.0** | **Manganese** | **9.25E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **1/27/2000** | **0.0** | **Manganese** | **8.60E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **4/18/2000** | **0.0** | **Manganese** | **7.90E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **7/28/2000** | **0.0** | **Manganese** | **7.35E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **7/28/2000** | **0.0** | **Manganese** | **7.22E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **10/19/2000** | **0.0** | **Manganese** | **8.63E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **10/19/2000** | **0.0** | **Manganese** | **1.12E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **1/19/2001** | **0.0** | **Manganese** | **7.95E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **1/19/2001** | **0.0** | **Manganese** | **9.01E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **4/27/2001** | **0.0** | **Manganese** | **9.87E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **4/27/2001** | **0.0** | **Manganese** | **9.90E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **7/25/2001** | **0.0** | **Manganese** | **9.36E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **7/25/2001** | **0.0** | **Manganese** | **9.25E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **10/10/2001** | **0.0** | **Manganese** | **9.72E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **10/10/2001** | **0.0** | **Manganese** | **9.79E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **2/19/2002** | **0.0** | **Manganese** | **1.03E+00** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **2/19/2002** | **0.0** | **Manganese** | **1.03E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **5/1/2002** | **0.0** | **Manganese** | **1.09E+00** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **5/1/2002** | **0.0** | **Manganese** | **1.09E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **7/15/2002** | **0.0** | **Manganese** | **1.21E+00** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **7/15/2002** | **0.0** | **Manganese** | **1.20E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| **KMW12** | **10/22/2002** | **0.0** | **Manganese** | **1.32E+00** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **10/22/2002** | **0.0** | **Manganese** | **1.31E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **1/30/2003** | **0.0** | **Manganese** | **8.83E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **1/30/2003** | **0.0** | **Manganese** | **1.03E+00** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **4/10/2003** | **0.0** | **Manganese** | **5.83E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **4/10/2003** | **0.0** | **Manganese** | **4.61E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **08/30/2005** | **0.0** | **Manganese** | **0.724** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW12** | **08/30/2005** | **0.0** | **Manganese** | **0.762** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| KMW12 | 1/26/1999 | 0.0 | Molybdenum | 1.42E-02 | FJ | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| KMW12 | 4/27/2001 | 0.0 | Nickel | 1.88E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 7/15/2002 | 0.0 | Nickel | 1.41E-02 | FJ | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 7/15/2002 | 0.0 | Nickel | 1.14E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW12 | 1/26/1999 | 0.0 | Nitrate | 1.74E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW12 | 1/27/2000 | 0.0 | Nitrate | 2.58E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW12 | 10/19/2000 | 0.0 | Nitrate | 5.65E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW12 | 7/25/2001 | 0.0 | Nitrate | 6.85E-03 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW12 | 1/30/2003 | 0.0 | Nitrate | 4.10E-01 | | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW12 | 4/10/2003 | 0.0 | Nitrate | 3.50E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW12 | 08/30/2005 | 0.0 | Nitrate as N | 0.68 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW12 | 08/30/2005 | 0.0 | Nitrate/Nitrite Nitrogen | 1.1 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW12 | 10/19/2000 | 0.0 | Nitrite | 1.09E-01 | | NS | 1.00E+00 | 1.00E+00 | MCL | |
| KMW12 | 1/19/2001 | 0.0 | Nitrite | 1.58E-01 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| KMW12 | 7/25/2001 | 0.0 | Nitrite | 3.66E-02 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| KMW12 | 1/30/2003 | 0.0 | Nitrite | 3.30E-01 | | NS | 1.00E+00 | 1.00E+00 | MCL | |
| KMW12 | 08/30/2005 | 0.0 | Nitrite as N | 0.42 | J | NS | 1.00E+00 | 1.00E+00 | MCL | |
| KMW12 | 10/26/1998 | 0.0 | Potassium | 2.28E+01 | J | NS | NS | NS | NS | |
| KMW12 | 10/27/1998 | 0.0 | Potassium | 1.71E+01 | FJ | NS | NS | NS | NS | |
| KMW12 | 1/26/1999 | 0.0 | Potassium | 1.34E+01 | F | NS | NS | NS | NS | |
| KMW12 | 1/26/1999 | 0.0 | Potassium | 1.85E+01 | | NS | NS | NS | NS | |
| KMW12 | 1/27/2000 | 0.0 | Potassium | 1.45E+01 | F | NS | NS | NS | NS | |
| KMW12 | 1/27/2000 | 0.0 | Potassium | 1.33E+01 | | NS | NS | NS | NS | |
| KMW12 | 4/18/2000 | 0.0 | Potassium | 1.41E+01 | F | NS | NS | NS | NS | |
| KMW12 | 4/18/2000 | 0.0 | Potassium | 1.50E+01 | | NS | NS | NS | NS | |
| KMW12 | 7/28/2000 | 0.0 | Potassium | 1.29E+01 | F | NS | NS | NS | NS | |
| KMW12 | 7/28/2000 | 0.0 | Potassium | 1.46E+01 | | NS | NS | NS | NS | |
| KMW12 | 10/19/2000 | 0.0 | Potassium | 1.39E+01 | F | NS | NS | NS | NS | |
| KMW12 | 10/19/2000 | 0.0 | Potassium | 2.57E+01 | | NS | NS | NS | NS | |
| KMW12 | 1/19/2001 | 0.0 | Potassium | 1.38E+01 | F | NS | NS | NS | NS | |
| KMW12 | 1/19/2001 | 0.0 | Potassium | 1.89E+01 | | NS | NS | NS | NS | |
| KMW12 | 4/27/2001 | 0.0 | Potassium | 1.39E+01 | F | NS | NS | NS | NS | |
| KMW12 | 4/27/2001 | 0.0 | Potassium | 1.47E+01 | | NS | NS | NS | NS | |
| KMW12 | 7/25/2001 | 0.0 | Potassium | 1.43E+01 | F | NS | NS | NS | NS | |
| KMW12 | 7/25/2001 | 0.0 | Potassium | 1.44E+01 | | NS | NS | NS | NS | |
| KMW12 | 10/10/2001 | 0.0 | Potassium | 1.47E+01 | F | NS | NS | NS | NS | |
| KMW12 | 10/10/2001 | 0.0 | Potassium | 1.47E+01 | | NS | NS | NS | NS | |
| KMW12 | 2/19/2002 | 0.0 | Potassium | 1.42E+01 | F | NS | NS | NS | NS | |
| KMW12 | 2/19/2002 | 0.0 | Potassium | 1.41E+01 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW12 | 5/1/2002 | 0.0 | Potassium | 1.43E+01 | F | NS | NS | NS | NS | |
| KMW12 | 5/1/2002 | 0.0 | Potassium | 1.43E+01 | | NS | NS | NS | NS | |
| KMW12 | 7/15/2002 | 0.0 | Potassium | 1.45E+01 | F | NS | NS | NS | NS | |
| KMW12 | 7/15/2002 | 0.0 | Potassium | 1.46E+01 | | NS | NS | NS | NS | |
| KMW12 | 10/22/2002 | 0.0 | Potassium | 1.50E+01 | F | NS | NS | NS | NS | |
| KMW12 | 10/22/2002 | 0.0 | Potassium | 1.46E+01 | | NS | NS | NS | NS | |
| KMW12 | 1/30/2003 | 0.0 | Potassium | 1.50E+01 | F | NS | NS | NS | NS | |
| KMW12 | 1/30/2003 | 0.0 | Potassium | 2.28E+01 | | NS | NS | NS | NS | |
| KMW12 | 4/10/2003 | 0.0 | Potassium | 1.14E+01 | F | NS | NS | NS | NS | |
| KMW12 | 4/10/2003 | 0.0 | Potassium | 1.07E+01 | | NS | NS | NS | NS | |
| KMW12 | 08/30/2005 | 0.0 | Potassium | 12.6 | F | NS | NS | NS | NS | |
| KMW12 | 08/30/2005 | 0.0 | Potassium | 14.1 | | NS | NS | NS | NS | |
| KMW12 | 10/26/1998 | 0.0 | Selenium | 2.91E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW12 | 10/27/1998 | 0.0 | Selenium | 2.67E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW12 | 7/28/2000 | 0.0 | Selenium | 1.90E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW12 | 4/27/2001 | 0.0 | Selenium | 2.10E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW12 | 4/27/2001 | 0.0 | Selenium | 4.50E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW12 | 1/30/2003 | 0.0 | Selenium | 7.19E-04 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW12 | 1/30/2003 | 0.0 | Selenium | 9.55E-04 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW12 | 08/30/2005 | 0.0 | Selenium | 0.00225 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW12 | 08/30/2005 | 0.0 | Selenium | 0.00136 | JF | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW12 | 10/26/1998 | 0.0 | Silver | 1.76E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| KMW12 | 10/26/1998 | 0.0 | Sodium | 7.03E+02 | | NS | NS | NS | NS | |
| KMW12 | 10/27/1998 | 0.0 | Sodium | 6.83E+02 | F | NS | NS | NS | NS | |
| KMW12 | 1/26/1999 | 0.0 | Sodium | 6.45E+02 | F | NS | NS | NS | NS | |
| KMW12 | 1/26/1999 | 0.0 | Sodium | 6.45E+02 | | NS | NS | NS | NS | |
| KMW12 | 1/27/2000 | 0.0 | Sodium | 7.00E+02 | F | NS | NS | NS | NS | |
| KMW12 | 1/27/2000 | 0.0 | Sodium | 6.90E+02 | | NS | NS | NS | NS | |
| KMW12 | 4/18/2000 | 0.0 | Sodium | 6.45E+02 | F | NS | NS | NS | NS | |
| KMW12 | 4/18/2000 | 0.0 | Sodium | 6.97E+02 | | NS | NS | NS | NS | |
| KMW12 | 7/28/2000 | 0.0 | Sodium | 6.62E+02 | F | NS | NS | NS | NS | |
| KMW12 | 7/28/2000 | 0.0 | Sodium | 6.61E+02 | | NS | NS | NS | NS | |
| KMW12 | 10/19/2000 | 0.0 | Sodium | 6.40E+02 | F | NS | NS | NS | NS | |
| KMW12 | 10/19/2000 | 0.0 | Sodium | 6.70E+02 | | NS | NS | NS | NS | |
| KMW12 | 1/19/2001 | 0.0 | Sodium | 6.46E+02 | F | NS | NS | NS | NS | |
| KMW12 | 1/19/2001 | 0.0 | Sodium | 6.47E+02 | | NS | NS | NS | NS | |
| KMW12 | 4/27/2001 | 0.0 | Sodium | 6.42E+02 | F | NS | NS | NS | NS | |
| KMW12 | 4/27/2001 | 0.0 | Sodium | 6.59E+02 | | NS | NS | NS | NS | |
| KMW12 | 7/25/2001 | 0.0 | Sodium | 6.23E+02 | F | NS | NS | NS | NS | |
| KMW12 | 7/25/2001 | 0.0 | Sodium | 6.02E+02 | | NS | NS | NS | NS | |
| KMW12 | 10/10/2001 | 0.0 | Sodium | 6.52E+02 | F | NS | NS | NS | NS | |
| KMW12 | 10/10/2001 | 0.0 | Sodium | 6.31E+02 | | NS | NS | NS | NS | |
| KMW12 | 2/19/2002 | 0.0 | Sodium | 6.43E+02 | F | NS | NS | NS | NS | |
| KMW12 | 2/19/2002 | 0.0 | Sodium | 6.62E+02 | | NS | NS | NS | NS | |
| KMW12 | 5/1/2002 | 0.0 | Sodium | 5.87E+02 | F | NS | NS | NS | NS | |
| KMW12 | 5/1/2002 | 0.0 | Sodium | 5.85E+02 | | NS | NS | NS | NS | |
| KMW12 | 7/15/2002 | 0.0 | Sodium | 5.98E+02 | F | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW12 | 7/15/2002 | 0.0 | Sodium | 5.17E+02 | | NS | NS | NS | NS | |
| KMW12 | 10/22/2002 | 0.0 | Sodium | 6.40E+02 | F | NS | NS | NS | NS | |
| KMW12 | 10/22/2002 | 0.0 | Sodium | 6.34E+02 | | NS | NS | NS | NS | |
| KMW12 | 1/30/2003 | 0.0 | Sodium | 6.48E+02 | F | NS | NS | NS | NS | |
| KMW12 | 1/30/2003 | 0.0 | Sodium | 6.50E+02 | | NS | NS | NS | NS | |
| KMW12 | 4/10/2003 | 0.0 | Sodium | 6.18E+02 | F | NS | NS | NS | NS | |
| KMW12 | 4/10/2003 | 0.0 | Sodium | 5.90E+02 | | NS | NS | NS | NS | |
| KMW12 | 08/30/2005 | 0.0 | Sodium | 610 | F | NS | NS | NS | NS | |
| KMW12 | 08/30/2005 | 0.0 | Sodium | 623 | | NS | NS | NS | NS | |
| **KMW12** | **10/27/1998** | **0.0** | **Sulfate** | **1.94E+03** | | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| **KMW12** | **1/26/1999** | **0.0** | **Sulfate** | **1.54E+03** | **J** | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| KMW12 | 10/26/1998 | 0.0 | Thallium | 2.65E-04 | | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW12 | 10/27/1998 | 0.0 | Thallium | 1.35E-04 | F | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW12 | 4/27/2001 | 0.0 | Thallium | 9.20E-05 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW12 | 10/22/2002 | 0.0 | Thallium | 9.73E-05 | FJ | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW12 | 10/22/2002 | 0.0 | Thallium | 1.02E-04 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW12 | 1/30/2003 | 0.0 | Thallium | 1.42E-04 | FJ | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW12 | 1/30/2003 | 0.0 | Thallium | 2.52E-04 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW12 | 4/10/2003 | 0.0 | Thallium | 3.01E-05 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW12 | 08/30/2005 | 0.0 | Thallium | 0.0000752 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW12 | 10/26/1998 | 0.0 | Vanadium | 1.98E-02 | | NS | NS | 1.83E-01 | MSC | |
| KMW12 | 1/26/1999 | 0.0 | Vanadium | 3.62E-02 | J | NS | NS | 1.83E-01 | MSC | |
| KMW12 | 1/27/2000 | 0.0 | Vanadium | 3.76E-04 | FJ | NS | NS | 1.83E-01 | MSC | |
| KMW12 | 1/27/2000 | 0.0 | Vanadium | 4.40E-03 | J | NS | NS | 1.83E-01 | MSC | |
| KMW12 | 4/18/2000 | 0.0 | Vanadium | 1.15E-02 | J | NS | NS | 1.83E-01 | MSC | |
| KMW12 | 7/28/2000 | 0.0 | Vanadium | 9.50E-03 | J | NS | NS | 1.83E-01 | MSC | |
| KMW12 | 10/19/2000 | 0.0 | Vanadium | 9.67E-03 | | NS | NS | 1.83E-01 | MSC | |
| KMW12 | 1/19/2001 | 0.0 | Vanadium | 5.33E-03 | | NS | NS | 1.83E-01 | MSC | |
| KMW12 | 10/22/2002 | 0.0 | Vanadium | 5.07E-04 | J | NS | NS | 1.83E-01 | MSC | |
| KMW12 | 1/30/2003 | 0.0 | Vanadium | 4.08E-02 | J | NS | NS | 1.83E-01 | MSC | |
| KMW12 | 08/30/2005 | 0.0 | Vanadium | 0.0088 | J | NS | NS | 1.83E-01 | MSC | |
| KMW12 | 10/26/1998 | 0.0 | Zinc | 5.54E-02 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 1/26/1999 | 0.0 | Zinc | 3.70E-02 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 1/26/1999 | 0.0 | Zinc | 5.39E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 4/18/2000 | 0.0 | Zinc | 4.24E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 7/28/2000 | 0.0 | Zinc | 4.04E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 10/19/2000 | 0.0 | Zinc | 3.98E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 1/19/2001 | 0.0 | Zinc | 6.40E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 1/19/2001 | 0.0 | Zinc | 2.66E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 4/27/2001 | 0.0 | Zinc | 7.90E-03 | J | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 2/19/2002 | 0.0 | Zinc | 6.17E-03 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 2/19/2002 | 0.0 | Zinc | 8.18E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 5/1/2002 | 0.0 | Zinc | 4.47E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 5/1/2002 | 0.0 | Zinc | 8.07E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 7/15/2002 | 0.0 | Zinc | 2.72E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 10/22/2002 | 0.0 | Zinc | 4.99E-03 | FJ | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW12 | 10/22/2002 | 0.0 | Zinc | 5.53E-03 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KMW12 | 1/30/2003 | 0.0 | Zinc | 1.18E-02 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW12 | 1/30/2003 | 0.0 | Zinc | 4.64E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW12 | 08/30/2005 | 0.0 | Zinc | 0.0211 | F | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW12 | 08/30/2005 | 0.0 | Zinc | 0.0387 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW13 | 4/7/2003 | 0.0 | 1,3,5-Trinitrobenzene | 1.50E-04 | J | NS | NS | | 1.10E+00 | MSC | |
| KMW13 | 10/23/1998 | 0.0 | Aluminum | 6.66E-02 | F | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| KMW13 | 10/23/1998 | 0.0 | Aluminum | 4.04E+00 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| KMW13 | 1/26/1999 | 0.0 | Aluminum | 1.43E+00 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| KMW13 | 10/19/2000 | 0.0 | Aluminum | 6.40E-01 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| KMW13 | 4/25/2001 | 0.0 | Aluminum | 2.56E-01 | | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| KMW13 | 10/11/2001 | 0.0 | Aluminum | 1.25E-01 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| KMW13 | 2/21/2002 | 0.0 | Aluminum | 5.05E-02 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| KMW13 | 5/2/2002 | 0.0 | Aluminum | 4.10E-02 | J | 5.00E+00 | NS | | 3.65E+01 | NMWQCC | |
| KMW13 | 10/22/1998 | 0.0 | Ammonia nitrogen | 1.32E-01 | | NS | NS | | 2.09E-01 | MSC | |
| KMW13 | 10/23/1998 | 0.0 | Ammonia nitrogen | 7.63E-02 | F | NS | NS | | 2.09E-01 | MSC | |
| KMW13 | 1/29/1999 | 0.0 | Ammonia nitrogen | 9.50E-02 | F | NS | NS | | 2.09E-01 | MSC | |
| **KMW13** | **1/28/1999** | **0.0** | **Ammonia nitrogen** | **2.54E-01** | | **NS** | **NS** | | **2.09E-01** | **MSC** | **YES** |
| KMW13 | 10/23/1998 | 0.0 | Antimony | 7.25E-04 | | NS | 6.00E-03 | | 1.46E-02 | MCL | |
| KMW13 | 10/23/1998 | 0.0 | Arsenic | 1.57E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| KMW13 | 4/25/2001 | 0.0 | Arsenic | 2.10E-03 | J | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| KMW13 | 4/27/2001 | 0.0 | Arsenic | 9.00E-04 | FJ | 1.00E-01 | 1.00E-02 | | 4.48E-05 | MCL | |
| KMW13 | 10/23/1998 | 0.0 | Barium | 4.18E-01 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 1/26/1999 | 0.0 | Barium | 9.62E-02 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 1/27/1999 | 0.0 | Barium | 4.65E-02 | F | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 1/26/2000 | 0.0 | Barium | 1.53E-02 | FJ | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 1/26/2000 | 0.0 | Barium | 1.50E-02 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 10/19/2000 | 0.0 | Barium | 3.45E-02 | | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 4/25/2001 | 0.0 | Barium | 2.60E-02 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 4/27/2001 | 0.0 | Barium | 1.40E-02 | FJ | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 7/25/2001 | 0.0 | Barium | 1.36E-02 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 10/11/2001 | 0.0 | Barium | 1.59E-02 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 2/21/2002 | 0.0 | Barium | 1.66E-02 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 2/22/2002 | 0.0 | Barium | 1.67E-02 | FJ | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 5/2/2002 | 0.0 | Barium | 1.32E-02 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 10/28/2002 | 0.0 | Barium | 1.39E-02 | J | 1.00E+00 | 2.00E+00 | | 7.30E+00 | NMWQCC | |
| KMW13 | 1/26/1999 | 0.0 | Boron | 3.12E-01 | | 7.50E-01 | NS | | 7.30E+00 | NMWQCC | |
| KMW13 | 1/27/1999 | 0.0 | Boron | 3.67E-01 | F | 7.50E-01 | NS | | 7.30E+00 | NMWQCC | |
| KMW13 | 10/23/1998 | 0.0 | Cadmium | 2.47E-04 | F | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| KMW13 | 10/23/1998 | 0.0 | Cadmium | 4.68E-04 | J | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| KMW13 | 4/25/2001 | 0.0 | Cadmium | 1.10E-04 | J | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| KMW13 | 4/27/2001 | 0.0 | Cadmium | 7.40E-05 | FJ | 1.00E-02 | 5.00E-03 | | 1.83E-02 | MCL | |
| KMW13 | 10/23/1998 | 0.0 | Calcium | 5.06E+02 | FJ | NS | NS | | NS | NS | |
| KMW13 | 10/23/1998 | 0.0 | Calcium | 5.40E+02 | J | NS | NS | | NS | NS | |
| KMW13 | 1/26/1999 | 0.0 | Calcium | 4.88E+02 | | NS | NS | | NS | NS | |
| KMW13 | 1/27/1999 | 0.0 | Calcium | 5.28E+02 | F | NS | NS | | NS | NS | |
| KMW13 | 1/26/2000 | 0.0 | Calcium | 5.10E+02 | F | NS | NS | | NS | NS | |
| KMW13 | 1/26/2000 | 0.0 | Calcium | 4.99E+02 | | NS | NS | | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW13 | 10/19/2000 | 0.0 | Calcium | 5.00E+02 | | NS | NS | NS | NS | |
| KMW13 | 1/22/2001 | 0.0 | Calcium | 5.09E+02 | F | NS | NS | NS | NS | |
| KMW13 | 4/25/2001 | 0.0 | Calcium | 5.32E+02 | | NS | NS | NS | NS | |
| KMW13 | 4/27/2001 | 0.0 | Calcium | 5.25E+02 | FJ | NS | NS | NS | NS | |
| KMW13 | 7/25/2001 | 0.0 | Calcium | 5.02E+02 | | NS | NS | NS | NS | |
| KMW13 | 10/11/2001 | 0.0 | Calcium | 4.88E+02 | | NS | NS | NS | NS | |
| KMW13 | 2/21/2002 | 0.0 | Calcium | 4.84E+02 | | NS | NS | NS | NS | |
| KMW13 | 2/22/2002 | 0.0 | Calcium | 4.80E+02 | F | NS | NS | NS | NS | |
| KMW13 | 5/2/2002 | 0.0 | Calcium | 4.64E+02 | | NS | NS | NS | NS | |
| KMW13 | 10/28/2002 | 0.0 | Calcium | 5.01E+02 | | NS | NS | NS | NS | |
| KMW13 | 10/22/1998 | 0.0 | Chloride | 2.96E+01 | | 2.50E+02 | NS | NS | NMWQCC | |
| KMW13 | 1/28/1999 | 0.0 | Chloride | 2.96E-02 | | 2.50E+02 | NS | NS | NMWQCC | |
| KMW13 | 4/27/2001 | 0.0 | Chromium | 1.22E-02 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW13 | 2/21/2002 | 0.0 | Chromium | 3.98E-04 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | |
| KMW13 | 1/26/1999 | 0.0 | Cobalt | 1.06E-02 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 1/26/2000 | 0.0 | Cobalt | 1.61E-02 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 1/26/2000 | 0.0 | Cobalt | 1.65E-02 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 10/19/2000 | 0.0 | Cobalt | 1.24E-02 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 1/22/2001 | 0.0 | Cobalt | 5.63E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 4/25/2001 | 0.0 | Cobalt | 7.80E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 4/27/2001 | 0.0 | Cobalt | 7.90E-03 | FJ | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 7/25/2001 | 0.0 | Cobalt | 7.22E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 10/11/2001 | 0.0 | Cobalt | 5.81E-03 | J | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 2/21/2002 | 0.0 | Cobalt | 5.22E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 2/22/2002 | 0.0 | Cobalt | 4.89E-03 | F | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 5/2/2002 | 0.0 | Cobalt | 5.94E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 10/28/2002 | 0.0 | Cobalt | 5.53E-03 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 1/26/2000 | 0.0 | Iron | 1.00E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW13 | 10/19/2000 | 0.0 | Iron | 9.09E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW13 | 4/25/2001 | 0.0 | Iron | 2.66E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW13 | 10/11/2001 | 0.0 | Iron | 1.08E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW13 | 2/21/2002 | 0.0 | Iron | 1.49E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW13 | 2/22/2002 | 0.0 | Iron | 1.84E-01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| KMW13 | 5/2/2002 | 0.0 | Iron | 1.22E-01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | |
| **KMW13** | **10/23/1998** | **0.0** | **Iron** | **4.22E+00** | **J** | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| **KMW13** | **1/26/1999** | **0.0** | **Iron** | **1.05E+00** | | **1.00E+00** | **NS** | **2.56E+01** | **NMWQCC** | **YES** |
| KMW13 | 10/23/1998 | 0.0 | Lead | 2.13E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW13 | 1/27/1999 | 0.0 | Lead | 3.08E-04 | FJ | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW13 | 1/26/2000 | 0.0 | Lead | 3.94E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW13 | 10/19/2000 | 0.0 | Lead | 1.49E-03 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW13 | 4/25/2001 | 0.0 | Lead | 7.90E-04 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | |
| KMW13 | 10/23/1998 | 0.0 | Magnesium | 5.44E+02 | FJ | NS | NS | NS | NS | |
| KMW13 | 10/23/1998 | 0.0 | Magnesium | 5.50E+02 | J | NS | NS | NS | NS | |
| KMW13 | 1/26/1999 | 0.0 | Magnesium | 4.40E+02 | | NS | NS | NS | NS | |
| KMW13 | 1/27/1999 | 0.0 | Magnesium | 4.88E+02 | F | NS | NS | NS | NS | |
| KMW13 | 1/26/2000 | 0.0 | Magnesium | 4.48E+02 | F | NS | NS | NS | NS | |
| KMW13 | 1/26/2000 | 0.0 | Magnesium | 4.39E+02 | | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW13 | 10/19/2000 | 0.0 | Magnesium | 4.58E+02 | | NS | NS | NS | NS | |
| KMW13 | 1/22/2001 | 0.0 | Magnesium | 4.80E+02 | F | NS | NS | NS | NS | |
| KMW13 | 4/25/2001 | 0.0 | Magnesium | 4.55E+02 | | NS | NS | NS | NS | |
| KMW13 | 4/27/2001 | 0.0 | Magnesium | 4.62E+02 | FJ | NS | NS | NS | NS | |
| KMW13 | 7/25/2001 | 0.0 | Magnesium | 4.62E+02 | | NS | NS | NS | NS | |
| KMW13 | 10/11/2001 | 0.0 | Magnesium | 4.45E+02 | | NS | NS | NS | NS | |
| KMW13 | 2/21/2002 | 0.0 | Magnesium | 4.41E+02 | | NS | NS | NS | NS | |
| KMW13 | 2/22/2002 | 0.0 | Magnesium | 4.46E+02 | F | NS | NS | NS | NS | |
| KMW13 | 5/2/2002 | 0.0 | Magnesium | 4.47E+02 | | NS | NS | NS | NS | |
| KMW13 | 10/28/2002 | 0.0 | Magnesium | 4.73E+02 | | NS | NS | NS | NS | |
| KMW13 | 10/11/2001 | 0.0 | Manganese | 1.90E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW13 | 2/21/2002 | 0.0 | Manganese | 1.68E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW13 | 2/22/2002 | 0.0 | Manganese | 1.85E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW13 | 5/2/2002 | 0.0 | Manganese | 1.35E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| KMW13 | 10/28/2002 | 0.0 | Manganese | 1.33E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | |
| **KMW13** | **10/23/1998** | **0.0** | **Manganese** | **3.78E-01** | **FJ** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW13** | **10/23/1998** | **0.0** | **Manganese** | **5.22E-01** | **J** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW13** | **1/26/1999** | **0.0** | **Manganese** | **3.79E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW13** | **1/27/1999** | **0.0** | **Manganese** | **3.79E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW13** | **1/26/2000** | **0.0** | **Manganese** | **3.52E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW13** | **1/26/2000** | **0.0** | **Manganese** | **3.42E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW13** | **10/19/2000** | **0.0** | **Manganese** | **2.89E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW13** | **1/22/2001** | **0.0** | **Manganese** | **2.21E-01** | **F** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW13** | **4/25/2001** | **0.0** | **Manganese** | **2.34E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW13** | **4/27/2001** | **0.0** | **Manganese** | **2.32E-01** | **FJ** | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| **KMW13** | **7/25/2001** | **0.0** | **Manganese** | **2.01E-01** | | **2.00E-01** | **NS** | **1.70E+00** | **NMWQCC** | **YES** |
| KMW13 | 1/22/2001 | 0.0 | Mercury | 4.17E-04 | FJ | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| KMW13 | 5/2/2002 | 0.0 | Mercury | 1.24E-04 | | 2.00E-03 | 2.00E-03 | 1.10E-02 | MCL | |
| KMW13 | 1/26/1999 | 0.0 | Molybdenum | 5.61E-02 | J | 1.00E+00 | NS | 1.83E-01 | NMWQCC | |
| KMW13 | 10/23/1998 | 0.0 | Nickel | 2.89E-02 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 10/23/1998 | 0.0 | Nickel | 3.31E-02 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 1/26/1999 | 0.0 | Nickel | 1.47E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 1/27/1999 | 0.0 | Nickel | 2.23E-02 | FJ | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 1/26/2000 | 0.0 | Nickel | 4.14E-02 | F | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 10/19/2000 | 0.0 | Nickel | 1.57E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 4/25/2001 | 0.0 | Nickel | 2.54E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 5/2/2002 | 0.0 | Nickel | 1.44E-02 | J | 2.00E-01 | NS | 7.30E-01 | NMWQCC | |
| KMW13 | 10/22/1998 | 0.0 | Nitrate | 1.68E-02 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW13 | 1/28/1999 | 0.0 | Nitrate | 2.28E-01 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW13 | 10/30/2002 | 0.0 | Nitrate | 3.77E-02 | J | 1.00E+01 | 1.00E+01 | 1.00E+01 | MCL | |
| KMW13 | 10/22/1998 | 0.0 | Nitrite | 1.07E-02 | | NS | 1.00E+00 | 1.00E+00 | MCL | |
| KMW13 | 4/18/2000 | 0.0 | Nitrite | 3.35E-01 | | NS | 1.00E+00 | 1.00E+00 | MCL | |
| **KMW13** | **1/28/1999** | **0.0** | **Nitrite** | **1.26E+00** | | **NS** | **1.00E+00** | **1.00E+00** | **MCL** | **YES** |
| KMW13 | 4/25/2001 | 0.0 | Nitrobenzene | 1.10E-04 | J | NS | NS | 3.40E-03 | MSC | |
| KMW13 | 2/20/2002 | 0.0 | Nitrobenzene | 1.57E-04 | J | NS | NS | 3.40E-03 | MSC | |
| KMW13 | 10/23/1998 | 0.0 | Potassium | 3.03E+01 | FJ | NS | NS | NS | NS | |
| KMW13 | 10/23/1998 | 0.0 | Potassium | 3.51E+01 | J | NS | NS | NS | NS | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW13 | 1/26/1999 | 0.0 | Potassium | 2.56E+01 | | NS | NS | NS | NS | |
| KMW13 | 1/27/1999 | 0.0 | Potassium | 2.71E+01 | F | NS | NS | NS | NS | |
| KMW13 | 1/26/2000 | 0.0 | Potassium | 2.23E+01 | F | NS | NS | NS | NS | |
| KMW13 | 1/26/2000 | 0.0 | Potassium | 2.08E+01 | | NS | NS | NS | NS | |
| KMW13 | 10/19/2000 | 0.0 | Potassium | 2.15E+01 | | NS | NS | NS | NS | |
| KMW13 | 1/22/2001 | 0.0 | Potassium | 2.19E+01 | F | NS | NS | NS | NS | |
| KMW13 | 4/25/2001 | 0.0 | Potassium | 2.14E+01 | | NS | NS | NS | NS | |
| KMW13 | 4/27/2001 | 0.0 | Potassium | 2.13E+01 | FJ | NS | NS | NS | NS | |
| KMW13 | 7/25/2001 | 0.0 | Potassium | 2.11E+01 | | NS | NS | NS | NS | |
| KMW13 | 10/11/2001 | 0.0 | Potassium | 2.09E+01 | | NS | NS | NS | NS | |
| KMW13 | 2/21/2002 | 0.0 | Potassium | 2.10E+01 | | NS | NS | NS | NS | |
| KMW13 | 2/22/2002 | 0.0 | Potassium | 2.09E+01 | F | NS | NS | NS | NS | |
| KMW13 | 5/2/2002 | 0.0 | Potassium | 2.02E+01 | | NS | NS | NS | NS | |
| KMW13 | 10/28/2002 | 0.0 | Potassium | 2.14E+01 | | NS | NS | NS | NS | |
| KMW13 | 10/23/1998 | 0.0 | Selenium | 5.91E-03 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW13 | 10/23/1998 | 0.0 | Selenium | 5.07E-03 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW13 | 4/25/2001 | 0.0 | Selenium | 4.70E-03 | J | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW13 | 4/27/2001 | 0.0 | Selenium | 1.90E-03 | FJ | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | |
| KMW13 | 10/23/1998 | 0.0 | Silver | 1.78E-04 | | 5.00E-02 | NS | 1.83E-01 | NMWQCC | |
| KMW13 | 10/23/1998 | 0.0 | Sodium | 1.24E+02 | F | NS | NS | NS | NS | |
| KMW13 | 10/23/1998 | 0.0 | Sodium | 1.29E+02 | | NS | NS | NS | NS | |
| KMW13 | 1/26/1999 | 0.0 | Sodium | 1.20E+02 | | NS | NS | NS | NS | |
| KMW13 | 1/27/1999 | 0.0 | Sodium | 1.28E+02 | F | NS | NS | NS | NS | |
| KMW13 | 1/26/2000 | 0.0 | Sodium | 1.26E+02 | F | NS | NS | NS | NS | |
| KMW13 | 1/26/2000 | 0.0 | Sodium | 1.23E+02 | | NS | NS | NS | NS | |
| KMW13 | 10/19/2000 | 0.0 | Sodium | 1.26E+02 | | NS | NS | NS | NS | |
| KMW13 | 1/22/2001 | 0.0 | Sodium | 1.27E+02 | F | NS | NS | NS | NS | |
| KMW13 | 4/25/2001 | 0.0 | Sodium | 1.28E+02 | | NS | NS | NS | NS | |
| KMW13 | 4/27/2001 | 0.0 | Sodium | 1.27E+02 | FJ | NS | NS | NS | NS | |
| KMW13 | 7/25/2001 | 0.0 | Sodium | 1.22E+02 | | NS | NS | NS | NS | |
| KMW13 | 10/11/2001 | 0.0 | Sodium | 1.23E+02 | | NS | NS | NS | NS | |
| KMW13 | 2/21/2002 | 0.0 | Sodium | 1.28E+02 | | NS | NS | NS | NS | |
| KMW13 | 2/22/2002 | 0.0 | Sodium | 1.29E+02 | F | NS | NS | NS | NS | |
| KMW13 | 5/2/2002 | 0.0 | Sodium | 1.19E+02 | | NS | NS | NS | NS | |
| KMW13 | 10/28/2002 | 0.0 | Sodium | 1.29E+02 | | NS | NS | NS | NS | |
| KMW13 | 1/28/1999 | 0.0 | Sulfate | 2.46E+00 | | 6.00E+02 | NS | NS | NMWQCC | |
| **KMW13** | **10/22/1998** | **0.0** | **Sulfate** | **3.15E+03** | | **6.00E+02** | **NS** | **NS** | **NMWQCC** | **YES** |
| KMW13 | 10/23/1998 | 0.0 | Thallium | 3.25E-04 | F | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW13 | 10/23/1998 | 0.0 | Thallium | 3.51E-04 | | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW13 | 4/25/2001 | 0.0 | Thallium | 1.70E-04 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW13 | 10/28/2002 | 0.0 | Thallium | 2.54E-04 | J | NS | 2.00E-03 | 2.60E-03 | MCL | |
| KMW13 | 1/26/2000 | 0.0 | Vanadium | 3.75E-04 | FJ | NS | NS | 1.83E-01 | MSC | |
| KMW13 | 10/28/2002 | 0.0 | Vanadium | 1.25E-04 | J | NS | NS | 1.83E-01 | MSC | |
| KMW13 | 1/26/1999 | 0.0 | Zinc | 2.54E-02 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW13 | 1/27/1999 | 0.0 | Zinc | 1.17E-01 | F | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW13 | 1/26/2000 | 0.0 | Zinc | 1.29E-01 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |
| KMW13 | 10/19/2000 | 0.0 | Zinc | 3.30E-01 | | 1.00E+01 | NS | 1.10E+01 | NMWQCC | |

***Table 6-3***
***Summary of Detected Constituents in Ground Water, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL | (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KMW13 | 1/22/2001 | 0.0 | Zinc | 1.85E-02 | F | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW13 | 4/25/2001 | 0.0 | Zinc | 1.91E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW13 | 4/27/2001 | 0.0 | Zinc | 2.76E-02 | FJ | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW13 | 7/25/2001 | 0.0 | Zinc | 1.11E-01 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW13 | 10/11/2001 | 0.0 | Zinc | 1.67E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW13 | 2/21/2002 | 0.0 | Zinc | 2.18E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW13 | 2/22/2002 | 0.0 | Zinc | 1.59E-02 | F | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW13 | 5/2/2002 | 0.0 | Zinc | 5.04E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |
| KMW13 | 10/28/2002 | 0.0 | Zinc | 1.10E-02 | | 1.00E+01 | NS | | 1.10E+01 | NMWQCC | |

**Notes:**

feet bgs - feet below ground surface

MCL - Maximum Contaminant Level

mg/l - milligram per liter

MSC - Medium Specific Concentration

NMWQCC - New Mexico Water Quality Control Commission

NS - no standard

USEPA - US Environmental Protection Agency

**Flag Codes:**

D - Duplicate

F - Filtered Sampled

J - Estimated Concetration

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| BTSW01 | 11/19/1993 | 0.0 | Manganese | 1.41E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW02 | 10/22/1996 | 0.0 | Aluminum | 1.30E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW02 | 2/10/1997 | 0.0 | Aluminum | 1.13E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW02 | 10/19/1998 | 0.0 | Aluminum | 5.47E+00 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW02 | 10/19/2000 | 0.0 | Aluminum | 8.44E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW02 | 10/9/2001 | 0.0 | Antimony | 6.13E-03 | F | NS | 6.00E-03 | 1.46E-02 | MCL | YES |
| CMW02 | 1/21/1999 | 0.0 | Boron | 9.81E-01 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW02 | 1/21/1999 | 0.0 | Boron | 9.09E-01 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW02 | 10/22/1996 | 0.0 | Iron | 6.86E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW02 | 2/10/1997 | 0.0 | Iron | 6.18E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW02 | 10/19/1998 | 0.0 | Iron | 3.15E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW02 | 4/17/2000 | 0.0 | Iron | 2.20E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW02 | 10/19/2000 | 0.0 | Iron | 3.59E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW02 | 10/19/2000 | 0.0 | Lead | 2.01E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| CMW02 | 10/19/2000 | 0.0 | Manganese | 2.37E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW04 | 10/22/1996 | 0.0 | Aluminum | 5.33E+00 | DJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW04 | 10/22/1996 | 0.0 | Aluminum | 3.01E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW04 | 1/21/1999 | 0.0 | Boron | 2.03E+00 | D | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW04 | 1/21/1999 | 0.0 | Boron | 1.94E+00 | DF | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW04 | 1/21/1999 | 0.0 | Boron | 2.00E+00 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW04 | 1/21/1999 | 0.0 | Boron | 2.02E+00 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW04 | 1/21/1999 | 0.0 | Fluoride | 3.86E+00 | D | 1.60E+00 | 4.00E+00 | 2.19E+00 | NMWQCC | YES |
| CMW04 | 1/21/1999 | 0.0 | Fluoride | 3.89E+00 | | 1.60E+00 | 4.00E+00 | 2.19E+00 | NMWQCC | YES |
| CMW04 | 10/22/1996 | 0.0 | Iron | 2.72E+00 | DJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW04 | 10/22/1996 | 0.0 | Iron | 1.52E+01 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW04 | 10/21/1998 | 0.0 | Sulfate | 2.10E+03 | | 6.00E+02 | NS | NS | NMWQCC | YES |
| CMW04 | 1/21/1999 | 0.0 | Sulfate | 1.17E+03 | D | 6.00E+02 | NS | NS | NMWQCC | YES |
| CMW04 | 1/21/1999 | 0.0 | Sulfate | 1.45E+03 | | 6.00E+02 | NS | NS | NMWQCC | YES |
| CMW06 | 10/29/1996 | 0.0 | Aluminum | 6.70E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW06 | 2/11/1997 | 0.0 | Aluminum | 1.27E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW06 | 10/29/1996 | 0.0 | Barium | 1.10E+00 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | YES |
| CMW06 | 2/11/1997 | 0.0 | Barium | 1.30E+00 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | YES |
| CMW06 | 1/29/1999 | 0.0 | Boron | 2.07E+00 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW06 | 2/1/1999 | 0.0 | Boron | 2.21E+00 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW06 | 10/29/1996 | 0.0 | Iron | 6.60E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW06 | 2/11/1997 | 0.0 | Iron | 9.56E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW06 | 1/29/1999 | 0.0 | Iron | 2.88E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW06 | 10/29/1996 | 0.0 | Manganese | 9.50E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW06 | 10/29/1996 | 0.0 | Manganese | 1.90E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW06 | 2/11/1997 | 0.0 | Manganese | 2.00E+00 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW06 | 2/11/1997 | 0.0 | Manganese | 2.30E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW06 | 1/29/1999 | 0.0 | Manganese | 7.42E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW06 | 2/1/1999 | 0.0 | Manganese | 7.87E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW07 | 10/19/1996 | 0.0 | Aluminum | 8.09E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW07 | 2/10/1997 | 0.0 | Aluminum | 5.23E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW07 | 10/20/1998 | 0.0 | Aluminum | 1.51E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW07 | 1/21/1999 | 0.0 | Aluminum | 1.50E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW07 | 1/21/1999 | 0.0 | Boron | 1.01E+00 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW07 | 1/21/1999 | 0.0 | Boron | 1.04E+00 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW07 | 1/21/1999 | 0.0 | Cadmium | 6.81E-03 | F | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | YES |
| CMW07 | 1/21/1999 | 0.0 | Fluoride | 2.19E+00 | | 1.60E+00 | 4.00E+00 | 2.19E+00 | NMWQCC | YES |
| CMW07 | 10/19/1996 | 0.0 | Iron | 4.34E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW07 | 2/10/1997 | 0.0 | Iron | 2.78E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW07 | 10/20/1998 | 0.0 | Iron | 7.23E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW07 | 1/21/1999 | 0.0 | Iron | 4.58E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW07 | 2/10/1997 | 0.0 | Manganese | 4.80E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW07 | 10/20/1998 | 0.0 | Manganese | 2.45E-01 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW07 | 1/21/1999 | 0.0 | Manganese | 3.56E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW10 | 1/25/1999 | 0.0 | Ammonia nitrogen | 5.57E-01 | F | NS | NS | 2.09E-01 | MSC | YES |
| CMW10 | 1/27/1999 | 0.0 | Ammonia nitrogen | 5.14E-01 | | NS | NS | 2.09E-01 | MSC | YES |
| CMW10 | 10/20/1998 | 0.0 | Chloride | 3.98E+02 | | 2.50E+02 | NS | NS | NMWQCC | YES |
| CMW10 | 2/11/1997 | 0.0 | Chromium | 1.81E-01 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW10 | 2/11/1997 | 0.0 | Chromium | 1.73E-01 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW10 | 10/20/1998 | 0.0 | Chromium | 2.82E-01 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW10 | 10/26/1998 | 0.0 | Chromium | 2.70E-01 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW10 | 1/23/1999 | 0.0 | Chromium | 1.99E-01 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW10 | 1/23/1999 | 0.0 | Chromium | 1.74E-01 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW10 | 2/11/1997 | 0.0 | Iron | 1.48E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW10 | 10/20/1998 | 0.0 | Selenium | 8.45E-02 | | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | YES |
| CMW10 | 10/26/1998 | 0.0 | Selenium | 8.21E-02 | F | 5.00E-02 | 5.00E-02 | 1.83E-01 | MCL | YES |
| CMW10 | 10/20/1998 | 0.0 | Sulfate | 1.23E+03 | | 6.00E+02 | NS | NS | NMWQCC | YES |
| CMW10 | 1/27/1999 | 0.0 | Sulfate | 7.27E+02 | J | 6.00E+02 | NS | NS | NMWQCC | YES |
| CMW14 | 10/20/1998 | 0.0 | Ammonia nitrogen | 1.50E+00 | FJ | NS | NS | 2.09E-01 | MSC | YES |
| CMW14 | 10/20/1998 | 0.0 | Ammonia nitrogen | 1.58E+00 | J | NS | NS | 2.09E-01 | MSC | YES |
| CMW14 | 1/25/1999 | 0.0 | Ammonia nitrogen | 3.12E-01 | F | NS | NS | 2.09E-01 | MSC | YES |
| CMW14 | 1/25/1999 | 0.0 | Ammonia nitrogen | 3.58E-01 | | NS | NS | 2.09E-01 | MSC | YES |
| CMW14 | 1/25/1999 | 0.0 | Boron | 1.05E+00 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW14 | 1/25/1999 | 0.0 | Boron | 9.51E-01 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW14 | 10/20/1998 | 0.0 | Chloride | 2.52E+02 | | 2.50E+02 | NS | NS | NMWQCC | YES |
| CMW14 | 10/29/1996 | 0.0 | Chromium | 9.52E-02 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW14 | 10/29/1996 | 0.0 | Chromium | 8.72E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW14 | 2/11/1997 | 0.0 | Chromium | 5.42E-02 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW14 | 10/20/1998 | 0.0 | Chromium | 1.42E-01 | FJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW14 | 10/20/1998 | 0.0 | Chromium | 1.13E-01 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW14 | 1/25/1999 | 0.0 | Chromium | 6.66E-02 | F | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW14 | 1/25/1999 | 0.0 | Chromium | 7.52E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW14 | 1/25/1999 | 0.0 | Sulfate | 1.00E+03 | J | 6.00E+02 | NS | NS | NMWQCC | YES |
| CMW16 | 10/22/1996 | 0.0 | Aluminum | 9.47E+00 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW16 | 2/10/1997 | 0.0 | Aluminum | 4.40E+01 | D | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW16 | 2/10/1997 | 0.0 | Aluminum | 4.62E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW16 | 10/21/1998 | 0.0 | Aluminum | 6.37E+00 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW16 | 7/27/2000 | 0.0 | Aluminum | 5.63E+00 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW16 | 10/17/2000 | 0.0 | Aluminum | 9.41E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW16 | 1/18/2001 | 0.0 | Aluminum | 1.07E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW16 | 1/22/1999 | 0.0 | Antimony | 1.02E-02 | F | NS | 6.00E-03 | 1.46E-02 | MCL | YES |
| CMW16 | 1/22/1999 | 0.0 | Antimony | 2.33E-02 | | NS | 6.00E-03 | 1.46E-02 | MCL | YES |
| CMW16 | 4/14/2000 | 0.0 | Antimony | 8.90E-03 | | NS | 6.00E-03 | 1.46E-02 | MCL | YES |
| CMW16 | 10/22/1996 | 0.0 | Iron | 4.67E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW16 | 2/10/1997 | 0.0 | Iron | 1.84E+01 | D | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW16 | 2/10/1997 | 0.0 | Iron | 1.91E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW16 | 10/21/1998 | 0.0 | Iron | 2.45E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW16 | 4/14/2000 | 0.0 | Iron | 1.50E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW16 | 7/27/2000 | 0.0 | Iron | 2.31E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW16 | 10/17/2000 | 0.0 | Iron | 3.28E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW16 | 1/18/2001 | 0.0 | Iron | 3.71E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW16 | 10/22/1996 | 0.0 | Manganese | 2.20E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW16 | 2/10/1997 | 0.0 | Manganese | 2.90E-01 | D | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW16 | 2/10/1997 | 0.0 | Manganese | 2.90E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW16 | 7/27/2000 | 0.0 | Manganese | 2.12E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW16 | 10/22/1996 | 0.0 | RDX | 1.73E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 2/10/1997 | 0.0 | RDX | 1.45E-02 | DJ | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 2/10/1997 | 0.0 | RDX | 1.32E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 10/21/1998 | 0.0 | RDX | 1.58E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 1/22/1999 | 0.0 | RDX | 1.24E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 1/27/2000 | 0.0 | RDX | 1.58E-02 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 1/27/2000 | 0.0 | RDX | 1.58E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 4/14/2000 | 0.0 | RDX | 1.58E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 10/17/2000 | 0.0 | RDX | 1.63E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 1/18/2001 | 0.0 | RDX | 1.54E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 4/25/2001 | 0.0 | RDX | 1.10E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 7/26/2001 | 0.0 | RDX | 1.11E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 10/9/2001 | 0.0 | RDX | 1.07E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 2/22/2002 | 0.0 | RDX | 1.20E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 5/2/2002 | 0.0 | RDX | 1.35E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 7/18/2002 | 0.0 | RDX | 1.28E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 7/18/2002 | 0.0 | RDX | 1.50E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 10/25/2002 | 0.0 | RDX | 1.40E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 1/30/2003 | 0.0 | RDX | 1.20E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 4/10/2003 | 0.0 | RDX | 1.20E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW16 | 9/1/2005 | 0.0 | RDX | 0.013 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW17 | 10/22/1998 | 0.0 | Aluminum | 5.88E+00 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW17 | 1/28/1999 | 0.0 | Aluminum | 8.82E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW17 | 10/22/1998 | 0.0 | Ammonia nitrogen | 2.51E-01 | | NS | NS | 2.09E-01 | MSC | YES |
| CMW17 | 1/28/1999 | 0.0 | Boron | 1.85E+00 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW17 | 1/28/1999 | 0.0 | Boron | 1.95E+00 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW17 | 1/28/1999 | 0.0 | Chromium | 5.86E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW17 | 10/19/1996 | 0.0 | Iron | 2.17E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW17 | 2/11/1997 | 0.0 | Iron | 2.20E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW17 | 10/22/1998 | 0.0 | Iron | 3.73E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW17 | 1/28/1999 | 0.0 | Iron | 4.63E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW17 | 1/28/1999 | 0.0 | Manganese | 7.67E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW17 | 1/28/1999 | 0.0 | Vanadium | 2.05E-01 | | NS | NS | 1.83E-01 | MSC | YES |
| CMW18 | 10/19/1996 | 0.0 | Aluminum | 6.38E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW18 | 10/20/1998 | 0.0 | Aluminum | 2.43E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW18 | 1/27/1999 | 0.0 | Aluminum | 2.14E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW18 | 4/17/2000 | 0.0 | Aluminum | 6.34E+00 | D | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW18 | 4/17/2000 | 0.0 | Aluminum | 1.04E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW18 | 7/27/2000 | 0.0 | Aluminum | 8.33E+00 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW18 | 10/19/2000 | 0.0 | Aluminum | 1.98E+01 | D | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW18 | 10/19/2000 | 0.0 | Aluminum | 2.11E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW18 | 1/17/2001 | 0.0 | Aluminum | 1.02E+01 | DJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW18 | 1/17/2001 | 0.0 | Aluminum | 1.85E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW18 | 10/19/1996 | 0.0 | Iron | 3.43E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW18 | 2/11/1997 | 0.0 | Iron | 1.48E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW18 | 10/20/1998 | 0.0 | Iron | 1.45E+01 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW18 | 1/27/1999 | 0.0 | Iron | 1.09E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW18 | 4/17/2000 | 0.0 | Iron | 3.78E+00 | D | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW18 | 4/17/2000 | 0.0 | Iron | 6.71E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW18 | 7/27/2000 | 0.0 | Iron | 4.17E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW18 | 10/19/2000 | 0.0 | Iron | 9.51E+00 | D | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW18 | 10/19/2000 | 0.0 | Iron | 1.03E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW18 | 1/17/2001 | 0.0 | Iron | 4.89E+00 | DJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW18 | 1/17/2001 | 0.0 | Iron | 8.79E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW18 | 10/20/1998 | 0.0 | Manganese | 4.45E-01 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW18 | 1/27/1999 | 0.0 | Manganese | 3.70E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW18 | 7/27/2000 | 0.0 | Manganese | 2.46E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW18 | 10/19/2000 | 0.0 | Manganese | 3.63E-01 | D | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW18 | 10/19/2000 | 0.0 | Manganese | 3.47E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW18 | 1/17/2001 | 0.0 | Manganese | 3.22E-01 | DJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW18 | 1/17/2001 | 0.0 | Manganese | 6.57E-01 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW18 | 2/11/1997 | 0.0 | RDX | 1.70E-01 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 10/20/1998 | 0.0 | RDX | 1.00E-01 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 1/27/1999 | 0.0 | RDX | 8.13E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 1/27/2000 | 0.0 | RDX | 9.74E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 4/17/2000 | 0.0 | RDX | 1.04E-01 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 4/17/2000 | 0.0 | RDX | 1.15E-01 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 10/19/2000 | 0.0 | RDX | 1.01E-01 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 10/19/2000 | 0.0 | RDX | 1.02E-01 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 1/22/2001 | 0.0 | RDX | 1.10E-01 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 1/22/2001 | 0.0 | RDX | 1.11E-01 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 4/25/2001 | 0.0 | RDX | 8.60E-02 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 4/25/2001 | 0.0 | RDX | 8.70E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 7/26/2001 | 0.0 | RDX | 6.96E-02 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 7/26/2001 | 0.0 | RDX | 7.40E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 10/12/2001 | 0.0 | RDX | 5.68E-02 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 10/12/2001 | 0.0 | RDX | 5.90E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 2/22/2002 | 0.0 | RDX | 5.58E-02 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 2/22/2002 | 0.0 | RDX | 5.33E-02 | | NS | NS | 6.11E-04 | MSC | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW18 | 5/3/2002 | 0.0 | RDX | 6.09E-02 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 5/3/2002 | 0.0 | RDX | 6.16E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 7/19/2002 | 0.0 | RDX | 7.50E-02 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 7/19/2002 | 0.0 | RDX | 6.90E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 7/19/2002 | 0.0 | RDX | 7.20E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 10/28/2002 | 0.0 | RDX | 6.90E-02 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 10/28/2002 | 0.0 | RDX | 6.90E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 1/31/2003 | 0.0 | RDX | 6.00E-02 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 1/31/2003 | 0.0 | RDX | 6.00E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 4/11/2003 | 0.0 | RDX | 5.80E-02 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 4/11/2003 | 0.0 | RDX | 5.90E-02 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 8/31/2005 | 0.0 | RDX | 0.086 | D | NS | NS | 6.11E-04 | MSC | YES |
| CMW18 | 8/31/2005 | 0.0 | RDX | 0.083 | | NS | NS | 6.11E-04 | MSC | YES |
| CMW19 | 2/10/1997 | 0.0 | Aluminum | 1.79E+02 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW19 | 10/22/1998 | 0.0 | Aluminum | 4.09E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW19 | 1/25/1999 | 0.0 | Aluminum | 7.39E+01 | D | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW19 | 1/25/1999 | 0.0 | Aluminum | 4.26E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW19 | 10/22/1998 | 0.0 | Ammonia nitrogen | 3.15E-01 | FJ | NS | NS | 2.09E-01 | MSC | YES |
| CMW19 | 10/22/1998 | 0.0 | Ammonia nitrogen | 4.52E-01 | | NS | NS | 2.09E-01 | MSC | YES |
| CMW19 | 1/25/1999 | 0.0 | Boron | 1.75E+00 | D | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW19 | 1/25/1999 | 0.0 | Boron | 1.66E+00 | DF | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW19 | 1/25/1999 | 0.0 | Boron | 1.79E+00 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW19 | 1/25/1999 | 0.0 | Boron | 1.71E+00 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW19 | 1/25/1999 | 0.0 | Chromium | 6.60E-02 | D | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW19 | 2/10/1997 | 0.0 | Iron | 1.01E+02 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW19 | 10/22/1998 | 0.0 | Iron | 1.89E+01 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW19 | 1/25/1999 | 0.0 | Iron | 3.61E+01 | D | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW19 | 1/25/1999 | 0.0 | Iron | 1.88E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW19 | 2/10/1997 | 0.0 | Lead | 2.59E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| CMW19 | 2/10/1997 | 0.0 | Manganese | 7.00E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW19 | 10/22/1998 | 0.0 | Manganese | 4.64E-01 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW19 | 1/25/1999 | 0.0 | Manganese | 8.62E-01 | D | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW19 | 1/25/1999 | 0.0 | Manganese | 3.43E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW19 | 10/22/1998 | 0.0 | Sulfate | 6.10E+02 | | 6.00E+02 | NS | NS | NMWQCC | YES |
| CMW19 | 1/25/1999 | 0.0 | Sulfate | 7.34E+02 | | 6.00E+02 | NS | NS | NMWQCC | YES |
| CMW20 | 10/29/1996 | 0.0 | Aluminum | 1.38E+02 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW20 | 2/11/1997 | 0.0 | Aluminum | 8.64E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW20 | 10/29/1996 | 0.0 | Barium | 1.60E+00 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | YES |
| CMW20 | 10/29/1996 | 0.0 | Iron | 8.17E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW20 | 2/11/1997 | 0.0 | Iron | 5.17E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW20 | 10/29/1996 | 0.0 | Lead | 4.83E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| CMW20 | 2/11/1997 | 0.0 | Lead | 2.30E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| CMW20 | 10/29/1996 | 0.0 | Manganese | 5.10E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW20 | 10/29/1996 | 0.0 | Manganese | 1.80E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW20 | 2/11/1997 | 0.0 | Manganese | 5.00E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW20 | 2/11/1997 | 0.0 | Manganese | 1.30E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW20 | 2/11/1997 | 0.0 | RDX | 7.15E-04 | | NS | NS | 6.11E-04 | MSC | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW21 | 10/23/1998 | 0.0 | Aluminum | 1.23E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW21 | 1/27/1999 | 0.0 | Aluminum | 9.27E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW21 | 4/17/2000 | 0.0 | Aluminum | 1.61E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW21 | 7/27/2000 | 0.0 | Aluminum | 1.06E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW21 | 10/18/2000 | 0.0 | Aluminum | 2.05E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW21 | 1/22/2001 | 0.0 | Aluminum | 5.42E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW21 | 1/31/2003 | 0.0 | Aluminum | 8.28E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW21 | 08/31/2005 | 0.0 | Aluminum | 7.66 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW21 | 10/23/1998 | 0.0 | Ammonia nitrogen | 4.56E-01 | FJ | NS | NS | 2.09E-01 | MSC | YES |
| CMW21 | 10/23/1998 | 0.0 | Ammonia nitrogen | 3.81E-01 | J | NS | NS | 2.09E-01 | MSC | YES |
| CMW21 | 1/27/1999 | 0.0 | Boron | 1.15E+00 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW21 | 1/27/1999 | 0.0 | Boron | 1.24E+00 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW21 | 1/27/1999 | 0.0 | Chromium | 6.61E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW21 | 1/31/2003 | 0.0 | Chromium | 5.08E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW21 | 10/23/1998 | 0.0 | Iron | 5.90E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 1/27/1999 | 0.0 | Iron | 3.83E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 1/27/2000 | 0.0 | Iron | 2.00E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 4/17/2000 | 0.0 | Iron | 8.72E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 7/27/2000 | 0.0 | Iron | 4.52E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 10/18/2000 | 0.0 | Iron | 8.06E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 1/22/2001 | 0.0 | Iron | 2.29E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 4/26/2001 | 0.0 | Iron | 1.15E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 7/24/2001 | 0.0 | Iron | 1.68E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 10/11/2001 | 0.0 | Iron | 1.56E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 2/21/2002 | 0.0 | Iron | 1.51E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 5/1/2002 | 0.0 | Iron | 1.16E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 7/18/2002 | 0.0 | Iron | 1.38E+00 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 7/18/2002 | 0.0 | Iron | 1.58E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 10/23/2002 | 0.0 | Iron | 1.04E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 1/31/2003 | 0.0 | Iron | 1.78E+00 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 1/31/2003 | 0.0 | Iron | 3.39E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 4/10/2003 | 0.0 | Iron | 1.08E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 08/31/2005 | 0.0 | Iron | 3.41 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW21 | 1/27/1999 | 0.0 | Lead | 1.86E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| CMW21 | 1/27/2000 | 0.0 | Lead | 1.72E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| CMW21 | 1/27/1999 | 0.0 | Manganese | 1.06E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW21 | 1/27/2000 | 0.0 | Manganese | 8.43E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW21 | 4/17/2000 | 0.0 | Manganese | 2.72E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW21 | 7/27/2000 | 0.0 | Manganese | 2.05E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW21 | 10/18/2000 | 0.0 | Manganese | 2.27E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW21 | 1/22/2001 | 0.0 | Manganese | 8.94E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW21 | 1/31/2003 | 0.0 | Manganese | 1.06E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW22 | 10/24/1998 | 0.0 | Aluminum | 7.97E+00 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 1/29/1999 | 0.0 | Aluminum | 2.26E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 1/27/2000 | 0.0 | Aluminum | 9.52E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 10/19/2000 | 0.0 | Aluminum | 2.57E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 4/27/2001 | 0.0 | Aluminum | 3.26E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW22 | 7/26/2001 | 0.0 | Aluminum | 1.43E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 10/11/2001 | 0.0 | Aluminum | 1.98E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 2/21/2002 | 0.0 | Aluminum | 3.74E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 5/2/2002 | 0.0 | Aluminum | 1.49E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 7/17/2002 | 0.0 | Aluminum | 9.88E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 10/24/2002 | 0.0 | Aluminum | 7.11E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 1/31/2003 | 0.0 | Aluminum | 5.66E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 08/29/2005 | 0.0 | Aluminum | 7.96 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 08/29/2005 | 0.0 | Aluminum | 24.1 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW22 | 10/24/1998 | 0.0 | Iron | 3.57E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 1/29/1999 | 0.0 | Iron | 7.77E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 1/27/2000 | 0.0 | Iron | 3.50E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 10/19/2000 | 0.0 | Iron | 8.77E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 4/27/2001 | 0.0 | Iron | 1.51E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 7/26/2001 | 0.0 | Iron | 4.92E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 10/11/2001 | 0.0 | Iron | 6.52E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 2/21/2002 | 0.0 | Iron | 1.42E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 5/2/2002 | 0.0 | Iron | 4.90E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 7/17/2002 | 0.0 | Iron | 3.40E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 10/24/2002 | 0.0 | Iron | 2.44E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 1/31/2003 | 0.0 | Iron | 2.06E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 4/8/2003 | 0.0 | Iron | 1.28E+00 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 08/29/2005 | 0.0 | Iron | 2.84 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 08/29/2005 | 0.0 | Iron | 8.74 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW22 | 1/29/1999 | 0.0 | Manganese | 2.89E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW22 | 1/27/2000 | 0.0 | Manganese | 3.50E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW22 | 10/19/2000 | 0.0 | Manganese | 2.68E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW22 | 4/27/2001 | 0.0 | Manganese | 7.67E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW22 | 10/11/2001 | 0.0 | Manganese | 2.35E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW22 | 2/21/2002 | 0.0 | Manganese | 7.24E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW22 | 08/29/2005 | 0.0 | Manganese | 0.332 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW23 | 10/22/1998 | 0.0 | Aluminum | 4.67E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 1/26/1999 | 0.0 | Aluminum | 1.82E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 7/27/2001 | 0.0 | Aluminum | 2.35E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 10/11/2001 | 0.0 | Aluminum | 3.29E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 2/21/2002 | 0.0 | Aluminum | 2.31E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 5/2/2002 | 0.0 | Aluminum | 9.29E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 5/2/2002 | 0.0 | Aluminum | 7.71E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 10/28/2002 | 0.0 | Aluminum | 6.63E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 10/28/2002 | 0.0 | Aluminum | 6.25E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 1/30/2003 | 0.0 | Aluminum | 3.37E+01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 1/30/2003 | 0.0 | Aluminum | 1.83E+02 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 4/10/2003 | 0.0 | Aluminum | 1.82E+01 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 4/10/2003 | 0.0 | Aluminum | 2.51E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 08/31/2005 | 0.0 | Aluminum | 15.7 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW23 | 10/22/1998 | 0.0 | Arsenic | 1.04E-02 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| CMW23 | 10/23/1998 | 0.0 | Arsenic | 1.01E-02 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW23 | 1/30/2003 | 0.0 | Beryllium | 5.72E-03 | | NS | 4.00E-03 | 7.30E-02 | MCL | YES |
| CMW23 | 10/22/1998 | 0.0 | Chromium | 6.51E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW23 | 1/26/1999 | 0.0 | Chromium | 5.25E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW23 | 1/30/2003 | 0.0 | Chromium | 6.71E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW23 | 1/26/1999 | 0.0 | Fluoride | 2.78E+00 | | 1.60E+00 | 4.00E+00 | 2.19E+00 | NMWQCC | YES |
| CMW23 | 10/22/1998 | 0.0 | Iron | 1.97E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 1/26/1999 | 0.0 | Iron | 6.48E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 7/27/2001 | 0.0 | Iron | 7.60E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 10/11/2001 | 0.0 | Iron | 1.46E+00 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 10/11/2001 | 0.0 | Iron | 1.04E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 2/21/2002 | 0.0 | Iron | 7.57E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 5/2/2002 | 0.0 | Iron | 2.94E+00 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 5/2/2002 | 0.0 | Iron | 2.38E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 10/28/2002 | 0.0 | Iron | 2.16E+00 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 10/28/2002 | 0.0 | Iron | 1.97E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 1/30/2003 | 0.0 | Iron | 1.16E+01 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 1/30/2003 | 0.0 | Iron | 6.70E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 4/10/2003 | 0.0 | Iron | 6.12E+00 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 4/10/2003 | 0.0 | Iron | 8.90E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 08/31/2005 | 0.0 | Iron | 5.85 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW23 | 10/22/1998 | 0.0 | Lead | 4.04E-02 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| CMW23 | 1/30/2003 | 0.0 | Lead | 4.37E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| CMW23 | 10/22/1998 | 0.0 | Manganese | 3.83E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW23 | 1/30/2003 | 0.0 | Manganese | 2.36E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW23 | 1/30/2003 | 0.0 | Manganese | 1.59E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW23 | 1/30/2003 | 0.0 | Nitrite | 1.33E+00 | | NS | 1.00E+00 | 1.00E+00 | MCL | YES |
| CMW23 | 10/23/1998 | 0.0 | Sulfate | 1.28E+03 | | 6.00E+02 | NS | NS | NMWQCC | YES |
| CMW24 | 2/1/1999 | 0.0 | Boron | 1.85E+00 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW24 | 2/1/1999 | 0.0 | Boron | 1.75E+00 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW24 | 10/29/1998 | 0.0 | Chloride | 3.33E+02 | | 2.50E+02 | NS | NS | NMWQCC | YES |
| CMW24 | 2/1/1999 | 0.0 | Chloride | 3.33E+02 | | 2.50E+02 | NS | NS | NMWQCC | YES |
| CMW24 | 10/29/1998 | 0.0 | Iron | 1.30E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 10/24/1998 | 0.0 | Aluminum | 6.91E+01 | DJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW25 | 10/24/1998 | 0.0 | Aluminum | 1.62E+02 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW25 | 7/27/2000 | 0.0 | Aluminum | 9.74E+00 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW25 | 10/17/2000 | 0.0 | Aluminum | 6.10E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW25 | 1/19/2001 | 0.0 | Aluminum | 4.92E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW25 | 4/27/2001 | 0.0 | Aluminum | 1.17E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW25 | 7/17/2002 | 0.0 | Aluminum | 6.20E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW25 | 1/31/2003 | 0.0 | Aluminum | 6.60E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW25 | 4/9/2003 | 0.0 | Aluminum | 1.18E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW25 | 08/31/2005 | 0.0 | Aluminum | 16.6 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| CMW25 | 1/27/1999 | 0.0 | Boron | 8.77E-01 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW25 | 1/27/1999 | 0.0 | Boron | 8.62E-01 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| CMW25 | 1/31/2003 | 0.0 | Cadmium | 2.27E-02 | | 1.00E-02 | 5.00E-03 | 1.83E-02 | MCL | YES |
| CMW25 | 10/24/1998 | 0.0 | Chromium | 8.79E-02 | DJ | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW25 | 10/24/1998 | 0.0 | Chromium | 1.80E-01 | J | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| CMW25 | 1/31/2003 | 0.0 | Chromium | 5.38E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| CMW25 | 10/24/1998 | 0.0 | Iron | 2.87E+01 | DJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 10/24/1998 | 0.0 | Iron | 6.46E+01 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 1/27/1999 | 0.0 | Iron | 1.53E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 7/27/2000 | 0.0 | Iron | 6.46E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 10/17/2000 | 0.0 | Iron | 2.28E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 1/19/2001 | 0.0 | Iron | 1.86E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 4/27/2001 | 0.0 | Iron | 4.91E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 7/24/2001 | 0.0 | Iron | 1.11E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 10/12/2001 | 0.0 | Iron | 1.29E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 7/17/2002 | 0.0 | Iron | 1.91E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 1/31/2003 | 0.0 | Iron | 1.15E+00 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 1/31/2003 | 0.0 | Iron | 2.39E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 4/9/2003 | 0.0 | Iron | 1.70E+00 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 4/9/2003 | 0.0 | Iron | 4.43E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 08/31/2005 | 0.0 | Iron | 6.44 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| CMW25 | 10/24/1998 | 0.0 | Lead | 3.24E-02 | J | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| CMW25 | 10/24/1998 | 0.0 | Manganese | 4.82E-01 | DJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW25 | 10/24/1998 | 0.0 | Manganese | 1.58E+00 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW25 | 10/17/2000 | 0.0 | Manganese | 4.93E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW25 | 1/19/2001 | 0.0 | Manganese | 3.82E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| CMW25 | 1/31/2003 | 0.0 | Manganese | 5.55E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| FW38 | 11/19/1993 | 0.0 | Aluminum | 5.74E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| FW38 | 10/28/1996 | 0.0 | Aluminum | 1.37E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| FW38 | 2/11/1997 | 0.0 | Aluminum | 1.72E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| FW38 | 11/19/1993 | 0.0 | Iron | 6.07E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| FW38 | 10/28/1996 | 0.0 | Iron | 1.92E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| FW38 | 2/11/1997 | 0.0 | Iron | 1.76E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| FW38 | 2/11/1997 | 0.0 | Lead | 2.31E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| FW38 | 11/19/1993 | 0.0 | Manganese | 3.04E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| FW38 | 10/28/1996 | 0.0 | Manganese | 3.10E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| FW38 | 10/28/1996 | 0.0 | Manganese | 6.90E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| FW38 | 2/11/1997 | 0.0 | Manganese | 4.10E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| FW38 | 11/19/1993 | 0.0 | Nickel | 4.39E-01 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | YES |
| KMW09 | 10/23/1998 | 0.0 | Aluminum | 1.05E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW09 | 1/27/2000 | 0.0 | Aluminum | 5.51E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW09 | 7/27/2000 | 0.0 | Aluminum | 5.36E+00 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW09 | 1/19/2001 | 0.0 | Aluminum | 4.95E+02 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW09 | 1/30/2003 | 0.0 | Aluminum | 8.66E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW09 | 4/10/2003 | 0.0 | Aluminum | 3.08E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW09 | 08/30/2005 | 0.0 | Aluminum | 109 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW09 | 10/23/1998 | 0.0 | Ammonia nitrogen | 9.61E-01 | FJ | NS | NS | 2.09E-01 | MSC | YES |
| KMW09 | 10/23/1998 | 0.0 | Ammonia nitrogen | 6.83E-01 | J | NS | NS | 2.09E-01 | MSC | YES |
| KMW09 | 1/26/1999 | 0.0 | Ammonia nitrogen | 7.16E-01 | F | NS | NS | 2.09E-01 | MSC | YES |
| KMW09 | 1/26/1999 | 0.0 | Ammonia nitrogen | 7.59E-01 | | NS | NS | 2.09E-01 | MSC | YES |
| KMW09 | 1/19/2001 | 0.0 | Arsenic | 3.37E-02 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| KMW09 | 08/30/2005 | 0.0 | Arsenic | 0.0131 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW09 | 1/19/2001 | 0.0 | Barium | 1.05E+00 | | 1.00E+00 | 2.00E+00 | 7.30E+00 | NMWQCC | YES |
| KMW09 | 1/19/2001 | 0.0 | Beryllium | 1.79E-02 | | NS | 4.00E-03 | 7.30E-02 | MCL | YES |
| KMW09 | 1/19/2001 | 0.0 | Chromium | 8.11E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| KMW09 | 1/30/2003 | 0.0 | Chromium | 5.70E-02 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| KMW09 | 4/10/2003 | 0.0 | Chromium | 3.48E-01 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| KMW09 | 08/30/2005 | 0.0 | Chromium | 0.0715 | | 5.00E-02 | 1.00E-01 | NS | NMWQCC | YES |
| KMW09 | 1/19/2001 | 0.0 | Cobalt | 7.84E-02 | | 5.00E-02 | NS | 7.30E-01 | NMWQCC | YES |
| KMW09 | 10/23/1998 | 0.0 | Iron | 1.06E+01 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW09 | 1/27/2000 | 0.0 | Iron | 8.30E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW09 | 4/17/2000 | 0.0 | Iron | 2.38E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW09 | 7/27/2000 | 0.0 | Iron | 6.18E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW09 | 10/18/2000 | 0.0 | Iron | 2.13E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW09 | 1/19/2001 | 0.0 | Iron | 2.27E+02 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW09 | 1/30/2003 | 0.0 | Iron | 4.12E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW09 | 4/10/2003 | 0.0 | Iron | 1.57E+00 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW09 | 4/10/2003 | 0.0 | Iron | 1.77E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW09 | 08/30/2005 | 0.0 | Iron | 55.1 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW09 | 1/27/2000 | 0.0 | Lead | 2.35E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| KMW09 | 1/19/2001 | 0.0 | Lead | 2.28E-01 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| KMW09 | 1/30/2003 | 0.0 | Lead | 2.60E-02 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| KMW09 | 08/30/2005 | 0.0 | Lead | 0.046 | | 5.00E-02 | 1.50E-02 | 1.50E-02 | MCL | YES |
| KMW09 | 10/23/1998 | 0.0 | Manganese | 2.27E-01 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW09 | 1/27/2000 | 0.0 | Manganese | 6.55E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW09 | 7/27/2000 | 0.0 | Manganese | 3.76E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW09 | 10/18/2000 | 0.0 | Manganese | 2.09E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW09 | 1/19/2001 | 0.0 | Manganese | 4.53E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW09 | 1/30/2003 | 0.0 | Manganese | 9.06E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW09 | 4/10/2003 | 0.0 | Manganese | 3.08E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW09 | 08/30/2005 | 0.0 | Manganese | 1.07 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW09 | 4/10/2003 | 0.0 | Nickel | 3.00E-01 | | 2.00E-01 | NS | 7.30E-01 | NMWQCC | YES |
| KMW09 | 10/23/1998 | 0.0 | Sulfate | 1.73E+03 | | 6.00E+02 | NS | NS | NMWQCC | YES |
| KMW09 | 1/26/1999 | 0.0 | Sulfate | 1.46E+03 | | 6.00E+02 | NS | NS | NMWQCC | YES |
| KMW10 | 2/11/1997 | 0.0 | Aluminum | 1.40E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW10 | 10/21/1998 | 0.0 | Aluminum | 1.26E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW10 | 1/25/1999 | 0.0 | Aluminum | 6.46E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW10 | 10/21/1998 | 0.0 | Ammonia nitrogen | 1.04E+00 | J | NS | NS | 2.09E-01 | MSC | YES |
| KMW10 | 1/25/1999 | 0.0 | Ammonia nitrogen | 5.71E-01 | | NS | NS | 2.09E-01 | MSC | YES |
| KMW10 | 2/11/1997 | 0.0 | Iron | 8.05E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW10 | 10/21/1998 | 0.0 | Iron | 8.53E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW10 | 1/25/1999 | 0.0 | Iron | 2.85E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW10 | 2/11/1997 | 0.0 | Manganese | 2.30E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW10 | 10/21/1998 | 0.0 | Manganese | 2.29E-01 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW11 | 10/24/1996 | 0.0 | Aluminum | 7.91E+00 | F | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW11 | 10/24/1996 | 0.0 | Aluminum | 6.19E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW11 | 2/11/1997 | 0.0 | Aluminum | 2.98E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW11 | 10/24/1998 | 0.0 | Aluminum | 3.28E+01 | DJ | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW11 | 10/24/1998 | 0.0 | Aluminum | 2.37E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW11 | 10/24/1996 | 0.0 | Arsenic | 1.25E-02 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| KMW11 | 10/24/1996 | 0.0 | Arsenic | 1.27E-02 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| KMW11 | 2/11/1997 | 0.0 | Arsenic | 2.01E-02 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| KMW11 | 2/11/1997 | 0.0 | Arsenic | 1.98E-02 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| KMW11 | 10/24/1998 | 0.0 | Arsenic | 2.05E-02 | DFJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| KMW11 | 10/24/1998 | 0.0 | Arsenic | 1.94E-02 | DJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| KMW11 | 10/24/1998 | 0.0 | Arsenic | 2.07E-02 | FJ | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| KMW11 | 10/24/1998 | 0.0 | Arsenic | 1.92E-02 | J | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| KMW11 | 1/27/1999 | 0.0 | Arsenic | 1.72E-02 | F | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| KMW11 | 1/27/1999 | 0.0 | Arsenic | 1.67E-02 | | 1.00E-01 | 1.00E-02 | 4.48E-05 | MCL | YES |
| KMW11 | 1/27/1999 | 0.0 | Boron | 1.50E+00 | F | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| KMW11 | 1/27/1999 | 0.0 | Boron | 1.49E+00 | | 7.50E-01 | NS | 7.30E+00 | NMWQCC | YES |
| KMW11 | 10/24/1996 | 0.0 | Iron | 4.47E+00 | FJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW11 | 10/24/1996 | 0.0 | Iron | 3.63E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW11 | 2/11/1997 | 0.0 | Iron | 1.79E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW11 | 10/24/1998 | 0.0 | Iron | 2.06E+01 | DJ | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW11 | 10/24/1998 | 0.0 | Iron | 1.36E+01 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW11 | 10/24/1996 | 0.0 | Manganese | 2.90E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW11 | 10/24/1998 | 0.0 | Manganese | 5.72E-01 | DJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW11 | 10/24/1998 | 0.0 | Manganese | 3.66E-01 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW11 | 10/24/1996 | 0.0 | Vanadium | 2.20E-01 | | NS | NS | 1.83E-01 | MSC | YES |
| KMW11 | 2/11/1997 | 0.0 | Vanadium | 2.00E-01 | F | NS | NS | 1.83E-01 | MSC | YES |
| KMW11 | 2/11/1997 | 0.0 | Vanadium | 2.30E-01 | | NS | NS | 1.83E-01 | MSC | YES |
| KMW11 | 10/24/1998 | 0.0 | Vanadium | 2.60E-01 | D | NS | NS | 1.83E-01 | MSC | YES |
| KMW11 | 10/24/1998 | 0.0 | Vanadium | 1.99E-01 | DF | NS | NS | 1.83E-01 | MSC | YES |
| KMW11 | 10/24/1998 | 0.0 | Vanadium | 1.98E-01 | F | NS | NS | 1.83E-01 | MSC | YES |
| KMW11 | 10/24/1998 | 0.0 | Vanadium | 2.42E-01 | | NS | NS | 1.83E-01 | MSC | YES |
| KMW11 | 1/27/1999 | 0.0 | Vanadium | 1.91E-01 | F | NS | NS | 1.83E-01 | MSC | YES |
| KMW11 | 1/27/1999 | 0.0 | Vanadium | 1.98E-01 | | NS | NS | 1.83E-01 | MSC | YES |
| KMW12 | 10/26/1998 | 0.0 | Aluminum | 1.21E+01 | J | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW12 | 1/26/1999 | 0.0 | Aluminum | 2.20E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW12 | 4/18/2000 | 0.0 | Aluminum | 9.03E+00 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW12 | 7/28/2000 | 0.0 | Aluminum | 1.07E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW12 | 10/19/2000 | 0.0 | Aluminum | 4.52E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW12 | 1/19/2001 | 0.0 | Aluminum | 2.23E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW12 | 1/30/2003 | 0.0 | Aluminum | 3.60E+01 | | 5.00E+00 | NS | 3.65E+01 | NMWQCC | YES |
| KMW12 | 10/26/1998 | 0.0 | Ammonia nitrogen | 5.30E-01 | J | NS | NS | 2.09E-01 | MSC | YES |
| KMW12 | 10/27/1998 | 0.0 | Ammonia nitrogen | 4.53E-01 | FJ | NS | NS | 2.09E-01 | MSC | YES |
| KMW12 | 1/26/1999 | 0.0 | Ammonia nitrogen | 5.47E-01 | F | NS | NS | 2.09E-01 | MSC | YES |
| KMW12 | 1/26/1999 | 0.0 | Ammonia nitrogen | 5.45E-01 | | NS | NS | 2.09E-01 | MSC | YES |
| KMW12 | 10/26/1998 | 0.0 | Iron | 1.36E+01 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW12 | 1/26/1999 | 0.0 | Iron | 1.20E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW12 | 1/27/2000 | 0.0 | Iron | 1.47E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW12 | 4/18/2000 | 0.0 | Iron | 1.29E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW12 | 7/28/2000 | 0.0 | Iron | 1.32E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW12 | 10/19/2000 | 0.0 | Iron | 2.21E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW12 | 1/19/2001 | 0.0 | Iron | 1.24E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW12 | 1/30/2003 | 0.0 | Iron | 2.41E+00 | F | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW12 | 1/30/2003 | 0.0 | Iron | 1.86E+01 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW12 | 08/30/2005 | 0.0 | Iron | 3.11 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW12 | 10/26/1998 | 0.0 | Manganese | 6.51E-01 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 10/27/1998 | 0.0 | Manganese | 4.64E-01 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 1/26/1999 | 0.0 | Manganese | 7.90E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 1/26/1999 | 0.0 | Manganese | 8.56E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 1/27/2000 | 0.0 | Manganese | 9.25E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 1/27/2000 | 0.0 | Manganese | 8.60E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 4/18/2000 | 0.0 | Manganese | 7.90E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 7/28/2000 | 0.0 | Manganese | 7.35E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 7/28/2000 | 0.0 | Manganese | 7.22E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 10/19/2000 | 0.0 | Manganese | 8.63E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 10/19/2000 | 0.0 | Manganese | 1.12E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 1/19/2001 | 0.0 | Manganese | 7.95E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 1/19/2001 | 0.0 | Manganese | 9.01E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 4/27/2001 | 0.0 | Manganese | 9.87E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 4/27/2001 | 0.0 | Manganese | 9.90E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 7/25/2001 | 0.0 | Manganese | 9.36E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 7/25/2001 | 0.0 | Manganese | 9.25E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 10/10/2001 | 0.0 | Manganese | 9.72E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 10/10/2001 | 0.0 | Manganese | 9.79E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 2/19/2002 | 0.0 | Manganese | 1.03E+00 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 2/19/2002 | 0.0 | Manganese | 1.03E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 5/1/2002 | 0.0 | Manganese | 1.09E+00 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 5/1/2002 | 0.0 | Manganese | 1.09E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 7/15/2002 | 0.0 | Manganese | 1.21E+00 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 7/15/2002 | 0.0 | Manganese | 1.20E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 10/22/2002 | 0.0 | Manganese | 1.32E+00 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 10/22/2002 | 0.0 | Manganese | 1.31E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 1/30/2003 | 0.0 | Manganese | 8.83E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 1/30/2003 | 0.0 | Manganese | 1.03E+00 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 4/10/2003 | 0.0 | Manganese | 5.83E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 4/10/2003 | 0.0 | Manganese | 4.61E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 08/30/2005 | 0.0 | Manganese | 0.724 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 08/30/2005 | 0.0 | Manganese | 0.762 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW12 | 10/27/1998 | 0.0 | Sulfate | 1.94E+03 | | 6.00E+02 | NS | NS | NMWQCC | YES |
| KMW12 | 1/26/1999 | 0.0 | Sulfate | 1.54E+03 | J | 6.00E+02 | NS | NS | NMWQCC | YES |
| KMW13 | 1/28/1999 | 0.0 | Ammonia nitrogen | 2.54E-01 | | NS | NS | 2.09E-01 | MSC | YES |
| KMW13 | 10/23/1998 | 0.0 | Iron | 4.22E+00 | J | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW13 | 1/26/1999 | 0.0 | Iron | 1.05E+00 | | 1.00E+00 | NS | 2.56E+01 | NMWQCC | YES |
| KMW13 | 10/23/1998 | 0.0 | Manganese | 3.78E-01 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW13 | 10/23/1998 | 0.0 | Manganese | 5.22E-01 | J | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW13 | 1/26/1999 | 0.0 | Manganese | 3.79E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW13 | 1/27/1999 | 0.0 | Manganese | 3.79E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW13 | 1/26/2000 | 0.0 | Manganese | 3.52E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW13 | 1/26/2000 | 0.0 | Manganese | 3.42E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |

***Table 6-4***
***Summary of Detected Constituents in Ground Water Exceeding Cleanup Levels, OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/L) | Report Flag | NMWQCC Standard (mg/L) | USEPA MCL (mg/L) | USEPA Region VI MSSL (mg/L) | Standard Used | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KMW13 | 10/19/2000 | 0.0 | Manganese | 2.89E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW13 | 1/22/2001 | 0.0 | Manganese | 2.21E-01 | F | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW13 | 4/25/2001 | 0.0 | Manganese | 2.34E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW13 | 4/27/2001 | 0.0 | Manganese | 2.32E-01 | FJ | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW13 | 7/25/2001 | 0.0 | Manganese | 2.01E-01 | | 2.00E-01 | NS | 1.70E+00 | NMWQCC | YES |
| KMW13 | 1/28/1999 | 0.0 | Nitrite | 1.26E+00 | | NS | 1.00E+00 | 1.00E+00 | MCL | YES |
| KMW13 | 10/22/1998 | 0.0 | Sulfate | 3.15E+03 | | 6.00E+02 | NS | NS | NMWQCC | YES |

**Notes:**
feet bgs - feet below ground surface
MCL - Maximum Contaminant Level
mg/l - milligram per liter
MSC - Medium Specific Concentration
NMWQCC - New Mexico Water Quality Control Commission
NS - no standard
USEPA - US Environmental Protection Agency
**Flag Codes:**
D - Duplicate
F - Filtered Sampled
J - Estimated Concetration

***Table 6-5***
***Proposed Monitoring Wells***
***OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Monitoring Well Identification | Estimated Depth (feet) | Geologic Unit | Monitoring Well Location Rationale |
|---|---|---|---|
| **Northern Area** | | | |
| CMW26 | 150 | Trps | Establish and define the extent of explosives detected in the Sonsela Sandstone member water-bearing zone and determine presence/absence of off-site migration. Forms a well pair with existing well CMW25 (Trpp). |
| CMW27 | 300 | Trpp | Establish and define the extent of explosives detected in the Painted Desert member first water-bearing zone and determine presence/absence of off-site migration. Forms well pair with proposed CMW28 (Trps). |
| CMW28 | 500 | Trps | Establish and define the extent of explosives detected in the Sonsela Sandstone member water-bearing zone and determine presence/absence of off-site migration. Forms well pair with proposed CMW 27 (Trpp). |
| CMW29 | 150 | Trps | Establish and define the extent of explosives detected in the Sonsela Sandstone member water-bearing zone and determine presence/absence of off-site migration. Forms well pair with proposed CMW30 (Trpp). |
| CMW30 | 100 | Trpp | Establish and define the extent of explosives detected in the Painted Desert member first water-bearing zone and determine presence/absence of off-site migration. Forms well pair with proposed CMW29 (Trps). |
| CMW31 | 100 | Trps | Establish and define the extent of explosives detected in the Sonsela Sandstone member water-bearing zone and determine presence/absence of off-site migration. Forms well pair with proposed CMW32 (Trpp). |
| CMW32 | 80 | Trpp | Establish and define the extent of explosives detected in the Painted Desert member first water-bearing zone and determine presence/absence of off-site migration. Forms well pair with proposed CMW31 (Trps). |

***Table 6-5***
***Proposed Monitoring Wells***
***OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Monitoring Well Identification | Estimated Depth (feet) | Geologic Unit | Monitoring Well Location Rationale |
|---|---|---|---|
| **Northern Area (Continued)** | | | |
| CMW33 | 125 | Trps | Establish and define the extent of explosives detected in the Sonsela Sandstone member water-bearing zon Forms well pair with proposed CMW34 (Trpp). |
| CMW34 | 80 | Trpp | Establish and define the extent of explosives detected in the Painted Desert member first water-bearing zon Forms well pair with proposed CMW33 (Trps). |
| CMW35 | 500 | Trps | Establish and define the extent of explosives detected in the Sonsela Sandstone member water-bearing zon Forms well pair with proposed CMW36 (Trpp). |
| CMW36 | 300 | Trpp | Establish and define the extent of explosives detected in the Painted Desert member first water-bearing zon Forms well pair with proposed CMW35 (Trps). |
| CMW37 | 80 | Trpp | Establish and define the extent of explosives detected in the Painted Desert member first water-bearing zon Forms well pair with existing CMW23 (Trps). |
| CMW38 | 80 | Trpp | Establish and define the extent of explosives detected in the Painted Desert member first water-bearing zon Forms well pair with existing CMW22 (Trps). |
| CMW39 | 80 | Trpp | Establish and define the extent of explosives detected in the Painted Desert member first water-bearing zon Forms well pair with proposed CMW40 (Trps). |
| CMW40 | 120 | Trps | Establish and define the extent of explosives detected in the Sonsela Sandstone member water-bearing zon Forms well pair with proposed CMW39 (Trpp). |

***Table 6-5***
***Proposed Monitoring Wells***
***OB/OD Unit and Parcel 3 SWMUs***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Monitoring Well Identification | Estimated Depth (feet) | Geologic Unit | Monitoring Well Location Rationale |
|---|---|---|---|
| **OB/OD Unit** | | | |
| CMW41 | 120 | Trps | Establish and define the extent of explosives detected in the Sonsela Sandstone member water-bearing zon Forms well pair with existing CMW19 (Trpp). |
| CMW42 | 55 | Trps | Establish and define the extent of explosives detected in the Sonsela Sandstone member water-bearing zone and determine presence/absence of off-site migration. |
| CMW43 | 55 | Trps | Establish and define the extent of explosives detected in the Sonsela Sandstone member water-bearing zone and determine presence/absence of off-site migration. |
| CMW44 | 850 | Psa/Pg | Establish and define the presence/absence of explosives in the San Andres Limestone/Glorieta Sandstone formation water-bearing zone. |
| CMW45 | 120 | Various | Investigate potential interconnection of saturated intervals and/or fractures, relative to ground water identified at CMW14, CMW 17, CMW18. |
| CMW46 | 120 | Various | Investigate potential interconnection of saturated intervals and/or fractures, relative to ground water identified at CMW10, FW38. |
| CMW47 | 120 | Various | Investigate potential interconnection of saturated intervals and/or fractures, relative to ground water identified at CMW20. |
| CMW48 | 120 | Various | Investigate potential interconnection of saturated intervals and/or fractures, relative to ground water identified at CMW06, CMW07. |

**Notes:**

Psa/Pg - San Andres Limestone / Glorieta Sandstone
Trps - Sonsela Sandstone member of the Petrified Forest Formation
Trpp - Painted Desert member of the Petrified Forest Formation

# *7.0 SWMU 74*

## *7.1 BACKGROUND*

### *7.1.1 Location, Description, and Operational History*

SWMU 74 is identified in the Permit as Area 16 or Site 16 (Proposed Burning Ground). The designation comes from the Archive Search Report (ASR) (see Section 3.2.2 of the companion SRHI) prepared by USACE. As described in the ASR (USACE, 1995, Table 1 and Section 7.3.16, page 7-6), "Site 16" was a "proposed burning ground from 1958 map". SWMU 74 is shown in Figure 2-3 and Figure 7-1.

There are no records showing a burning ground was established at "Site 16," and the ASR concluded that no burning ground was ever placed in this location, and no further action was recommended by the ASR.

### *7.1.2 Site Conditions*

SWMU 74 is located approximately 1 mile east of the OB/OD Unit HWMU, in an open area near an arroyo. As shown in Figures 3-1 and 3-2, SWMU 74 is located in a separate watershed from the OB/OD Unit HWMU and remaining SWMUs and AOCs.

A soils map for Parcel 3 is included in Figure 3-4. Subsurface conditions at SWMU 74 have not been characterized.

## *7.2 PREVIOUS INVESTIGATIONS*

Previous investigations conducted for SMWU 74 are described in the companion SRHI for Parcel 3.

## *7.3 EVALUATION OF DATA FROM PREVIOUS INVESTIGATIONS*

No environmental data have been collected within or around SWMU 74.

Based on previous site reconnaissance of SWMU 74, no observations were recorded indicating the area was ever used as a burning ground.

## *7.4 SCOPE OF ACTIVITIES*

The purpose of this section is to describe the types of activities that will be conducted in and around SWMU 74 during implementation of this Work Plan. Proposed activities are summarized in Table 4-8 and presented in Figure 7-1.

As described in Section 2.3.3.2, MEC and UXO may be encountered during performance of the investigations below. The procedures and methodologies described in Section 12.0 must be strictly adhered to in order to safely conduct these investigations IAW Army and DOD safety requirements.

The Army plans to conduct a WAA using aerial geophysics to collect additional data regarding potential distribution of MEC; this WAA is planned for completion in 2008 and data from that investigation may be incorporated into later versions of this Work Plan.

As shown in Figure 7-2, the following decision tree is proposed for the survey area:

- If the aerial geophysics determines the presence of suspected waste, those areas will be addressed during a future investigation
- If the aerial geophysics does not detect the presence of suspected waste or are otherwise inconclusive, a ground geophysical investigation, as discussed below, will be completed to verify the findings of the aerial survey.
- If the ground geophysical survey determines the presence of suspected waste, those areas will be addressed during a future investigation.
- If the ground geophysical survey does not detect suspected waste, the site will be considered not impacted and no further work will be proposed.

As previously discussed, geophysical investigations (in the form of DGM) are planned within and around the SWMU 74. DGM will be completed if the results of the aerial survey do not detect the presence of suspected waste or are otherwise inconclusive. The objective of these investigations is to attempt to demonstrate that areas of subsurface wastes do not exist within SWMU 74. As shown in Figure 7-1, the area proposed for DGM contains the area where the previous handheld magnetometer investigation was performed; additional area has been included in an attempt to document completely that the area was not used as a burning ground and that no waste materials are present.

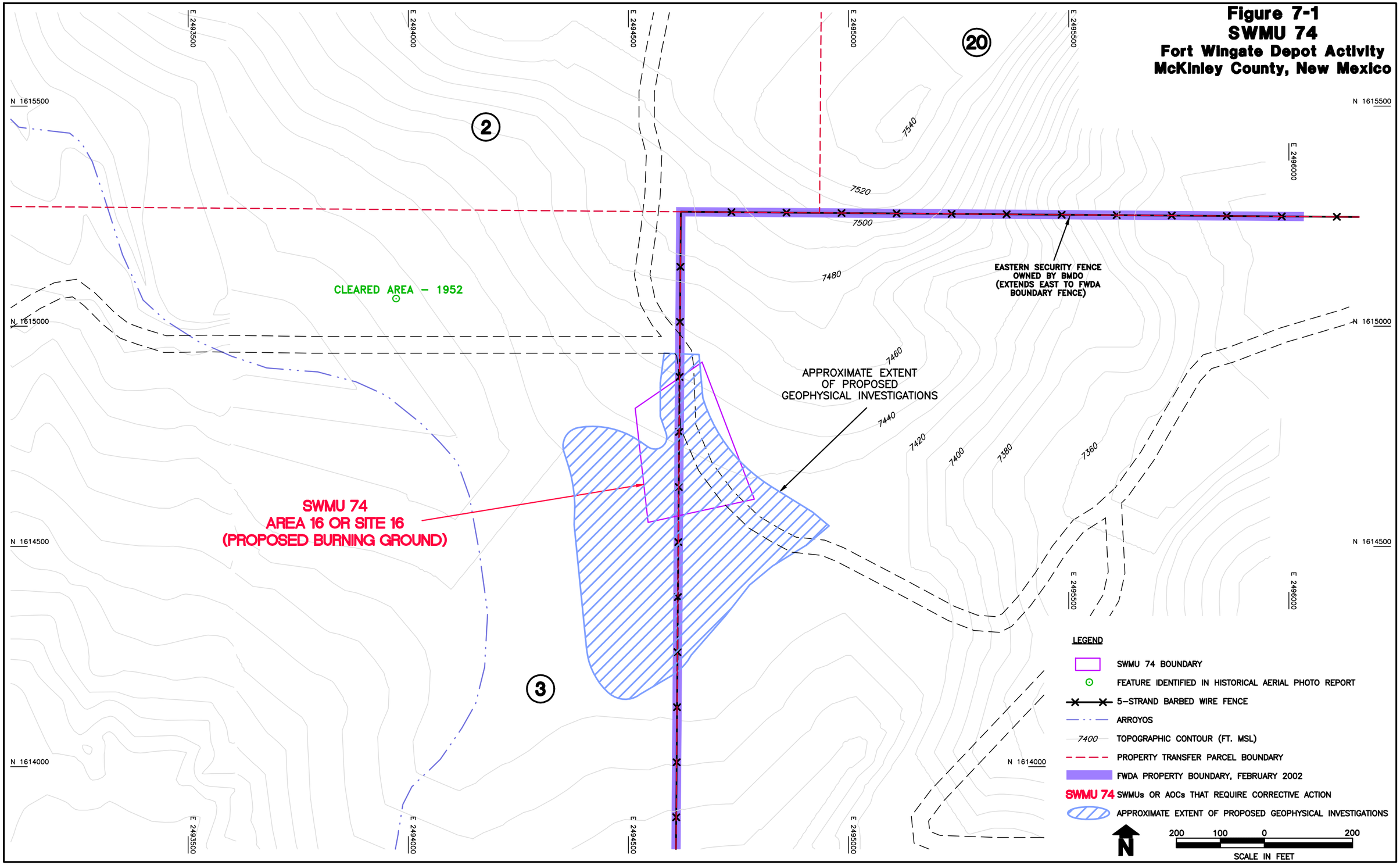
Geophysical investigation will follow the methodologies presented in Section 12.3.

If areas of suspected subsurface waste (not previously identified) are identified during DGM, those areas will be addressed during a future investigation.

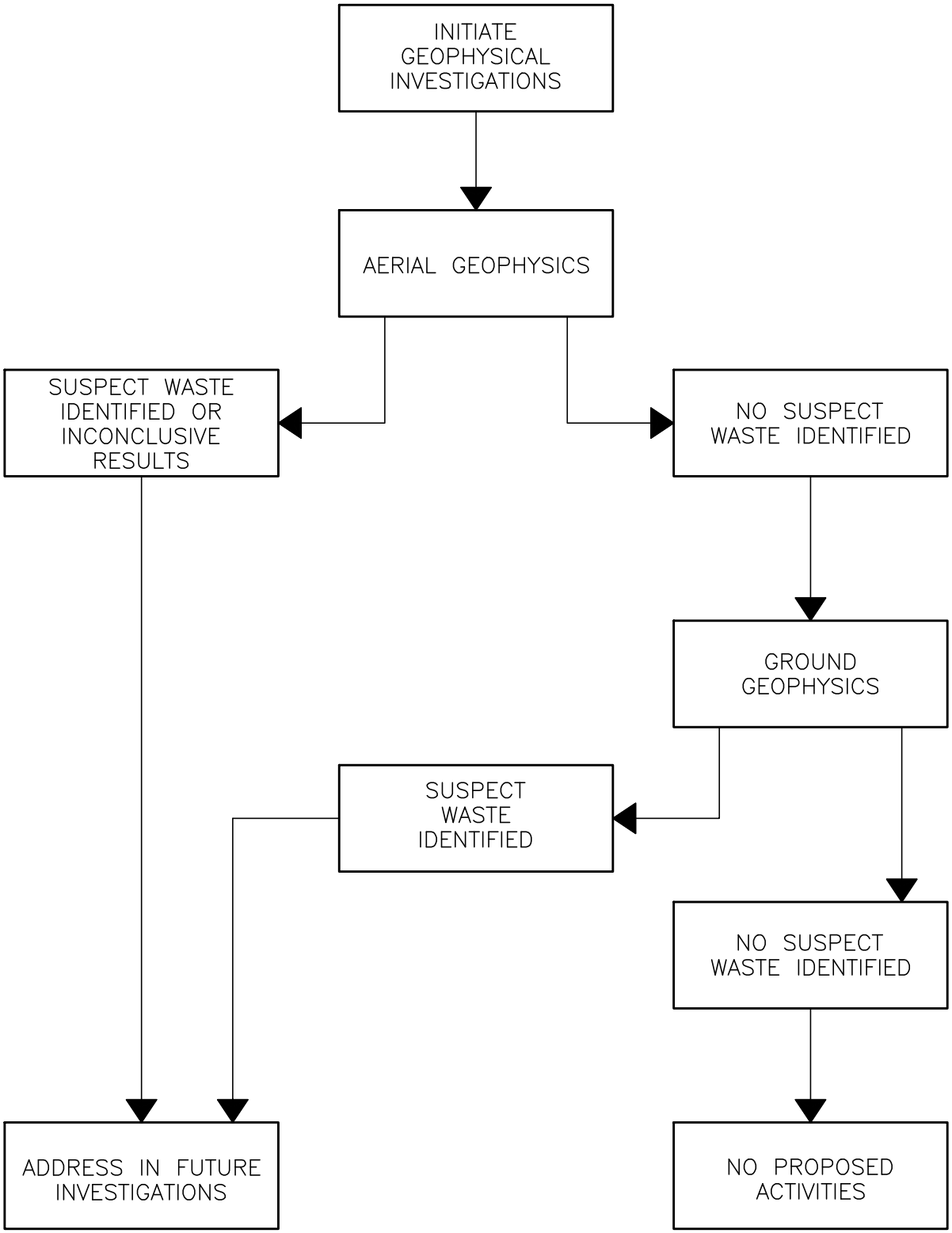
## *7.5 ANALYTICAL PROGRAM*

No soil samples will be collected as part of this Work Plan.

# Figure 7-1
# SWMU 74
## Fort Wingate Depot Activity
## McKinley County, New Mexico



# Figure 7-2
# Geophysical Decision Tree
## Fort Wingate Depot Activity
## McKinley County, New Mexico



# 8.0 AOC 89

## 8.1 BACKGROUND

### 8.1.1 Location, Description, and Operational History

AOC 89 is identified in the Permit as Features 30 and 34 on the 1973 Aerial Photo API-5. AOC 89 is discussed in detail in the companion SRHI for Parcel 3 and is shown in Figure 8-1.

### 8.1.2 Site Conditions

Site conditions for AOC 89 are as described in Section 3.0.

## 8.2 PREVIOUS INVESTIGATIONS

Previous investigations conducted for AOC 89 are described in detail in the companion SRHI for Parcel 3.

## 8.3 EVALUATION OF DATA FROM PREVIOUS INVESTIGATIONS

As described in Section 2.3.2.3, environmental data from previous investigations were reevaluated with respect to cleanup levels described in Permit Attachment 7 (NMED, 2005).

A summary table showing detected constituent concentrations compared to Permit cleanup levels is included in Table 8-1. As shown in Table 8-1, explosives were detected in soil samples from all three locations, at both sampling depths. Detected concentrations of TNT in both samples at KSA01 and KSA03 exceeded the Permit cleanup level.

## 8.4 SCOPE OF ACTIVITIES

The purpose of this section is to describe the types of activities that will be conducted in and around AOC 89 during implementation of this Work Plan. Proposed activities are summarized in Table 4-8.

This area is the location of the proposed Corrective Action Management Unit (CAMU); environmental characterization and cleanup efforts, if required will be will be completed during the CAMU closure. Therefore, no activities are proposed for AOC 89 as part of this Work Plan. The debris from the four other areas that are part of AOC 89, not including the CAMU site, will be removed during the surface clearance project. A single MI confirmation sample will be collected from each of the four sites (during a future investigation) after the debris has been removed.

## 8.5 ANALYTICAL PROGRAM

No soil samples will be collected as part of this Work Plan.

TerraneanPMC, LLC

# Figure 8-1
# AOC 89
## Fort Wingate Depot Activity
## McKinley County, New Mexico

N 1622000 E 2488000 E 2489000 E 2490000 N 1622000

AOC 89
FEATURES 30 AND 34
ON THE 1973 AERIAL PHOTO API-5

REVETMENT – 1978, 85, 91, 97
CRATES/OBJECT – 1958, 62, 66

REVETMENT – 1948, 52

REVETMENT – 1978, 85, 91, 97
CRATES/OBJECT – 1958, 62, 66

CRATES/MATERIAL – 1966

REVETMENT – 1948, 52

REVETMENT WITH OBJECT – 1978, 85, 91, 97
CRATES/OBJECTS – 1958, 62, 66

REVETMENT – 1948, 52

CLEARED AREA – 1948

GRADED AREA – 1966

GROUND SCAR – 1966

REVETMENT WITH OBJECTS – 1958, 73, 78, 85, 91, 97
CRATE – 1962

CLEARED AREA – 1948

CLEARED AREA – 1952

CLEARED AREA – 1948, 52

DITCH – 1948, 52

DITCH – 1948, 52

3

2

7090 7070 7050 7080 7100 7120 7060 7080 7100 7120 7140 7160 7140 7160

N 1621000 N 1621000 N 1620000 N 1620000 N 1619000 N 1619000

E 2488000 E 2489000 E 2490000

LEGEND

- AOC 89 BOUNDARY
- AOC 89 SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- FEATURE IDENTIFIED IN HISTORICAL AERIAL PHOTO REPORT
- EXPLOSIVE STAINED SOIL AREA
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARIES
- 6800 TOPOGRAPHIC CONTOUR (FT. MSL)

N

250 125 0 250
SCALE IN FEET

33211.51/02.17.08-DST/04.09.08-DST/1204-1C

***Table 8-1***
***Summary of Detected Constituents in Soil***
***AOC 89***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KSA010101 | 10/24/1996 | 1.0 | 1,3,5-Trinitrobenzene | 1.79E+00 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KSA010101 | 10/24/1996 | 1.0 | 2,4,6-Trinitrotoluene | 5.17E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KSA010101 | 10/24/1996 | 1.0 | 2,4-Dinitrotoluene | 1.25E+00 | | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | 2-Amino-4,6-dinitrotoluene | 3.49E+00 | J | NS | NS | No Standard | No Standard | |
| KSA010101 | 10/24/1996 | 1.0 | 4-Amino-2,6-dinitrotoluene | 3.80E+00 | J | NS | NS | No Standard | No Standard | |
| KSA010101 | 10/24/1996 | 1.0 | Aluminum | 6.37E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | Arsenic | 1.25E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | Barium | 7.64E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | Beryllium | 2.70E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | Calcium | 2.38E+03 | | NS | NS | No Standard | No Standard | |
| KSA010101 | 10/24/1996 | 1.0 | Chromium | 4.15E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSA010101 | 10/24/1996 | 1.0 | Cobalt | 1.43E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | Copper | 2.55E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | Iron | 5.84E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | Lead | 3.89E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | Magnesium | 1.33E+03 | | NS | NS | No Standard | No Standard | |
| KSA010101 | 10/24/1996 | 1.0 | Manganese | 1.43E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | Nickel | 1.97E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | Potassium | 1.96E+03 | | NS | NS | No Standard | No Standard | |
| KSA010101 | 10/24/1996 | 1.0 | Vanadium | 1.35E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSA010101 | 10/24/1996 | 1.0 | Zinc | 1.80E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | 1,3,5-Trinitrobenzene | 8.30E-01 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KSA010202 | 10/24/1996 | 2.0 | 2,4,6-Trinitrotoluene | 5.31E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KSA010202 | 10/24/1996 | 2.0 | 2-Amino-4,6-dinitrotoluene | 3.26E+00 | J | NS | NS | No Standard | No Standard | |
| KSA010202 | 10/24/1996 | 2.0 | 4-Amino-2,6-dinitrotoluene | 1.95E+00 | J | NS | NS | No Standard | No Standard | |
| KSA010202 | 10/24/1996 | 2.0 | Aluminum | 8.04E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | Arsenic | 1.69E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | Barium | 8.96E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | Beryllium | 3.65E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | Calcium | 3.06E+03 | | NS | NS | No Standard | No Standard | |
| KSA010202 | 10/24/1996 | 2.0 | Chromium | 5.91E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSA010202 | 10/24/1996 | 2.0 | Cobalt | 2.39E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | Copper | 6.73E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | Iron | 8.38E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | Lead | 4.92E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | Magnesium | 1.78E+03 | | NS | NS | No Standard | No Standard | |
| KSA010202 | 10/24/1996 | 2.0 | Manganese | 2.25E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | Nickel | 3.61E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | Potassium | 2.33E+03 | | NS | NS | No Standard | No Standard | |
| KSA010202 | 10/24/1996 | 2.0 | Vanadium | 1.86E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSA010202 | 10/24/1996 | 2.0 | Zinc | 2.11E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | 1,3,5-Trinitrobenzene | 5.31E-01 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KSA020101 | 10/24/1996 | 1.0 | 2,4,6-Trinitrotoluene | 1.17E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | 2-Amino-4,6-dinitrotoluene | 3.33E+00 | J | NS | NS | No Standard | No Standard | |

***Table 8-1***
***Summary of Detected Constituents in Soil***
***AOC 89***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KSA020101 | 10/24/1996 | 1.0 | 4-Amino-2,6-dinitrotoluene | 3.14E+00 | J | NS | NS | No Standard | No Standard | |
| KSA020101 | 10/24/1996 | 1.0 | Aluminum | 5.87E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | Arsenic | 1.85E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | Barium | 7.65E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | Beryllium | 2.53E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | Calcium | 1.10E+04 | | NS | NS | No Standard | No Standard | |
| KSA020101 | 10/24/1996 | 1.0 | Chromium | 3.82E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSA020101 | 10/24/1996 | 1.0 | Cobalt | 1.36E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | Copper | 2.10E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | Iron | 5.91E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | Lead | 3.68E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | Magnesium | 1.41E+03 | | NS | NS | No Standard | No Standard | |
| KSA020101 | 10/24/1996 | 1.0 | Manganese | 1.42E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | Nickel | 2.34E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | Potassium | 1.47E+03 | | NS | NS | No Standard | No Standard | |
| KSA020101 | 10/24/1996 | 1.0 | Sodium | 3.71E+01 | J | NS | NS | No Standard | No Standard | |
| KSA020101 | 10/24/1996 | 1.0 | Vanadium | 1.36E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSA020101 | 10/24/1996 | 1.0 | Zinc | 1.27E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | 2,4,6-Trinitrotoluene | 4.11E+00 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | 2-Amino-4,6-dinitrotoluene | 5.54E-01 | J | NS | NS | No Standard | No Standard | |
| KSA020202 | 10/24/1996 | 2.0 | 4-Amino-2,6-dinitrotoluene | 2.49E-01 | J | NS | NS | No Standard | No Standard | |
| KSA020202 | 10/24/1996 | 2.0 | Aluminum | 6.08E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | Arsenic | 1.77E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | Barium | 9.10E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | Beryllium | 2.74E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | Calcium | 9.80E+03 | | NS | NS | No Standard | No Standard | |
| KSA020202 | 10/24/1996 | 2.0 | Chromium | 4.33E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSA020202 | 10/24/1996 | 2.0 | Cobalt | 1.85E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | Copper | 4.33E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | Iron | 6.17E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | Lead | 4.58E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | Magnesium | 1.38E+03 | | NS | NS | No Standard | No Standard | |
| KSA020202 | 10/24/1996 | 2.0 | Manganese | 2.27E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | Potassium | 1.50E+03 | | NS | NS | No Standard | No Standard | |
| KSA020202 | 10/24/1996 | 2.0 | Vanadium | 1.64E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSA020202 | 10/24/1996 | 2.0 | Zinc | 1.10E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | 1,3,5-Trinitrobenzene | 1.55E+01 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KSA030101 | 10/24/1996 | 1.0 | 2,4,6-Trinitrotoluene | 8.24E+02 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KSA030101 | 10/24/1996 | 1.0 | 2,4-Dinitrotoluene | 2.67E+00 | | 1.22E+02 | 1.22E+02 | 1.22E+02 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | 2-Amino-4,6-dinitrotoluene | 4.00E+00 | J | NS | NS | No Standard | No Standard | |
| KSA030101 | 10/24/1996 | 1.0 | Aluminum | 5.71E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | Arsenic | 1.68E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | Barium | 5.83E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | Beryllium | 2.67E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |

***Table 8-1***
***Summary of Detected Constituents in Soil***
***AOC 89***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Sample ID | Collection Date | Depth (feet bgs) | Analyte | Result (mg/kg) | Report Flag | NMED Residential SSL (mg/kg) | USEPA Region VI Residential MSSL (mg/kg) | Cleanup Level (mg/kg) | Cleanup Level Basis | Exceed Cleanup Level? |
|---|---|---|---|---|---|---|---|---|---|---|
| KSA030101 | 10/24/1996 | 1.0 | Calcium | 6.79E+03 | | NS | NS | No Standard | No Standard | |
| KSA030101 | 10/24/1996 | 1.0 | Chromium | 3.77E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSA030101 | 10/24/1996 | 1.0 | Cobalt | 2.12E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | Copper | 2.80E+00 | | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | Iron | 6.69E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | Lead | 4.14E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | Magnesium | 1.48E+03 | | NS | NS | No Standard | No Standard | |
| KSA030101 | 10/24/1996 | 1.0 | Manganese | 1.39E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | Nickel | 2.27E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | Potassium | 1.58E+03 | | NS | NS | No Standard | No Standard | |
| KSA030101 | 10/24/1996 | 1.0 | RDX | 1.25E+00 | J | 4.42E+01 | 4.42E+00 | 4.42E+01 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | Vanadium | 1.39E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSA030101 | 10/24/1996 | 1.0 | Zinc | 2.29E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | 1,3,5-Trinitrobenzene | 9.86E-01 | | NS | 1.83E+03 | 1.83E+03 | Proposed | |
| KSA030202 | 10/24/1996 | 2.0 | 2,4,6-Trinitrotoluene | 4.75E+01 | | 3.06E+01 | 1.62E+01 | 3.06E+01 | NMED Residential | YES |
| KSA030202 | 10/24/1996 | 2.0 | 2-Amino-4,6-dinitrotoluene | 1.12E+00 | J | NS | NS | No Standard | No Standard | |
| KSA030202 | 10/24/1996 | 2.0 | Aluminum | 5.69E+03 | | 7.78E+04 | 7.62E+04 | 7.78E+04 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | Arsenic | 1.91E+00 | | 3.90E+00 | 3.90E-01 | 3.90E+00 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | Barium | 7.29E+01 | | 1.56E+04 | 1.56E+04 | 1.56E+04 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | Beryllium | 2.98E-01 | J | 1.56E+02 | 1.54E+02 | 1.56E+02 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | Calcium | 1.11E+04 | | NS | NS | No Standard | No Standard | |
| KSA030202 | 10/24/1996 | 2.0 | Chromium | 3.64E+00 | | NS | 2.11E+02 | 2.11E+03 | Proposed | |
| KSA030202 | 10/24/1996 | 2.0 | Cobalt | 2.09E+00 | J | 1.52E+03 | 9.03E+02 | 1.52E+03 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | Copper | 1.96E+00 | J | 3.13E+03 | 2.91E+03 | 3.13E+03 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | Iron | 6.29E+03 | | 2.35E+04 | 5.48E+04 | 2.35E+04 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | Lead | 3.83E+00 | | 4.00E+02 | 4.00E+02 | 4.00E+02 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | Magnesium | 1.62E+03 | | NS | NS | No Standard | No Standard | |
| KSA030202 | 10/24/1996 | 2.0 | Manganese | 1.57E+02 | | 3.59E+03 | 3.24E+03 | 3.59E+03 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | Nickel | 2.63E+00 | J | 1.56E+03 | 1.56E+03 | 1.56E+03 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | Potassium | 1.54E+03 | | NS | NS | No Standard | No Standard | |
| KSA030202 | 10/24/1996 | 2.0 | Vanadium | 1.42E+01 | | 7.82E+01 | 3.91E+02 | 7.82E+01 | NMED Residential | |
| KSA030202 | 10/24/1996 | 2.0 | Zinc | 1.25E+01 | | 2.35E+04 | 2.35E+04 | 2.35E+04 | NMED Residential | |

**Notes:**

mg/kg - milligrams per kilogram

NS - no standard

SSL - Soil Screening Level

MSSL - Medium Specific Screening Level

NMED - New Mexico Environment Department

USEPA - US Environmental Protection Agency

feet bgs - feet below ground surface

Proposed - Cleanup level proposed as described in Permit Attachment 7, Section 7.2.

**Flag Codes:**

D - Duplicate

J - Estimated Concentration

# 9.0 AOC 90- FEATURE 36 ON THE 1973 AERIAL PHOTO API-5

## 9.1 BACKGROUND

### 9.1.1 Location, Description, and Operational History

AOC 90 includes two previously uninvestigated areas near, and potentially across, the western property boundary. AOC 90 is discussed in detail in the companion SRHI for Parcel 3. AOC 90 is shown in Figure 9-1.

### 9.1.2 Site Conditions

Site conditions for AOC 90 are as described in Section 3.0.

## 9.2 PREVIOUS INVESTIGATIONS

Previous investigations conducted for AOC 90 are described in detail in the companion SRHI for Parcel 3.

## 9.3 EVALUATION OF DATA FROM PREVIOUS INVESTIGATIONS

No environmental data have been collected within or around AOC 90.

## 9.4 SCOPE OF ACTIVITIES

The purpose of this section is to describe the types of activities that will be conducted in and around AOC 90 during implementation of this Work Plan. Proposed activities are summarized in Table 4-8 and presented in Figure 9-1.

As described in Section 2.3.3.2, MEC and UXO may be encountered during performance of the investigations below. The procedures and methodologies described in Section 12.0 must be strictly adhered to in order to safely conduct these investigations IAW Army and DOD safety requirements.

The Army plans to conduct a WAA using aerial geophysics to collect additional data regarding potential distribution of MEC; this WAA is planned for completion in 2008 and data from that investigation may be incorporated into later versions of this Work Plan.

No activities beyond the aerial geophysics are planned for AOC 90. This AOC will be added to the Kickout Surface Clearance (Permit Section 4A and 5A), and any items found will be addressed during the Kickout Surface Clearance.

## 9.5 ANALYTICAL PROGRAM

No soil samples will be collected as part of this Work Plan.

# Figure 9-1
# AOC 90
## Fort Wingate Depot Activity
## McKinley County, New Mexico

AOC 90
FEATURE 36 ON THE 1973
AERIAL PHOTO API-5

APPROXIMATE EXTENT
OF PROPOSED
GEOPHYSICAL INVESTIGATIONS

POND – 1973, 78, 85

POND – 1978, 85

POND – 1952, 58

E 2485000 E 2485500 E 2486000 E 2486500 E 2487000 E 2487500

N 1613500 N 1613000 N 1612500 N 1612000

7290 7300 7320 7340 7360 7380 7400 7420 7440

**LEGEND**

- AOC 90 BOUNDARY
- AOC 90 SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- FEATURE IDENTIFIED IN HISTORICAL AERIAL PHOTO REPORT
- 6–FOOT CHAIN LINK SECURITY FENCE WITH 3–STRAND BARBED WIRE TOP
- 5–STRAND BARBED WIRE FENCE
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARIES
- FWDA PROPERTY BOUNDARY, FEBRUARY 2002
- 6800 TOPOGRAPHIC CONTOUR (FT. MSL)
- APPROXIMATE EXTENT OF PROPOSED GEOPHYSICAL INVESTIGATIONS

N

200 100 0 200

SCALE IN FEET

# *10.0 AOC 91*

## *10.1 BACKGROUND*

### *10.1.1 Location, Description, and Operational History*

AOC 91 is identified in the Permit as Feature 41 on the 1973 Aerial Photo API-5 and Feature 27 on the 1978 Aerial Photo API-7. AOC 91 is discussed in detail in the companion SRHI for Parcel 3. AOC 91 is shown in Figure 10-1; as shown, Feature 41 appears to be a larger area that includes Feature 27.

### *10.1.2 Site Conditions*

Site conditions for AOC 91 are as described in Section 3.0.

## *10.2 PREVIOUS INVESTIGATIONS*

Previous investigations conducted for AOC 91 are described in detail in the companion SRHI for Parcel 3.

## *10.3 EVALUATION OF DATA FROM PREVIOUS INVESTIGATIONS*

No environmental data have been collected within or around AOC 91.

## *10.4 SCOPE OF ACTIVITIES*

The purpose of this section is to describe the types of activities that will be conducted in and around AOC 91 during implementation of this Work Plan. Proposed activities are summarized in Table 4-8 and presented in Figure 10-1.

As described in Section 2.3.3.2, MEC and UXO may be encountered during performance of the investigations below. The procedures and methodologies described in Section 12.0 must be strictly adhered to in order to safely conduct these investigations IAW Army and DOD safety requirements.

### *10.4.1 Geophysical Investigation*

The Army plans to conduct a WAA using aerial geophysics to collect additional data regarding potential distribution of MEC; this WAA is planned for completion in 2008 and data from that investigation may be incorporated into later versions of this Work Plan.

As shown in Figure 7-2, the following decision tree is proposed for the survey area:

- If the aerial geophysics determines the presence of suspected waste, those areas will be addressed during a future investigation.

- If the aerial geophysics does not detect the presence of suspected waste or are otherwise inconclusive, a ground geophysical investigation, as discussed below, will be completed to verify the findings of the aerial survey.

- If the ground geophysical survey determines the presence of suspected waste, those areas will be addressed during a future investigation.

- If the ground geophysical survey does not detect suspected waste, the site will be considered not impacted and no further work will be proposed.

As shown in Figure 10-1, geophysical investigations (in the form of DGM) are planned within and around the AOC 91. DGM will be completed if the results of the aerial survey do not detect the presence of suspected waste or are otherwise inconclusive. The objective of these investigations is to attempt to demonstrate that areas of subsurface wastes do not exist within AOC 91.

Geophysical investigation will follow the methodologies presented in Section 12.3.

If areas of suspected subsurface waste (not previously identified) are identified during DGM, those areas will be addressed during a future investigation.

## *10.5 ANALYTICAL PROGRAM*

No soil samples will be collected as part of this Work Plan.

# Figure 10-1
# AOC 91
## Fort Wingate Depot Activity
## McKinley County, New Mexico

GATE 209B

CURRENT OB/OD AREA
SECURITY FENCE
OWNED BY ARMY

SOUTHERN
SECURITY FENCE
OWNED BY ARMY

AOC 91
FEATURE 41 ON THE 1973
AERIAL PHOTO API-5 AND FEATURE 27
ON THE 1978 AERIAL PHOTO API-7

PROB PIT – 1991

GROUND SCAR – 1978, 85
PROBABLE DEBRIS/OBJECT – 1973

PROBABLE DEBRIS/OBJECT – 1973
GROUND SCAR – 1985
EXCAVATION – 1978

APPROXIMATE EXTENT
OF PROPOSED
GEOPHYSICAL INVESTIGATIONS

GATE
(NO ID.)

E 2490000
E 2490500
E 2491000
E 2491500
E 2492000
E 2492500
N 1612500
N 1612000
N 1611500
N 1611000
1611000

7380 7400 7420 7440 7460 7480 7500 7520 7540 7560 7580 7600 7620 7640 7660 7680

LEGEND

- AOC 91 BOUNDARY
- AOC 91 SWMUs OR AOCs THAT REQUIRE CORRECTIVE ACTION
- FEATURE IDENTIFIED IN HISTORICAL AERIAL PHOTO REPORT
- 6–FOOT CHAIN LINK SECURITY FENCE WITH 3–STRAND BARBED WIRE TOP
- 5–STRAND BARBED WIRE FENCE
- ARROYOS
- PROPERTY TRANSFER PARCEL BOUNDARIES
- 7600 TOPOGRAPHIC CONTOUR (FT. MSL)
- APPROXIMATE EXTENT OF PROPOSED GEOPHYSICAL INVESTIGATIONS

N

200 100 0 200
SCALE IN FEET

TerranearPMC, LLC

33211.51/02.17.08–DST/04.09.08–DST/I206 –1C

# 11.0 AOC 92

## 11.1 BACKGROUND

### 11.1.1 Location, Description, and Operational History

AOC 92 is identified in the Permit as Feature 31 on the 1973 Aerial Photo API-5 and Feature 21 on the 1978 Aerial Photo API-7. AOC 92 is discussed in detail in the companion SRHI for Parcel 3. AOC 92 is shown in Figure 11-1; as shown, Feature 31 on API-5 appears to be the same as Feature 21 on API-7.

### 11.1.2 Site Conditions

Site conditions for AOC 92 are as described in Section 3.0.

## 11.2 PREVIOUS INVESTIGATIONS

Previous investigations conducted for AOC 92 are described in detail in the companion SRHI for Parcel 3.

## 11.3 EVALUATION OF DATA FROM PREVIOUS INVESTIGATIONS

As shown in Figure 4-2 and Table 4-5, antimony was detected in one surface soil sample (DBASO18) exceeding the Permit cleanup level.

## 11.4 SCOPE OF ACTIVITIES

The purpose of this section is to describe the types of activities that will be conducted in and around AOC 92 during implementation of this Work Plan. Proposed activities are summarized in Table 4-8.

As described in Section 2.3.3.2, MEC and UXO may be encountered during performance of the investigations below. The procedures and methodologies described in Section 12.0 must be strictly adhered to in order to safely conduct these investigations IAW Army and DOD safety requirements.

### 11.4.1 Geophysical Investigation

The Army plans to conduct a WAA using aerial geophysics to collect additional data regarding potential distribution of MEC; this WAA is planned for completion in 2008 and data from that investigation may be incorporated into later versions of this Work Plan.

As shown in Figure 7-2, the following decision tree is proposed for the survey area:

- If the aerial geophysics determines the presence of suspected waste, those areas will be addressed during a future investigation

- If the aerial geophysics does not detect the presence of suspected waste or are otherwise inconclusive, a ground geophysical investigation, as discussed below, will be completed to verify the findings of the aerial survey.

- If the ground geophysical survey determines the presence of suspected waste, those areas will be addressed during a future investigation.

- If the ground geophysical survey does not detect suspected waste, the site will be considered not impacted and no further work will be proposed.

As shown in Figure 11-1, geophysical investigations (in the form of DGM) are planned within and around the AOC 92. DGM will be completed if the results of the aerial survey do not detect the presence of suspected waste or are otherwise inconclusive. The objective of these investigations is to attempt to locate potential areas of subsurface wastes and/or former OD craters that may exist within AOC 92.

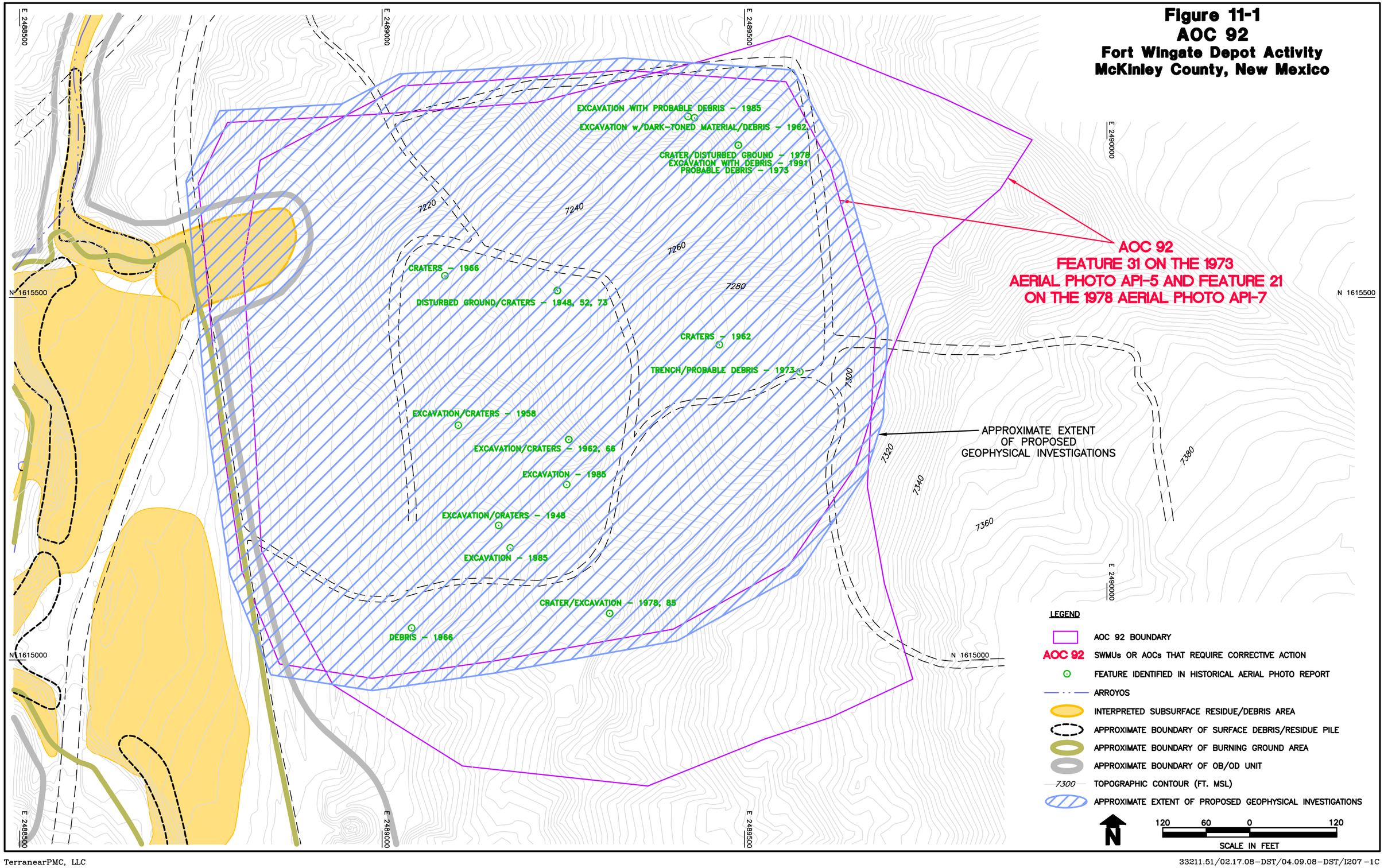
Geophysical investigation will follow the methodologies presented in Section 12.3.

If areas of suspected subsurface waste (not previously identified) are identified during DGM, those areas will be addressed during a future investigation.

## *11.5 ANALYTICAL PROGRAM*

No soil samples will be collected as part of this Work Plan.

# Figure 11-1
# AOC 92
## Fort Wingate Depot Activity
## McKinley County, New Mexico



# 12.0 INVESTIGATION METHODS

As described in Section 2.3.3, MEC and UXO may be encountered during performance of the investigations below. The procedures and methodologies described in this section must be strictly adhered to in order to safely conduct these investigations IAW Army and DOD safety requirements.

## 12.1 CULTURAL RESOURCES OVERSIGHT

Traditional Cultural Properties (TCPs) and other cultural resources have been documented within FWDA boundaries. Based on a review of available mapping (UNM OCA, 1994), it appears that there are a limited number of identified sites within Parcel 3.

USACE Fort Worth has developed a Programmatic Agreement (PA) with the Pueblo of Zuni and the Navajo Nation to specify procedures to be employed during environmental characterization and remediation activities to facilitate the protection and preservation of cultural resources. A copy of the PA has been included in Appendix E.

If human remains or funerary items are inadvertently encountered during the conduct of environmental activities, the Army will follow the specific requirements of the Native American Graves Protection and Repatriation Act of 1990 (NAGPRA) to ensure the protection of these cultural items.

Maps showing the locations of TCPs relative to proposed investigation locations will not be included in this Work Plan, which will be a public document when final. Instead, the consultation process will include review by Tribal cultural resource personnel to confirm the presence or absence of identified cultural resources within the proposed investigation locations. If needed, Tribal cultural resource personnel will walk each proposed investigation location prior to the initiation of intrusive activities. Tribal cultural resource personnel will be available for consult during conduct of investigations, as described in the PA/CA.

## 12.2 SUBMUNITIONS WAIVER REQUIREMENTS

As noted in Section 2.3.3.2, submunitions have been encountered within and around the OB/OD Unit HWMU and Parcel 3 SWMUs and AOC. Because submunitions have been encountered, planned activities in and around the OB/OD Unit HWMU and Parcel 3 SWMUs and AOCs are subject to the requirements contained in Chapter 3, Section 3-9 of *Department of the Army Pamphlet 385-63, Range Safety* (HQDA, 2003). USACE has prepared a waiver (MKM, 2007) to allow planned investigations to be conducted and the waiver has received Army approval. Procedures defined by the waiver approval are referenced in the methodologies section of this Work Plan.

## *12.3 GEOPHYSICAL INVESTIGATIONS*

Field team compositions and procedures are described in Sections 8.4 and 9.5 of the waiver request (MKM, 2007).

A Geonics EM61-MK2 Metal Detector with integrated global positioning system (GPS) will be used for discussion regarding the electromagnetic (EM) conductivity survey. If new or alternative equipment is available that has the potential to meet or exceed the expectations of the EM61-MK2, the equipment may be proposed by the contractor. The survey equipment will be tested at the geophysical prove-out (GPO) area to ensure that survey DQOs are met. In addition, supporting software discussed in the following sections will be used for discussion regarding the EM conductivity survey. If new or alternative supporting software is available that has the potential to meet or exceed the expectations of the survey objectives, the contractor can propose the software. The supporting software will be tested to demonstrate that survey DQOs are met. Documentation of the achievement of DQOs will be provided to the USACE Technical Representative.

### *12.3.1 Data Collection*

DQOs for collection of geophysical data are provided in Section 13.1.2.

Each grid system will be "tied into" the survey event as discussed in Section 12.3.3.

Electromagnetic (EM) terrain conductivity profiling is a non-invasive method used to identify lateral changes in subsurface conductivity through inductive electric measurements made at the ground surface. The EM survey is a rapid, cost effective reconnaissance tool. Areas of higher-than-background conductivity may be associated with surficial and buried metal objects (e.g., buried MEC/MD/scrap items, underground storage tanks (USTs), buried utility lines). EM will be used to map anomalies that may be associated with buried MEC/MD/scrap items within and around the OB/OD Unit HWMU and Parcel 3 SWMUs and AOCs.

As previously noted, for discussion purposes, a Geonics EM61-MK2 Metal Detector with integrated GPS will be used to conduct the EM conductivity survey to meet the survey objectives.

The EM61-MK2 is a time-domain metal detector that detects both ferrous and non-ferrous metals. It consists of a single set of one-half by one-meter coils. The transmitter generates a pulsed primary magnetic field in the earth that induces eddy currents in nearby metallic objects. The eddy current decay produces a secondary magnetic field that is measured by the receiver coils. The responses are recorded and displayed on the integrated data logger. Gridded and contoured data will produce a "bull's-eye" type anomaly for isolated metal objects. The EM61-MK2 can detect a single 55-gallon drum at a depth of over three meters beneath the instrument.

As noted in Section 13.1.2, DQOs for data collection have been established and will be followed.

A Trimble GPS Total Station 5700 base station and rover unit, or equivalent, will be used to provide locations of suspected MEC/MD/scrap items, as described in Section 12.3.3. Because it may be difficult for the equipment operator to determine the exact location of suspected MEC/MD/scrap items in real time, suspect anomalies will be reacquired following data processing, in an attempt to mark the extents of the anomalies on the ground.

### *12.3.2 Data Management and Processing*

At the completion of the EM61-MK2 survey, data stored in the data logger will be downloaded to a field computer for review by the project geophysicist. Initial data processing and standard data analyses will include the procedural steps described in the DQOs (Section 13.1.2). The raw EM61-MK2 field data will be initially positioned with respect to the GPS data using Dat61 MK2 software, or equivalent. Further data processing and analysis will be performed by Geosoft Oasis Montaj contour plotting software (or equivalent). Geophysical map deliverables will be prepared in accordance with the format per Attachment D of *USACE DID OE-005-05.01.*

#### *12.3.2.1 Standard Data Analysis*

Contour plots for the summation of the four EM61-MK2 receiver coil time gates/channels will be prepared and transposed on electronic site maps. The project geophysicist will perform a comprehensive data analysis (as described in the section below) to produce digital target tables, target maps, and identify and evaluate all anomalies detected by the geophysical instrument. The plots will be used to extract the universal transverse mercator (UTM) coordinates of these subsurface anomalies. The following sections list the initial data processing and evaluation steps for the DGM surveys.

#### *12.3.2.2 Drift Correction*

EM data drift correction will be performed during data processing as required. The *Geosoft*™ UX-Detect drift correction routine (UXDRIFT GX) (or equivalent) will be used to remove an offset caused by instrument drift from a channel of data.

#### *12.3.2.3 Latency Correction*

Instrument latency will be corrected based on lags or time delays observed along the transect to correct for anomaly peak positions related to the spike object.

#### *12.3.2.4 Geophysical Background Noise Identification*

Background noise will be evaluated by first looking at the geophysical data profiles to establish an upper threshold limit that would capture all background signals. Once the background threshold is set, all data above this threshold will

be temporarily dummied out and a statistical report will be run on the remaining data. The objective is to minimize the influence of large amplitude anomalies on the statistics of the background readings.

#### *12.3.2.5 Gridding Method and Search Criteria*

Gridding will be performed using the *Geosoft*™ minimum curvature gridding function (or equivalent) applying appropriate settings established during the GPO survey. Grid variables such as cell size, Tolerance and Internal Tension settings, search radius, and blanking distance will be evaluated by the project geophysicist to select the optimum values based on the sample density and specific parameters actually achieved during the DGM activity.

#### *12.3.2.6 Anomaly Selection and Decision Criteria*

The project geophysicist will perform an automatic anomaly selection on EM data based on background noise levels and anomaly type. The initial target picking will be completed using UX-Detect Blakely Peak Picking Algorithm (or equivalent). Typically, target-picking parameters will be refined to produce anomaly selections of all signals above the mean plus 2.5 to 3 standard deviations of the background data to identify single discrete point source anomalies. Alternative levels may be required for some datasets and will be documented on a case-by-case basis. A review of decay profiles (for all four EM61-MK2 receiver coil channels) will be performed to remove targets (from the list) not exhibiting response characteristics typical of buried metallic objects. This step may be performed using a scripted routine that will automatically compare the values for all associated channels in order to compute, identify, and flag negative time constants. Flagged anomalies, not having decay characteristics of buried metallic objects, will be removed. A manual review of the remaining discrete EM anomalies will be conducted to center the anomaly response as needed.

All corrected geophysical data associated with anomaly locations will be exported to a target database. Throughout the geophysical survey, field personnel will use logbooks to record observations such as, variances in the background interference/noise when collecting data, and/or notable changes in soil characteristics. Such observations will provide valuable insight during the selection of anomalies in areas where there is significant variations in background interference/noise.

#### *12.3.2.7 Data Representativeness*

As a final check, the data will be reviewed for representativeness and submitted to the USACE geophysicist for final acceptance and concurrence of representativeness. If data are determined to be of poor quality, it will be recollected at no cost to the Government.

#### *12.3.2.8 Dig Sheet Development*

Following the identification and selecting anomalies from the geophysical data evaluation, the target locations will be documented to comply with the requirements of Attachment C of *USACE DID MR-005-05.* The project geophysicist will assign each anomaly a unique target identifier and will enter the corresponding information for the target into the database. At a minimum, the following information will be included in the database for each targeted anomaly:

- Unique Target ID including location name (i.e., OU3-7, [location/target pick])
- Easting and northing position
- Channel ID
- Response amplitude for all four channels of an EM anomaly

This documentation will be provided as part of the geophysical investigation report.

### ***12.3.3 Survey of Points***

Each geophysical location will be surveyed to meet the requirements set forth in DID MR-005-07.01. The map coordinates will be determined using the New Mexico State Planar grid. All elevation data will be referenced to the National Geodetic Vertical Datum of 1983.

Geophysical grid node locations will be horizontally accurate to $\pm$ 0.1 feet. A semi-permanent monument (i.e. wooden stake driven into the ground) will be used to mark the corners of the geophysical investigation boundary. The elevation of geophysical boundary and grid node locations will be determined to within $\pm$ 0.3 feet.

## ***12.4 WASTE AND UNDERLYING SOIL INVESTIGATIONS***

As described previously, the amount of metallic debris within and around the previously identified waste disposal areas will make it impossible to collect additional waste and soil samples using UXO avoidance techniques. Investigation trenching will be performed following construction support procedures detailed in the waiver request; field team compositions and procedures are described in Sections 8.4 and 9.4 of the waiver request (MKM, 2007).

Trenching will be performed using a tracked hydraulic excavator that has been hardened (shielding added to operator compartment to provide protection in the event of an unintentional detonation).

As noted in previous sections, in areas where investigation trenches have been previously completed, the differential GPS survey techniques described in Section 12.4.7 will be used to relocate the previous investigation trench limits.

After the previous location has been marked, a new investigation trench will be excavated at a 5 foot offset to either side of the previous location.

The vertical and horizontal soil profile encountered in each trench will be logged and any debris or waste described. Based upon these results, maps and cross-sections will be prepared, as appropriate, to show the distribution of various materials encountered.

Because of the possible presence of UXO, trenching at the FWDA will be performed by the UXO contractor according to the methodology described below. Contractor personnel will visually inspect and describe the trench materials, determine when the extent of the waste has been reached, and collect soil samples according to the methodology described in Section 12.4.4.

### *12.4.1 General Safety Requirements*

Prior to opening a trench or pit, the Contractor UXO Site Supervisor will review the provisions of the Occupational Safety and Health Administration standards, 29 Code of Federal Regulations (CFR) 1926, to ensure compliance.

Employees will be protected from cave–ins by following procedures outlined in Section 12.4.3. Excavations less than 5 feet in depth will be inspected by the site supervisor to ensure the site provides no indication of potential cave–in. No personnel will enter a trench at any time.

Unknown hazards may exist in the subsurface layers of excavation sites. Personal Protective Equipment (PPE) standards must be complied with through on site monitoring for toxic substances. Site personnel shall be outfitted with PPE for the protection of head, eyes, respiratory organs, hands, feet, and other parts of the body. Personnel working in the general area of mechanical equipment will wear high visibility coveralls or reflective body garments.

At sites where hazardous dust, gases, fumes, mists, or toxic atmospheres may be present, appropriate respiratory protection will be required.

Personnel are not to come within twenty feet of mechanical equipment until the operator has secured all moving parts and authorizes approach through positive oral communication.

Site personnel are not to advance to an open trench from a downwind location or from any open side. Approach from the head or end of a trench for observation and investigation will be authorized depending on wind direction.

### *12.4.2 Specific Excavation Site Requirements*

A visual surface reconnaissance and geophysical subsurface investigation will be performed over the excavation area. The objective will be to identify physical hazards, suspected hazards, UXO, energetic materials, flammables, pyrotechnics, underground utilities, and unknown buried objects by position. Subsurface contacts will be located and marked with a non–metallic identifier.

### *12.4.3 Excavation Procedure*

The procedure described below will be followed during excavation:

- Stage equipment in the Contamination Reduction Zone (CRZ);
- Determine wind direction;
- Place excavation equipment upwind of the proposed excavation point;
- Conduct a geophysical investigation of the surface excavation area to verify the position of subsurface contacts; mark the position of the contact and alert equipment operator to the suspected depth, approximate size and the item's orientation relative to the surface;
- Position all personnel beyond the operating radius of the excavation equipment;
- Position UXO investigation team to the rear and upwind of excavation equipment for observation;
- Perform radio communications check with safety officer;
- Extend boom to the maximum length and position bucket to scrape surface with teeth extended down;
- Scrape 4 to 6 inches of top soil from the surface, excavating parallel to any contacts;
- Secure the equipment and the boom to the ground prior to authorizing entry of field teams to investigate the open trench;
- Revalidate position of the contact and sweep for additional contacts that may result from movement of sub–grade material;
- Observe the excavation process for any suspect material that may be encountered; immediately halt operations when a visual inspection is required or sampling must be conducted;
- Maintain periodic air monitoring of exposed surface, excavated soils and the breathing zone of investigating teams;
- Advance excavation using sloping procedures, if necessary; sloping will be at a maximum of 1.5 feet horizontal to 1 foot vertical;
- Stage excavated material no higher than one half the depth of the trench and no closer than two feet from the trench;
- At the conclusion of sampling and investigation, close the excavation with excavated materials and tamp;

- Decontaminate excavation equipment with pressure washer or steam cleaner; and

- Drive mechanical equipment over stable ground only; it will not be driven over a closed excavation.

### *12.4.4 Excavation Samples*

Waste and soil samples will be collected from within each excavation for laboratory analyses as described in Section 4.5 and 5.5. Samples will be selected in the field based upon visual observation of the extent of residue/debris and soil conditions. Typical sampling schematics are included in Figure 12-1 and 12-2.

Samples of soil and waste materials from excavations will be collected directly from the bucket of the excavator using a disposable plastic trowel or decontaminated, stainless steel trowel. Samples for VOC analyses will be collected directly from the excavation sidewall using an extended sampling device. Any slough or cave in will be scraped away to ensure that material from the selected depth is sampled. Depths will be measured using a retractable tape measure. Immediately upon collection, the sample container will be placed into a cooler with ice and cooled to 4ºC.

Samples will be screened in the field for the presence of VOCs using an Organic Vapor Analyzer (OVA), or its equivalent. The field geologist or engineer will log the vertical extent of the excavation. Types of materials encountered, relative depths, and other pertinent observations (staining, odor) will be recorded. The excavations will also be logged when changes in lithology or waste materials are visually apparent. Sample collection and logging will occur as described in above.

### *12.4.5 Stockpiling of Excavated Soil*

As soil is removed, it will be stockpiled at least 2 feet downwind of the excavation on 30-mil polyethylene sheeting. Stockpiled soil will be replaced in the excavation in the reverse order it was removed. Soil will be stockpiled only long enough to collect samples and document the excavation (i.e. photographs and trench logs).

### *12.4.6 Field Documentation*

Sample control and tracking information will be recorded in bound field logbooks and will include the following information: sample/well number, sampler's name, method of sampling, ambient weather conditions, and miscellaneous observations. Also, field instrument calibrations will be recorded in a designated portion of the logbook at the time of the calibration. Adverse trends in instrument calibration behavior will be corrected. At the conclusion of each day in the field, the sampling team leader will review each page of the logbook for errors and omissions. He or she will then date and sign each reviewed page.

### *12.4.7 Survey of Points*

Each excavation location will be surveyed by a professional surveyor licensed by the State of New Mexico. For safety reasons, individual sample locations from within an excavation will be measured from the surveyed excavation end and documented in the logbook or field forms to prevent the need to enter the excavation. The map coordinates will be determined using the New Mexico State Planar grid. All elevation data will be referenced to the National Geodetic Vertical Datum of 1983

Excavation locations will be horizontally accurate to ± 0.1 feet. A semi-permanent monument (i.e. wooden stake driven into the ground) will be used to mark trench ends and soil boring locations. The elevation of excavation locations will be determined to within ± 0.3 feet.

### *12.4.8 Decontamination Procedures*

Decontamination of non-disposable sampling equipment (i.e. stainless steel spoons and bowls will be completed as discussed in Section 12.9.

Decontamination of heavy equipment will be completed as discussed in Section 12.9.

## *12.5 MULTI-INCREMENTAL SOIL INVESTIGATIONS*

MI sampling is proposed for surface soil sampling in the OB/OD Unit as well as the SWMUs in Parcel 3. MI sampling has been proposed for these areas based on the size of the area to be characterized and the lack of visible suspect hot spots of potential contamination at locations to be characterized. MI samples will be collected from the 10 to 14 inch depth intervals.

Review of soil sampling strategies and consequent results at Army installations throughout the U.S. has indicated that the likelihood of determining small scale hot spots of contamination by conventional discrete sampling is low, difficult to duplicate, and may not be legally defensible. MI sampling, alternatively, provides a much greater probability of determining representative, repeatable, and legally defensible constituent concentrations within a reasonably sized exposure unit or area.

Therefore, the primary purpose of collecting, preparing, and analyzing an MI sample is to provide a repeatable and accurate measure of the average concentrations of constituents of concern within a specific sampling area.

In the event that visibly impacted areas (e.g., stained soil) are observed within an MI sampling area during sampling activities, discrete samples will be collected to allow the potential “hot spot” to be evaluated separately. It is not the intent of the MI sampling process to dilute reasonably observable “hot spots” with material from unimpacted locations.

The overall goal of the field collection process is to collect sufficient material over the sample area to account for both compositional and distributional heterogeneity. In actual practice, much more sample material will be collected in the field than will be tested in the laboratory. Sample processing may be completed prior to shipment of a sample to the laboratory or conducted at the laboratory. This sample processing of the field-collected sample must be done to provide representative, but much smaller, samples of appropriate quantity for laboratory analyses.

Additional support for the use of MI sampling, and the specific procedures and methodologies to be used for MI sampling are presented in Appendix F.

### *12.5.1 Collection of Samples for VOC Analysis*

Sample containers will be prepared by the laboratory and shipped to the field location. The sample containers will be pre-weighed and pre-labeled by the supplying laboratory.

Three aliquots will be collected per sample location, one preserved with methanol for high level VOC analyses, a second preserved with sodium bisulfate for low level VOC analyses, and one unpreserved for moisture analyses. The sampling containers will be filled with the appropriate amount and type of preservative by the laboratory.

Just prior to sampling, a decontaminated stainless steel spoon or disposable trowel will be used to expose a fresh sampling surface. The samples will not be homogenized prior to collection and will be placed into the sample container soon after retrieval to prevent VOC loss from volatilization.

The samples will be comprised of 5.0 ± 0.5 grams of soil per aliquot collected using the laboratory-supplied syringe. The syringe will be inserted into the freshly exposed surface, a sufficient quantity of soil removed from the sample, the aliquot “injected” into the preserved sampling container, and the sampling container tightly sealed. This will be repeated for the remaining containers at the sample location.

Immediately upon collection, the sample container will be placed into a cooler with ice and cooled to 4 degrees Celsius (ºC).

### *12.5.2 Collection of Samples for Other Analyses*

Each MI subsample will be placed in a container as described in Appendix F, and placed into a cooler with ice to await processing as described in Appendix F.

Field processed MI samples will be placed in laboratory-cleaned containers with moisture tight lids. The sample containers will then be placed into a cooler with ice and cooled to 4ºC. If MI sample processing is to take place at the laboratory, all subsample containers will be placed into a cooler with ice and cooled to 4ºC.

### *12.5.3 Field Documentation*

#### *12.5.3.1 Field Logbook*

Sample control and tracking information will be recorded in bound field logbooks and will include the following information: sample/well number, sampler's name, method of sampling, ambient weather conditions, and miscellaneous observations. Also, field instrument calibrations will be recorded in a designated portion of the logbook at the time of the calibration. Adverse trends in instrument calibration behavior will be corrected. At the conclusion of each day in the field, the sampling team leader will review each page of the logbook for errors and omissions. He or she will then date and sign each reviewed page.

### *12.5.4 Survey of Points*

Individual MI sampling locations will not be surveyed, however; grid nodes for each MI sample area and the boundary for the entire MI sample area will be surveyed.

Excavation, soil, sediment, and MI sample locations will be horizontally accurate to $\pm$ 0.1 feet. A semi-permanent monument (i.e. wooden stake driven into the ground) will be used to mark trench ends; soil sample locations; and MI grid nodes and sample boundaries. The elevation of trench and soil boring locations will be determined to within $\pm$ 0.3 feet.

### *12.5.5 Decontamination Procedures*

Decontamination of sampling equipment (i.e. stainless steel spoons and bowls will be completed as discussed in Section 12.9.

## *12.6 WELL INSTALLATION*

Methods to be used for boring completion, well installation, sampling, and decontamination will be discussed in the following sections.

### *12.6.1 Sampling Strategy*

Boreholes for the installation of monitoring wells will be drilled to the point where ground water is encountered using air-rotary (AR) casing advance drilling methods. It is anticipated that a typical depth to first water will be between 20 and potentially greater than 2,000 feet bgs Alternative methods, such as water rotary, mud rotary, and Rotosonic methods; may be proposed by the implementing contractor on a case-by-case basis. If mud rotary is implemented, only polymer drilling fluid additives will be used during the drilling process; their use must be approved in advance by the USACE Technical Representative. Rotosonic methods of drilling have been utilized at FWDA with limited success in previous investigation efforts; use of Rotosonic drilling may be re-evaluated and consideration given for this effort.

AR casing advance drilling will be the preferred method to advance the boring into bedrock (to confirm the stratigraphic formation), and ultimately, first water within the target formation. Subsurface samples will be collected using AR coring. Generally, boreholes for shallower wells will be continuously AR cored; and boreholes for deeper wells will be advanced to the anticipated depth of the geologic formation; with AR coring used to confirm the absence/presence of the stratigraphic formation and ground water. AR coring will be used to retrieve 5-, 10-, or 20-foot long rock cores from the borehole for lithologic logging and to identify potential water-bearing zones.

No geotechnical samples will be collected from screened intervals in bedrock.

The AR compressor will be equipped with a replaceable air filter that will be maintained as per the manufacturer's recommendations.

All drill cuttings and drilling fluids used during the drilling process will be collected and containerized, and managed as investigation-derived waste (IDW) as outlined in Section 12.10. Any additional water brought to the surface during drilling will be collected and containerized, and managed as IDW as outlined in Section 12.10.

If no water-bearing zone is encountered within plus/minus 100 feet of the target depth in shallow borings or within plus/minus 300 feet of the target depth in deep borings, drilling will cease and the USACE Technical Representative contacted for further direction.

Detailed lithologic logs will be prepared as described in Section 12.6.6.

### *12.6.2 Subsurface Soil Sample Retrieval Methods*

Subsurface sampling will be accomplished using AR techniques. Generally, boreholes for shallower wells will be continuously AR cored; and boreholes for deeper wells will be advanced to the anticipated depth of the geologic formation; with AR coring used to confirm the stratigraphic formation and ground water. AR coring will be used to retrieve 5-, 10-, or 20-foot long rock cores from the borehole for lithologic logging and to identify potential water-bearing zones.

No geotechnical samples will be collected from screened intervals in bedrock.

Lithologic sampling will be conducted continuously in drilled borings. Borings will be completed using AR drilling techniques with lithologic sampling based on continuous-core sampling from surface to final depth in shallow borings; and from drill cuttings from surface to the anticipated target depth, with continuous core sampling to final depth in deep borings.

Continuous core sampling will be performed in areas where detailed soil and rock descriptions are required. A drill rig with wireline continuous coring capabilities and capability to operate in AR mode will be used for sampling. With this method, a 5-foot, 10-foot, or 20-foot long split core barrel will be advanced into deeper unconsolidated soils and bedrock.

After retrieval of the core barrel at each sample interval, the barrel will be opened and the length of core retrieved will be compared to the length of the core barrel and recorded as feet of sample per feet of core barrel. For example, 6 feet of core recovery in a 10-foot long core barrel would be recorded as 6 feet/10 feet. Lithologic samples will be fully described according to the procedures outlined in Section 12.6.6.

After the contents of the core barrel are measured and described, the core will be boxed for future reference. Each box contains longitudinal separators that contain approximately 2 feet of core. Each recovered core will be laid out within the longitudinal separators of each core box, as a newspaper would read, from left to right and top to bottom. The depth below ground surface of the top and bottom of each core run (5 or 10 feet, as applicable) will be clearly marked with indelible ink on wooden separators that will be placed at the top and bottom of each core within the box and in areas where samples were collected. The outside of each core box will be marked as to top and bottom orientation, as well as the depth interval represented by the box. Each box must also be permanently marked internally with a "UL" as to the upper left hand corner of the box. A photograph will be made of each core box after it is filled to capacity, to permanently record the unaltered appearance of the soil or rock. Rock core will be dampened before photographing to reveal visual details which would not otherwise be apparent.

Non-cohesive or saturated soils will be wrapped in cellophane or placed in plastic bags before being transferred to the core boxes to prevent the loss of sample and to protect the boxes from excessive water damage. Cohesive soils and rock core will be separated into 2 foot sections with a trowel or rock hammer so that the core will fit into the longitudinal sections. Fractured, bedded, or jointed pieces of core should be fit together as they naturally occur. With rock core, careful note will be made of the orientation, including dip of any subsurface structures encountered including joints, seams, fissures, and sections of pulverized rock (which could indicate faulting).

At the completion of each borehole, the core boxes will be transported to an onsite FWDA building for storage, and later acquisition by the USACE. The contractor will coordinate with the BRAC Environmental Coordinator (BEC) for building access.

### ***12.6.3 Borehole Logging***

All new boreholes drilled in consolidated rock will have a suite of down-hole geophysical, hydrophysical and imaging procedures performed. As noted below, a number of the proposed methods require the presence of a conductive fluid in the borehole. All methods will be used at each borehole if possible. Adjustments to the logging suite will be made to respond to borehole specific conditions.

#### *12.6.3.1 Neutron-Density*

Neutron-density logs will be generated as a means to describe the primary porosity of the subsurface geologic units, and gather supplemental information

regarding the lithology and formation fluid type. The neutron tool will be calibrated against a saturated limestone standard and can be used in a dry borehole.

#### *12.6.3.2 Resistivity*

Long- and short-normal, lateral and single-point resistivity logs will be generated, as appropriate, to distinguish among various subsurface geologic units by recording their varying resistive response to a generated electrical signal. Highly resistive units such as mudstones and siltstones can be clearly marked by the resistivity log. In addition, differences in resistive response will be evaluated for the potential presence of distinct water-bearing zones. Use of this logging tool requires a conductive fluid to be present in the borehole.

#### *12.6.3.3 Induction*

Induction logs will be recorded to determine varying formation conductivity as a means to differentiate among subsurface geologic units adjacent to the downhole tool. Because induction tools measure conductivity directly, they are especially effective for low resistivity units, such as sandstones with high porosities. Induction logs can also be used in dry boreholes as the tool does not require electrical contact with the formation. The complementary use of induction and resistivity logging maximizes the gathering of data for these related techniques.

#### *12.6.3.4 Caliper*

A caliper log will be generated to provide a continuous record of well diameter and will be used to detect fracture openings or changes in borehole diameter. Changes in the borehole diameter may be related to fractures, changes in lithology, borehole construction, or hole integrity. This methodology is applicable for dry and fluid-filled boreholes.

#### *12.6.3.5 Dip Meter*

A dip meter microconductivity log will be generated for each borehole, as appropriate, to identify and evaluate the mean strike and dip of formation bedding, formation contacts, fracture features, faults, and other discernable stratigraphic features. The dip meter log will be created following the generation and assessment of the caliper log. The dip meter requires the presence of a conductive fluid in the borehole.

#### *12.6.3.6 Heat-Pulse Flowmeter*

A heat-pulse flowmeter log will be generated to record the direction and magnitude of vertical fluid flow within the borehole to identify water-producing or water-losing fractures at the borehole face. Measurements will be collected at discrete locations, above and below fractures identified by the other logging techniques, or as a continuous log in a trolling mode. A heat-pulse flowmeter with a flow diverter can measure flows as low as 0.01 gal/min (+/- 0.005); if a

more sensitive meter is available, it may be required for ultra-low flow boreholes that could potentially be encountered.

#### *12.6.3.7 Digital Acoustic Televiewer*

An acoustic televiewer logger will be used to create an magnetically oriented ultrasonic image (360 degree) of the acoustic reflectivity of the borehole wall. Downhole structures, such as fractures, will be recorded as dark linear features on the image; because the image is magnetically oriented, the strike and dip of the feature can be determined. This logging methodology is applicable to both dry and fluid-filled boreholes.

#### *12.6.3.8 Borehole Analog Televiewer*

As a supplement to the acoustic televiewer, more conventional analog downhole video camera logs will be utilized. The log will consist of two views of each borehole, one down the hole, and a second, mirror-enabled side view. The method is applicable in both dry and fluid-filled boreholes, although turbid fluids can severely restrict the usability of the resultant log.

### ***12.6.4 Aquifer Property Testing***

Aquifer evaluation using wireline straddle packer tests will be conducted in the open boreholes for each newly installed monitoring well to evaluate the hydraulic properties of the geologic materials in which the well is to be screened. Packer tests will be conducted within a number of discrete depth intervals within the borehole, as allowed by downhole conditions, to identify potential preferential flow intervals and/or variations in flow characteristics with depth.

The wireline straddle packer test consists of the measuring of the rate of flow and/or pressure buildup/decay in the selected downhole test interval over a period of time. The test procedure may consist of injection tests, discharge tests, and/or recovery tests. Selection of the specific test procedure will take place after evaluation of the downhole conditions encountered during drilling of the borehole, and conduct of the downhole geophysical logging procedures. Packer inflation may be achieved either by hydraulic or compressed gas methods.

To ensure that all data collected during the tests are accurate and representative of the zone(s) of interest, the drill stem/test equipment must be inspected to verify that the assembly is not leaking. Leaks may occur through water supply lines or drill rod, or past the packers, and will have the effect of increasing the apparent permeability of the test zone. The negative effects of leaks become more significant when working with low permeability zones and/or relatively high injection pressures.

#### *12.6.4.1 Test Methodology - Injection Test*

The injection test, conducted in non-artesian conditions, requires that quantities of water are injected into the selected formation interval at specific pressure

steps, and the resulting pressure is recorded when the flow has reached a semi-steady state condition.

Expected injection rates and pressure will be determined by examination of the drill core from the borehole, based primarily on the estimated primary (matrix) and secondary (fracture) permeability.

The test will be conducted in a number of steps, or rates of injection. Flow readings will be recorded every minute until three consistent readings are noted. This will represent steady-state flow at the given injection rate. The injection rate will then be increased; flow will be observed/recorded until steady state is reached for this injection rate. Typically, 3 to 5 steps of increasing rates will be incorporated, followed by 2 to 4 steps of decreasing injection rates.

#### *12.6.4.2 Test Methodology - Discharge Test*

The discharge test, conducted in artesian conditions, records the natural formation pressure response after an equilibrated shut-in is allowed to decay with time. This test procedure requires that extra effort be expended to ensure that the packer seals are tight, as pressure loss via poor seals cannot be distinguished from the natural pressure loss from the formation in the test data.

Typically, the drill stem/test equipment will be closed off, and the aquifer pressure allowed to equilibrate to a steady-state condition for a period of at least 3 minutes. The resultant shut-in pressure is recorded and then the drill stem/test equipment are opened and the pressure allowed to decay. A logarithmic record of the decrease in pressure versus time is recorded.

#### *12.6.4.3 Test Methodology - Recovery Test*

The recovery test is typically performed immediately following completion of the discharge test. The drill stem/test equipment is sealed at the point of steady state in the preceding discharge test. This allows the formation pressure to recover, with the relationship of time versus pressure recorded.

#### *12.6.4.4 Data Analysis*

For the injection test methodology, analysis of the data, that will consist of plots of flow versus pressure, will be evaluated to determine a number of physical characteristics of the test interval. The shape of the data curves, when compared with known type curves of various flow conditions, can provide data regarding the presence of the following:

- Laminar versus turbulent flow,
- Tight fractures and/or low permeability materials,
- Highly permeable, large open fractures,

- High permeability with decrease in flow, related to change from laminar to turbulent flow, associated with partial clogging of fractures with time,

- Initial low permeability followed by an increase associated with washing out of deposits within fractures or physical opening of fractures (hydrofracturing), and/or

- Progressive decrease in permeability with pressure and time, indicating blocking of fractures by transported material.

Effective transmissivity will be estimated by the analysis of the injection test data with the Thiem equation.

For the discharge test, the test data (consisting of a logarithmic plot of pressure versus flow) will be analyzed using a modified Jacob-Lohman straight-line equation or by a modified Thiem equation, as appropriate. In this manner, a estimated value for apparent transmissivity will be generated.

The pressure readings recorded during the recovery test will be plotted against the log10 ratio of the time since the discharge test started over the time since the recovery test has started. The apparent transmissivity of the test interval will be estimated using the Cooper-Jacob method. Because the recovery test is conducted under the same borehole conditions (artesian) and with the identical drill stem/test equipment orientation, the two estimated values of apparent transmissivity will be compared and any contrasts noted.

### *12.6.5 Monitoring Wells*

As described above, borings for the installation of monitoring wells will be drilled using AR casing advance drilling. Site-specific drilling conditions will determine final finished depths. Alternative methods, such as water rotary, mud rotary, and Rotosonic methods; may be proposed by the implementing contractor on a case by case basis. If mud rotary is implemented, only polymer drilling fluid additives will be used during the drilling process.

Siting rationale for the proposed wells is presented in the following sections and summarized in Table 6-5.

During previous drilling operations conducted at FWDA, it was noted that the downhole air pressure generated by AR drilling techniques could, on occasion, affect nearby shallow wells. In these instances, air was observed to be venting from the ground at the existing well. The air pressure could permanently degrade the effectiveness of the seal between the grout and the shallow soils/sediments in nearby wells, allowing near surface chemical impacts (if present) to migrate to lower water bearing zones. Therefore, proposed monitoring wells that are located near existing shallow wells will be completed in boreholes that are located a minimum of 100 feet away.

At least one of the targeted water-bearing unit, namely the San Andres Limestone/Glorieta Sandstone Formation, is known to be flowing artesian aquifer

in some locations. An example of this is FWDA's Well No. 69, which is installed in San Andres Limestone/Glorieta Sandstone. When first drilled, Well No. 69 flowed 33 gallons per minute (gpm) at 4 pounds per square inch (psi) at the wellhead (USGS, 1971). Because this potential for flowing artesian wells exists, typical well building may be required to be altered (e.g., pre-packed screens and casing packers; or open, non-screened rock well) and water flowing at the surface will need to be addressed (e.g. containerized and disposed or surface discharge). If flowing artesian conditions are encountered, drilling will cease and the USACE Technical Representative will be contacted for further instruction.

Because several of these wells are being installed to significant depths through multiple water-bearing zones, non-typical well construction methods (e.g. nested wells, placed with casing advance methods to seal penetrated water-bearing zones) and materials (e.g. stainless steel well casings and wire-wrapped screens to support both string weight and hanging weight) may need to be utilized. Wells requiring non-typical drilling and construction methods are presented in the following sections.

#### *12.6.5.1 Well Installation*

Upon completion of the monitoring well boring, the site geologist will evaluate the plumbness and cleanliness of the hole. Plumbness will be obtained through careful leveling of the drill rig prior to initiation of the drilling. During the drilling process, the site geologist and the drilling supervisor will require maintenance of an efficient and controlled drilling rate to eliminate wobble and/or chatter of the drill stem.

All required well materials will be available on site prior to initiation of well construction. Well materials will be new components, wrapped in sterile packaging; or new components thoroughly decontaminated prior to placement in the monitoring well boring. Used well materials will not be used in well construction.

All wells installed will be a standard 1-inch PVC or stainless steel, depending on the final depth of the well. Because several water-bearing zones can potentially be penetrated by a single boring, nested wells are proposed to address all water-bearing zones encountered in a single borehole.

##### *12.6.5.1.1 Stand-Alone Monitoring Wells*

In the event a borehole is completed to a depth that only encounters a single water-bearing zone that does not require the installation of a nested well group, a single-cased well will be installed.

Monitoring wells will be constructed in a manner consistent with State of New Mexico and RCRA Guidance (USEPA, 1992). Proposed wells and projected depths are shown in Table 6-5.

The wells will be constructed as shown in the well construction diagram in Figure 12-3, and will consist of the following materials:

- Casing and screen will be threaded Schedule 40 PVC (depths under 300 feet bgs) or grade 304, 316, or 316L corrosion-resisting stainless steel (depths over 300 ft bgs), 1-inch nominal inside diameter. The well screen will be factory slotted or wire wrapped, with a slot width of 0.010-inch. Monitoring well screen lengths are estimated to be 10 feet, but may vary depending on site conditions. The well will be fitted with a vented cap;

- Grout will be composed by weight of 20 parts Portland cement (Type II or V), up to 1 part bentonite, with a maximum of 8 gallons of water from an approved water source per 94-pound bag of cement;

- Commercially available bentonite pellets will be utilized to construct the well seal;

- The filter sand used for the filter pack will be selected to be compatible with both the well screen size and the aquifer materials;

- A protective steel casing will be installed around all wells. This casing will extend approximately 2.5 feet above the ground, and be seated 2.5 feet in the well seal grout. This casing will have a locking, hinged cap, and will be vented to the atmosphere. A 0.25-inch diameter drainage port will be installed, centered directly above the level of the internal grout collar;

Filter material will be installed, using a rigid tremie pipe, around the well screen and will extend to a point at least 2 feet above the top of the screen, if possible. An extra foot of finer sand will be placed above the preceding filter pack, for a total of three feet of filter material above the top of the screen. A surge block will be used during filter pack placement to ensure the filter material settles prior to installation of the bentonite seal. The bentonite seal, also installed with a rigid tremie pipe, will extend a minimum of 2 feet (measured pre-swelling) above the top of the filter material. If necessary, as the bentonite is placed, approved water will be added to ensure that the pellets expand to form a tight seal. To allow for proper sealing of the bentonite seal, the wetted pellets will be allowed to expand for a period of approximately one half hour prior to placement of the grout.

The bentonite-cement grout seal will extend from the top of the bentonite seal to the land surface. Grouting will take place as a single continuous operation under the guidance of the site geologist. The grout will be placed in the annular space, under pressure, using a rigid tremie pipe with a side discharge, which will extend to the top of the bentonite seal. Grout will fill the annular space from bottom to top. Depending on depth of the well, grouting may need to be completed in multiple events to avoid heating the PVC well material to a point it becomes soft and collapses from the weight/pressure of the grout column. No more than 100 feet of grout should be placed at a single time, without the grout being allowed to cure for 24 hours.

The rim of the casing will be marked with a notch or other permanent indication to serve as a consistent reference point for water level measurements.

Approximately 24 hours after the grout has set, the well site will be inspected to determine if grout settling has occurred. If this is observed, additional grout of approved composition will be added to fill any depressions.

A 4-foot square concrete pad will be installed at each well site. The surface of the pad will be gently sloped away from the protective steel casing to facilitate drainage of rainwater. Protective steel posts will be installed at the four corners of the concrete pad. The protective well casing will be painted with high-visibility orange paint, and the well number will be stenciled on the side of the protective casing.

Upon completion, all drill sites will be cleared, cleaned, and leveled. Roads will be left as-built to provide a safe access to the well location for future sampling.

Cuttings and fluids generated during drilling of monitoring wells will be containerized and staged at a central location or transported and placed in a centrally located roll-off container. Cuttings and fluids will be managed as IDW according to the procedures outlined in Section 12.10.

A well construction diagram will be prepared for each monitoring well and will depict the following details of well construction, as measured from the ground surface:

- Bottom of the boring,
- Screen location,
- Coupling location,
- Granular filter pack placement,
- Location of bentonite seal,
- Grout location,
- Cave-in areas,
- Casing stick-up,
- Protective casing details, and
- Quantity of as-built composition of well materials.

*12.6.5.1.2 Nested Monitoring Wells*

As noted in Section 12.6.5.1, because several water-bearing zones can potentially be penetrated by a single boring, nested wells are proposed to address all water-bearing zones encountered within a single borehole.

Monitoring wells will be constructed in a manner consistent with State of New Mexico and RCRA Guidance (USEPA, 1992). As previously noted, alternative

methods may be required to install deeper boreholes and will be proposed on a case-by-case basis.

Because several of these wells are being installed to significant depths, and potentially through multiple water-bearing zones, non-typical well construction methods (e.g., nested wells, installed with casing advance methods to seal penetrated aquifers) and materials (e.g., stainless steel well casings and wire-wrapped screens) to support forces exerted on the casing/screen during well construction may need to be utilized. Well information is summarized in Table 6-5.

The wells will be constructed as shown in the well construction diagram in Figure 12-4, and will consist of the following materials:

- Casing advance will be used to seal water-bearing zones as the borehole is advanced. The casing used for casing advance will be either threaded or welded steel, with diameters providing a minimum annular space for multiple well casings. The casing will be a minimum 12-inch to allow for placement of the nested well casings and screens.

- Casing and screen will be threaded Schedule 40 PVC (depths under 300 feet bgs) or grade 304, 316, or 316L corrosion-resisting stainless steel (depths over 300 ft bgs), 1-inch nominal inside diameter. The well screen will be factory slotted or wire wrapped, with a slot width of 0.010-inch. Monitoring well screen lengths are estimated to be 10 feet for wells under 300 feet bgs and 30 feet for wells over 300 feet bgs, but may vary depending on site conditions. The well will be fitted with a vented cap;

- Centralizers, constructed of a stainless steel or PVC (similar in grade to the casing and screen), will be installed on the well screen to ensure it is centered in the borehole. At least three centralizers will be placed on each screen below each bentonite seal;

- Non-flowing artesian and non-artesian wells will be fitted with a vented cap. Flowing artesian wells will be fitted with a sealed cap with a manual shut-off valve to aid in installation of the cap and to eliminate flow;

- Grout will be composed by weight of 20 parts Portland cement (Type II or V), up to 1 part bentonite, with a maximum of 8 gallons of water from an approved water source per 94-pound bag of cement;

- Commercially available bentonite pellets will be utilized to construct the well seal. If deemed necessary, permanently installed packers may be used in conjunction with bentonite to aid in the well sealing;

- The filter sand used for the filter pack will be selected to be compatible with both the well screen size and the aquifer materials;

- A protective steel casing will be installed around all wells. This casing will extend approximately 2.5 feet above the ground, and be seated 2.5 feet in the

well seal grout. This casing will have a locking, hinged cap, and will be vented to the atmosphere. A 0.25-inch diameter drainage port will be installed, centered directly above the level of the internal grout collar;

Nested wells will be constructed, progressing from the deepest well to the shallowest well. Each nested well will be fully constructed and set prior to starting the successive nested well within that nested group.

Filter material will be installed, using a rigid tremie pipe, around each well screen and will extend to a point at least 2 feet above the top of the screen, if possible. An extra foot of finer sand will be placed above this filter pack, for a total of three feet of filter material above the top of each screen. A surge block will be used during filter pack placement to ensure the filter material settles prior to installation of the bentonite seal. The bentonite seal, also installed with a rigid tremie pipe, will extend a minimum of 2 feet (measured pre-swelling) above the top of the filter material. If necessary, as the bentonite is placed, approved water will be added to ensure that the pellets expand to form a tight seal. To allow for proper sealing of the bentonite seal, the wetted pellets will be allowed to expand for a period of approximately one half hour prior to placement of the grout.

The bentonite-cement grout seal will extend from the top of the bentonite seal to the bottom of the next shallower water-bearing zone to be screened. Grouting will take place as a single continuous operation under the guidance of the site geologist. The grout will be placed in the annular space, under pressure, using a rigid tremie pipe with a side discharge, which will extend to the top of the bentonite seal. Grout will fill the annular space from bottom to top. Depending on depth of the well, grouting may need to be completed in multiple events to avoid heating PVC well material to a point it becomes soft and collapses from the weight/pressure of the grout column. No more than 100 feet of grout should be placed at a single time on PVC well material, without the grout being allowed to cure for 24 hours. Grout will be placed to the bottom of the next shallower water-bearing zone and allowed to cure for 24 hours prior to initiating the next shallower well installation. After the grout has set, the well site will be inspected to determine if grout settling has occurred. If this is observed, additional grout of approved composition will be added to bring the grout column to the appropriate depth.

The rim of the casing will be marked with a notch or other permanent indication to serve as a consistent reference point for water level measurements.

The final bentonite-cement grout seal will extend from the top of the last bentonite seal to the land surface. Approximately 24 hours after the surface grout has set, the well site will be inspected to determine if grout settling has occurred. If this is observed, additional grout of approved composition will be added to fill any depressions.

A 4-foot square concrete pad will be installed at each well site. The surface of the pad will be gently sloped away from the protective steel casing to facilitate drainage of rainwater. Protective steel posts will be installed at the four corners

of the concrete pad. The protective well casing will be painted with high-visibility orange paint, and the well number will be stenciled on the side of the protective casing.

Upon completion, all drill sites will be cleared, cleaned, and leveled. Roads will be left as-built to provide a safe access to the well location for future sampling.

Cuttings and drilling fluids generated during drilling of monitoring wells will be containerized and staged at a central location or transported and placed in a centrally located roll-off container. Cuttings and fluids will be managed as IDW according to the procedures outlined in Section 12.10.

A well construction diagram will be prepared for each monitoring well and will depict the following details of well construction, as measured from ground surface:

- Bottom of the boring,
- Screen location,
- Coupling location,
- Granular filter pack placement,
- Location of bentonite seal,
- Grout location,
- Cave-in areas,
- Casing stick-up,
- Protective casing details, and
- As-built composition of well materials.

#### *12.6.5.2 Well Development*

Well development of newly-installed monitoring wells will begin no sooner than 48 hours after placement of the grout; development must begin no later than 7 days after placement of the grout. Development will be conducted using an electric submersible pump, gas lift pump or bottom discharge bailer dependent upon water level and well yield. Development may be supplemented with the use of a surge block if required to remove significant quantities of fine materials blocking the aquifer face, filter material, and/or the well screen.

Well development will proceed until the following criteria are met:

- The well water is clear to the unaided eye;

- The sediment thickness remaining in the well is less than 1 percent (%) of the screen length; and

- The required minimum volume of water has been removed.

A saturated well volume consists of the volume of standing water in the well casing and the volume of water in the filter material (assuming 30% porosity of the filter material).

For wells installed utilizing AR drilling methods, five saturated well volumes plus five times the volume of any water used in filter material placement or bentonite wetting will be removed. A saturated well volume consists of the volume of standing water in the well casing and the volume of water in the filter material (assuming 30% porosity of the filter material). For wells installed utilizing water or mud rotary drilling methods, five saturated well volumes plus five times the volume of any drilling fluid used in filter material placement or bentonite wetting will be removed.

If the well development criteria outlined above cannot be attained, alternative criteria will be implemented. In the event that the volume of water calculated by the appropriate method described above cannot be removed from the well, three well volumes will be removed. Wells, which recharge very slowly causing them to be pumped to dryness during development, will be pumped to dryness five times. Wells continuing to produce turbid water after the appropriate volumes of water have been removed, will be pumped to remove two additional well volumes, or to dryness two additional times, in an attempt to clear the water as much as possible.

During well development, the pump or pump intake pipe will periodically be raised and lowered through the entire saturated length of the casing to ensure that all portions of the water column are affected.

All well development water will be containerized and managed as an IDW according to the procedures outlined in Section 12.10.

The well development process will include the washing of the well cap and interior of the well casing above the ground water level. This washing will take place before or during the development process.

During development, the site geologist or designated field technician will maintain a well development log (Appendix G). Information to be recorded on this log is as follows:

- Well designation;

- Date(s) of well installation;

- Date(s) of well development;

- Static water level from top of well casing before and 24 consecutive hours after development;
- Quantity of mud/water:
  a. Lost during drilling,
  b. Removed prior to well construction,
  c. Lost during thick fluid displacement, and
  d. Added during granular filter placement;
- Quantity of fluid in well prior to development:
  a. Standing in well, and
  b. Contained in saturated annulus;
- Field measurement of pH and specific conductance, temperature, and turbidity before, twice during, and after development;
- Depth from top of well casing to bottom of well (from well construction diagram);
- Screen length (from well construction diagram);
- Depth from top of well casing to top of sediment inside well, before and after development;
- Physical character of removed water, including changes during development in clarity, color, particulates, and odor;
- Type and size/capacity of pump and/or bailer used;
- Description of surge technique, if used;
- Height of well casing above ground surface;
- Typical pumping rate;
- Estimated recharge rate; and
- Quantity of fluid/water removed and time for removal (incremental and total).

*12.6.5.3 Water Level Measurements*

All water level measurements in newly-installed monitoring wells, as well as existing wells to be sampled, will be obtained with an electric water level tape. Measurements will be made relative to a notch or other permanent mark, which serves as a consistent reference point. These measurements will be accurate to ± 0.01 feet.

### *12.6.6 Field Documentation*

#### *12.6.6.1 Field Logbook*

Sample control and tracking information will be recorded in bound field logbooks and will include the following information: boring number and location, date, drilling equipment, driller's name, sampler's name, method of sampling, sample depth, soil sample physical description, ambient weather conditions, and miscellaneous observations. Also, field instrument calibrations will be recorded in a designated portion of the logbook at the time of the calibration. Adverse trends in instrument calibration behavior will be corrected. At the conclusion of each day in the field, the sampling team leader will review each page of the logbook for errors and omissions. He or she will then date and sign each reviewed page.

#### *12.6.6.2 Drilling Logs and Documentation*

The site geologist(s) will record detailed lithologic information during the drilling and installation of all monitoring wells. Standard well logs will be utilized in the field; transposition of the logs from a field logbook to a log form will not be allowed. Log forms are included in Appendix G. The information to be recorded is described below.

##### *12.6.6.2.1 Sample Descriptions*

- Depths/heights will be recorded in feet and/or fractions of feet;
- Soil classifications in accordance with the Unified Soil Classification System (USCS) will be field determined and recorded;
- Soil samples will be fully described on the drilling log. Split spoon and continuous core sample descriptions will include:
- USCS classification,
- Secondary components and estimated percentages,
- Color (using Munsell® Soil Color Chart),
- Plasticity,
- Consistency (cohesive soil) or density (noncohesive soil),
- Relative moisture content,
- Texture/fabric/bedding,
- Grain angularity, and
- Depositional environment and Formation, if named;

- Descriptions of soil or rock Cuttings will include:
- Classification,
- Lithologic characteristics,
- Color (using Munsell® Soil Color Chart), and
- Hardness;
- Rock samples from continuous core will be fully described on the drilling log. Sample descriptions will include:
- Rock type,
- Color (using Munsell® Soil Color Chart),
- Grain size, sorting, and angularity,
- Gross petrology,
- Type and degree of cementation,
- Degree of weathering,
- Structures (bedding, discontinuities, fractures, solution cavities, fossils, etc.,), and
- Depositional environment and formation, if named;
- Visual numeric estimates will be made of secondary soil constituents. If terms such as "trace", "some", or "several" are used, their quantitative meaning will be defined on a general legend to be submitted with the logs;
- The length of sample recovered for each sampled interval will be recorded;
- Blow counts, hammer weight, and length of fall will be recorded;
- The estimated interval for each sample will be recorded; and
- When used to supplement other sampling techniques, disturbed samples (e.g., wash samples, cuttings, auger flight samples) will be lithologically described to the extent practical.

*12.6.6.2.2 Drilling Actions*

- A description of the drill action will be recorded;
- Depth to first encountered free water will be indicated along with the method of determination. The first encountered water will be allowed to partially

stabilize (5 to 10 minutes) and a secondary level and time between measurements will be recorded. Any other distinct water level(s) identified below the first level will be noted;

- The drilling equipment (rod size, bit type, pump type, rig manufacturer and model) will be described in a general legend including a description and dimensions of the core barrel used (if applicable);
- The volume and type of drilling fluid (i.e. gallons of water, pounds of drilling bentonite, pounds of drilling polymers, etc.) used during drilling (including water injected during AR drilling) will be recorded;
- The drilling sequence and time log will be recorded;
- All special problems and their resolution will be noted on the log;
- The dates for the start and completion of borings will be recorded along with notation by depth for drill crew shifts and individual days;
- Each sequential boundary between various soils and individual lithologies will be noted on the log by depth. When depths are estimated, the estimated range will be noted;
- The pumping pressures typically used during all rotary drilling will be noted;
- The total depth of drilling or sampling, whichever is deeper, will be clearly identified on the log;
- Significant color changes in the drill cuttings, depth at which the change occurred, and a lithologic description of the cuttings before and after the change will be recorded; and
- Special abbreviations used on a log will be defined in the general legend. This legend will be sent to USACE with the first boring log, and an addendum will be sent with the last log, if necessary.

### *12.6.7 Survey of Points*

Each monitoring well and soil boring location will be surveyed by a professional surveyor licensed by the State of New Mexico. The map coordinates will be determined using the New Mexico State Planar grid. All elevation data will be referenced to the National Geodetic Vertical Datum of 1983. The survey data will be tied into the existing FWDA well survey.

Monitoring well and soil boring locations will be horizontally accurate to $\pm$ 0.1 feet. For monitoring wells, both the elevation of the natural ground surface at the well site and the rim of the uncapped well casing adjacent to a notch or other permanent mark will be determined to within $\pm$ 0.01 feet. The elevation of soil boring locations will be determined to within $\pm$ 0.3 feet.

## 12.7 GROUND WATER SAMPLING OF NEWLY INSTALLED WELLS

### 12.7.1 Ground Water Elevation Surveys

Measurement of ground water levels in all existing wells listed in Table 6-1 will be made over a single, 8- to 10-hour period. When a ground water elevation survey event coincides with a ground water sampling event, water level data collection will occur prior to the start of sample collection.

The depth to ground water from the surveyed reference mark will be measured and recorded to the nearest 0.01 foot. The well total depth will also be measured and recorded. A blank ground water elevation survey form is included in Appendix G.

### 12.7.2 Ground Water Sampling

The Army proposes to install dedicated low flow sampling pumps (QED Environmental Sample Pro pumps, Zone Isolation Sampling System (ZIST), or equivalent) in each well to be sampled, and will attempt to perform sampling at all wells using low flow techniques as outlined in the NMED Position Paper entitled *Use of Low-Flow and Other Non-Traditional Sampling Techniques for RCRA Compliant Groundwater Monitoring* (NMED, 2001). Detailed low flow sampling procedures are provided below.

If a well is pumped dry during purging using low-flow techniques, where stabilization of indicator parameters cannot be achieved, samples will be collected in the following manner (using a properly selected pump): collect indicator parameters, when the well purges dry the sampler will note so in the log book and include the total volume of water removed, once the well is allowed to recover the sample will be collected. Indicator parameters will be collected from the well prior to sample collection.

Boreholes containing more than one flow zone will have nested wells installed to facilitate discrete sampling. Sample collection will include all flow zones, and each flow zone will be isolated from other flow zones.

### 12.7.3 Low Flow Purge and Sampling Procedures

#### *12.7.3.1 Dedicated Sampling Equipment*

Prior to the first sampling event, dedicated, adjustable rate, low flow pumps constructed of stainless steel, and/or Teflon and polyethylene will be installed in each well identified for sampling in Tables 6-1 and 6-5. Low-density polyethylene (LDPE) tubing will be used for both the air line and ground water discharge line of the pump for each well. Small diameter tubing for the ground water discharge line will be used to help ensure discharge tubing remains liquid filled when operating at very low pumping rates.

#### *12.7.3.1.1 Traditional Low Flow Pumps*

Traditional low flow pumps will be installed prior to the first sampling event.

The pump intake will be located approximately 2 feet from the bottom of the screened interval, to ensure that water will enter the pump from the formation and not the well casing; and to minimize mobilization of particulates present in the bottom of the well.

#### *12.7.3.1.2 ZIST Low Flow Pumps*

Zone Isolation Sampling System (ZIST) low flow pumping systems will be installed prior to the first sampling event. The ZIST consists of a low flow pump and in-well docking system.

These systems will be installed to isolate the screened interval from the casing with a mechanical packer, to ensure that water will enter the pump from the formation and not the well casing.

Additionally, pumping rates at each well proposed for ZIST purging and sampling will be determined prior to the first sampling event to ensure the pumping rate causes no drawdown of the water column.

### *12.7.3.2 Other Sampling Equipment*

The following additional equipment is necessary to conduct low flow ground water sampling activities.

- Electronic water level meter, capable of measuring to 0.01 feet accuracy.
- Flow measurement supplies (e.g., graduated cylinder and stopwatch).
- Power source (generator, portable rechargeable battery, etc.). If a gasoline generator is used, it will be located downwind and at least 15 feet from the well so that the exhaust fumes do not contaminate the samples.
- Oil-less air compressor or pressurized gas cylinder for operation of sampling pump.
- Indicator field parameter monitoring instruments for pH, dissolved oxygen (DO), turbidity, specific conductance, and temperature. A flow-through-cell will be used to measure all listed parameters, except turbidity.
- Decontamination supplies including non-phosphate detergent, deionized water, brushes, and buckets.
- Logbook and ground water sampling forms.
- Disposable latex or nitrile gloves.

- Sample Bottles.
- Sample preservation supplies (as required by the analytical methods).
- Sample labels.
- Well construction data, location map, field data from last sampling event.
- Well keys.

#### *12.7.3.3 Preliminary Site Activities*

The well will be checked for security damage or evidence of tampering, and pertinent observations will be recorded. A sheet of clean polyethylene will be laid on the ground surface surrounding the wellhead to prevent monitoring and sampling equipment from touching the ground.

#### *12.7.3.4 Purging and Sampling Procedure*

Wells will be sequenced to ensure that efficiently sized daily sample lots are collected. Water generated during purging activities will be containerized and managed as IDW as described in Section 12.10.

##### *12.7.3.4.1 Measure Initial Water Level*

The water level depth (to ± 0.01 feet) will be measured prior to starting the pump. The water level probe will be carefully lowered down the well to minimize disturbance. Measurement of total well depth will not be performed until after sampling of the well is complete. All measurements will be taken from the surveyed reference point (casing notch).

These data will be recorded on the Low Flow Sampling Data Form included in Appendix G.

##### *12.7.3.4.2 Purge Well – Traditional Low Flow Pump*

The pump will be started at the lowest speed setting and slowly increased until discharge occurs. The water level will be measured again. The pump speed will be adjusted until there is little or no water level drawdown (less than 4 inches or 0.33 feet). Although the goal is a drawdown of less than 4 inches or 0.33 feet, low ground water recharge rates at many of the FWDA wells may cause this goal to be exceeded.

Because the pumps will be dedicated and will remain in place between sampling events, approximately 1 liter of water (or more, depending on pump installation depth/length of discharge tubing and volume of water contained in tubing) will be purged to clear any stagnant water from the pump and discharge tubing. The initial purge volume must be greater than the internal pump volume plus the extraction tubing volume. The water level will then be measured and recorded. If the water level has dropped more than 0.33 feet, no further purging will be

performed and sample collection will be performed as described in Section 12.7.3.4.4.

If the water level did not drop more than 0.33 feet during the initial purge, purging will continue and field indicator parameters will be monitored. The water level and pumping rate will be monitored and recorded continuously (approximately every 2-4 minutes) during purging. Any pumping rate adjustments (both time and flow rate) will be recorded. Pumping rates will, as needed, be reduced to the minimum capabilities of the pump [for example, 30 to 400 milliliters per minute (ml/min)] to ensure stabilization of indicator parameters. Adjustments will be made within the first 15 minutes of pumping in order to help minimize purging time. Every attempt will be made to not allow the water level to fall to the intake level (if the static water level is above the well screen, lowering the water level into the screen will be avoided, if possible).

During well purging, indicator field parameters (turbidity, temperature, specific conductance, pH, and DO) will be monitored and recorded continuously (approximately every 2-4 minutes) on the Low Flow Sampling Data Form (Appendix G). During the early phase of purging, emphasis will be put on minimizing and stabilizing pumping stress, and recording those adjustments. Purging is considered complete and sampling will begin when the indicator field parameters have stabilized. Stabilization has occurred when three consecutive readings are within the following limits:

- turbidity (±10% for values greater than 1 Nephelometric Turbidity Unit [NTU])
- DO (±10%); DO levels less than 1.0 milligrams per liter (mg/L) fall within the margin of error limits)
- specific conductance (±10%)
- temperature (±10%)
- pH (± 0.5 unit)

All measurements, except turbidity, will be obtained using a transparent flow-through-cell that prevents air bubble entrapment in the cell. Transparent flow-through-cells are preferred, because they allow field personnel to watch for particulate build-up within the cell. This build-up may affect indicator field parameter values measured within the cell, and may also cause an underestimation of turbidity values measured after the cell. If the cell needs to be cleaned during purging operations, pumping will continue and the cell will be disconnected for cleaning. The flow-through-cell will then be reconnected and monitoring activities will continue. When the pump is turned off or cycling on/off, water in the cell must not drain out. Monitoring probes must be submerged in water at all times, with the exception of the time spent cleaning particulate build-up in the flow-through-cell.

When indicator parameters have stabilized (or if indicator parameters have not stabilized after 30 minutes of purging), purging will be considered complete and samples will be collected as described in Section 12.7.3.4.4.

#### *12.7.3.4.3 Purge Well – ZIST Low Flow Pump*

The extraction rate from the initial setup will be duplicated to the extent practicable. The pump will be started at the predetermined extraction rate and allowed to purge until discharge occurs.

The water level will be measured during the purging process to ensure no drawdown of the water column occurs; if drawdown occurs, this will indicate the mechanical packer system has failed and the ZIST will need to be removed, inspected, and repaired before continuing.

Because the pumps will be dedicated and will remain in place between sampling events, approximately 1 liter of water (or more, depending on pump installation depth/length of discharge tubing and volume of water contained in tubing) will be purged to clear any stagnant water from the pump and discharge tubing. The initial purge volume must be greater than the internal pump volume plus the extraction tubing volume.

Purging will continue and field indicator parameters will be monitored. The water level and pumping rate will be monitored and recorded continuously during purging. Every attempt will be made to not allow the water level to fall to the intake level.

If the water level falls to the intake level during purging, the pump will be stopped and purging will be considered complete. The well will be allowed to recharge and samples will be collected from the pump discharge as soon as recovery allows. Samples will be collected as described in Section 12.7.3.4.4.

During well purging, indicator field parameters (turbidity, temperature, specific conductance, pH, and DO) will be monitored and recorded continuously on the Low Flow Sampling Data Form (Appendix G). During the early phase of purging, emphasis will be put on minimizing and stabilizing pumping stress, and recording those adjustments. Purging is considered complete and sampling will begin when the indicator field parameters have stabilized. Stabilization has occurred when three consecutive readings are within the following limits:

- turbidity (±10% for values greater than 1 Nephelometric Turbidity Unit [NTU])
- DO (±10%); DO levels less than 1.0 mg/L fall within the margin of error limits)
- specific conductance (±10%)
- temperature (±10%)

- pH (± 0.5 unit)

All measurements, except turbidity, will be obtained using a transparent flow-through-cell that prevents air bubble entrapment in the cell. Transparent flow-through-cells are preferred, because they allow field personnel to watch for particulate build-up within the cell. This build-up may affect indicator field parameter values measured within the cell, and may also cause an underestimation of turbidity values measured after the cell. If the cell needs to be cleaned during purging operations, pumping will continue and the cell will be disconnected for cleaning. The flow-through-cell will then be reconnected and monitoring activities will continue. When the pump is turned off or cycling on/off, water in the cell must not drain out. Monitoring probes must be submerged in water at all times, with the exception of the time spent cleaning particulate build-up in the flow-through-cell.

When indicator parameters have stabilized, purging will be considered complete and samples will be collected as described in Section 12.7.3.4.4.

#### *12.7.3.4.4 Collect Water Samples*

Following stabilization of indicator parameters, the flow through cell will be disconnected. Water samples will be collected directly from the pump discharge tubing, and the pump will be operated at approximately the same flow rate at which the well was purged. Personnel handling sample bottles will wear disposable latex or nitrile gloves.

A constituent sampling order will be determined prior to initiating field activities, with sample bottles for VOC and SVOC analyses filled first. All sample containers will be filled in order by allowing the pump discharge to flow gently down the inside of the container with minimal turbulence.

The tubing will remain filled with water during sampling so as to minimize possible changes in water chemistry caused by contact with the atmosphere. If the pump tubing is not completely filled to the sampling point, a clamp or connector (Teflon or stainless steel) will be added to constrict the sampling end of the tubing, or the flow rate will be increased slightly until the water completely fills the tubing.

Filtered metal water samples will be collected in an unpreserved sampling container of similar size to the final preserved sampling container. These samples will be sent to the analytical laboratory to be filtered and processed.

After a sample container is filled, the container will be immediately placed into a cooler with ice. Sample management will be conducted as discussed in Section 12.8.

#### *12.7.3.5 Post Sampling Activities*

After collection of the samples, disposable materials (e.g., disposable gloves) will be properly discarded as described in Section 12.10. The total well depth (to ± 0.01 feet) will be measured and recorded, and the well will be secured.

### ***12.7.4 Traditional Ground Water Sampling Procedures***

Low flow/low stress ground water sampling is the preferred purging and sampling method at FWDA. However, because of the uncertainty of the yield of the proposed wells, other methods of purging and sampling may be used to sample the proposed wells. If a well is unable to be low flow purged and sampled, traditional well purging using a Teflon bailer will be used to purge the wells. This section provides procedures for traditional forms of sampling.

Prior to initiation of sampling, a sampling sequence will be established; sampling will proceed from wells of known or suspected low contamination to wells of higher contamination.

These procedures provide a general framework for collecting ground water samples from wells that cannot sustain low flow sampling techniques. These procedures emphasize the need to remove sufficient volume of water from each well to ensure ground water representative of the surrounding formation is collected.

Stabilization of indicator field parameters is used to indicate that conditions are suitable for sampling to begin. If after five well volumes are evacuated during purging, indicator field parameters have not stabilized, purging will be discontinued, samples will be collected, and a full explanation of attempts to achieve stabilization will be provided.

#### *12.7.4.1 Equipment*

The following equipment is necessary to conduct ground water sampling activities.

- Dedicated Teflon or polyethylene bailers.
- Electronic water level measuring device, capable of measuring to 0.01 feet accuracy.
- Flow measurement supplies (e.g., graduated bucket and stopwatch)
- Indicator field parameter monitoring instruments with pH, Eh (or ORP), DO, turbidity, specific conductance, and temperature.
- Decontamination supplies including non-phosphate detergent, deionized water, brushes, and buckets.
- Logbook and ground water sampling forms.

- Sample Bottles.
- Sample preservation supplies (as required by the analytical methods).
- Sample labels.
- Well construction data, location map, field data from last sampling event.
- Well keys.
- OVM for health and safety purposes, and to provide qualitative field evaluations.

#### *12.7.4.2 Preliminary Site Activities*

The well will be checked for security damage or evidence of tampering, and pertinent observations will be recorded. A sheet of clean polyethylene will be laid on the ground surface surrounding the wellhead to prevent monitoring and sampling equipment from touching the ground. The well cap will be removed and VOCs will be immediately measured at the rim of the well with an OVM. The reading will be recorded in the field logbook or on the ground water sampling form. If the well casing does not have a reference point (usually a V-cut or indelible mark in the well casing), one will be made. Its location and the date of the mark will be documented in the logbook.

A synoptic water level measurement round will be performed (in the shortest possible time) before any purging and sampling activities begin. The water level depth (to +/- 0.01 feet) and total well depth (to +/- 0.1 feet) will be measured. Measurement of total well depth will not be measured until after sampling of the well is complete. All measurements must be taken from the established referenced point.

#### *12.7.4.3 Purging and Sampling Procedure*

Wells will be sampled in order of increasing chemical concentrations (known or anticipated). An additional factor to consider is that of well yield. Wells will be sequenced to ensure that efficiently sized daily sample lots are collected.

Water generated during purging activities will be containerized and managed as an IDW as described in Section 12.10.

##### *12.7.4.3.1 Install Bailer*

Sufficient cord to reach the bottom of the well will be attached to the bailer and the bailer lowered into the well.

##### *12.7.4.3.2 Purge Well*

Removal of a quantity of water equal to five times the calculated volume of standing water in the well (including the saturated annulus) will be completed wherever possible. If the recovery rate is rapid, the well will be allowed to

recover to its original volume and the sample collected. If recovery is very slow, samples may be obtained as soon as sufficient water is available after one volume has been removed. Sampling logs will identify the type of equipment used for purging and sampling.

#### *12.7.4.3.3 Monitor Indicator Field Parameters*

During well purging, indicator field parameters (turbidity, temperature, specific conductance, pH, Eh, and DO) will be monitored prior to and throughout purging and recorded on the well sampling form (Appendix G). Purging is considered complete and sampling will begin when the indicator field parameters have stabilized. Stabilization has occurred when three consecutive readings, are within the following limits:

- turbidity (10% for values greater than 1 NTU)
- DO (10%)
- specific conductance (3%)
- temperature (3%)
- pH (± 0.1 unit)
- ORP/Eh (± 10 millivolts)

Stabilization of indicator field parameters is used to indicate that conditions are suitable for sampling to begin. If after five well volumes are evacuated during purging, indicator field parameters have not stabilized, purging will be discontinued, samples will be collected, and a full explanation of attempts to achieve stabilization will be provided.

#### *12.7.4.3.4 Collect Water Samples*

Water samples for laboratory analyses will be collected using a dedicated bailer. A constituent sampling order will be determined prior to initiating field activities. All sample containers will be filled in order by allowing the bailer discharge to flow gently down the inside of the container with minimal turbulence.

Filtered metal water samples will be collected in an unpreserved sampling container of similar size to the final preserved sampling container. These samples will be sent to the analytical laboratory to be filtered and processed.

After a sample container is filled, the container will be immediately placed into a cooler with ice. Sample management will be conducted as discussed in Section 12.8.

### *12.7.4.4 Post Sampling Activities*

After collection of the samples, the sampling equipment (e.g., bailer cord and disposable bailer) will be removed from the well. Disposable materials will be

properly discarded as discussed in Section 12.10. The total well depth (to +/- 0.01 feet) will be measured and recorded, and the well will be secured.

## *12.8 SAMPLE IDENTIFICATION, CHAIN-OF-CUSTODY, AND PACKAGING/SHIPPING PROCEDURES*

Sample identification, chain-of-custody and sample packaging/shipping procedures are discussed in the following sections.

### *12.8.1 Sample ID*

Sample identification (ID) methodology may be changed in the field. Sample identification will be consistent with USACE requirements. Each sample will also have a unique five digit tracking number. Examples of the proposed numbering system are provided below.

Example Soil Sample ID:

SWMU14SO00101

Where:

SWMU14 = SWMU14

SO001 = soil sample and number

01 = sample depth interval, in feet below ground surface

Sample depth interval will be either SS for surface soil samples or the numerical bottom of the sample interval. For example, SWMU14SO003SS would be a surface soil sample collected from surface to 3 inches bgs at location number 003 and SWMU14SO00601 would be a soil sample collected from 1 ft bgs at location number 006.

Ground water samples will simply carry the well number as the sample identification.

QA/QC samples (as described in Section 13.0) will carry the same ID as the parent sample; however, each QA/QC sample will have a unique tracking number. Equipment rinsate blanks, trip blanks, and field blanks will carry the designation RNSWXXX, TRIPXXX, or FBLKXXX (XXX representing the sequence number of the sample), respectively. Each blank will have a unique tracking number.

### *12.8.2 Chain-of-Custody*

Chain-of-custody forms will be completed and will accompany each sample at all times. Data on the forms will include the sample ID, tracking number, depth interval, date sampled, time sampled, project name, project number, and signatures of those in possession of the sample. Forms will accompany those samples shipped to the designated laboratory so that sample possession

information can be maintained. The field team will retain a separate copy of the chain-of-custody reports at the field office. Additionally, the sample ID; date and time collected; collection location; tracking number; and analysis will be documented in the field logbook.

### *12.8.3 Packaging and Shipping Procedures*

All samples will be shipped daily by overnight airfreight to the laboratory. Unless otherwise indicated, samples will be treated as environmental samples, shipped in heavy-duty coolers, packed in materials to prevent breakage, and preserved with ice in sealed plastic bags. Each shipment will include the appropriate field QC samples (i.e., trip blanks, duplicates, field blanks, and rinsate blanks). Corresponding chain-of-custody forms will be placed in waterproof bags and taped to the inside of the coolers lids. Each cooler shipped from the laboratory containing aqueous sample bottles for VOC analyses will contain a trip blank. The trip blank will stay with the cooler until the cooler is returned to the analytical laboratory.

## *12.9 DECONTAMINATION PROCEDURES*

General specifications for equipment and personnel decontamination are discussed in the following paragraphs.

Decontamination of non-disposable equipment (e.g., sampling equipment, heavy equipment, drilling equipment) will be performed to ensure chemical analyses reflect actual concentrations at sampling locations by maintaining the quality of samples and preventing cross-contamination. Field equipment cleaned in accordance with the following sections will meet the minimum requirements for definitive-level data collection.

Heavy equipment and drilling will be decontaminated by cleaning with a steam high-pressure washer over a fully lined and bermed decontamination pad. If warranted by the constituent of concern, additional cleaning with detergents and solvents may be required.

### *12.9.1 Specifications for Cleaning Materials*

Specifications for standard cleaning materials referred to in this section are as follows:

- Soap will be a standard brand of phosphate-free laboratory detergent. Use of other detergent will be documented in the field logbooks and investigative reports. Soap will be obtained from a laboratory supply distributor.

- Tap water will be obtained from the on-site water supply system (if operable) or from potable water purchased locally.

- Analyte free water (deionized water) is water that has been treated by passing through a standard deionizing resin column. Analyte free water will be obtained from the contract laboratory as needed.

- If a solvent rinse is required (at highly contaminated sites), the solvent will be pesticide-grade iso-propanol. Use of other solvents will be documented in field logbooks and investigation reports. Solvent will be obtained from the contract laboratory or a laboratory supply distributor.

- Other solvents may be substituted for a particular purpose if required. The equipment will be subjected to the standard cleaning procedure after cleaning with a non-standard solvent. The equipment will be completely dry prior to use.

- Solvents, laboratory detergent, and rinse waters used to clean equipment will not be reused during field decontamination.

### *12.9.2 Handling and Containers for Cleaning Solutions*

Improperly handled cleaning solutions may easily become contaminated. Storage and application containers must be constructed of the proper materials to ensure their integrity. Following are acceptable materials used for containing the specified cleaning solutions:

- Soap will be kept in clean plastic, metal, or glass containers until used. It will be poured directly from the container during use.

- Solvent will be stored in the unopened original containers until used.

- Tap water will be kept in clean tanks, hand-held sprayers, squeeze bottles, or applied directly from a hose.

- Constituent free water will be stored in clean glass, stainless steel, or plastic containers that can be closed until just prior to use. It may be applied from plastic squeeze bottles.

Hand-held pump sprayers are not acceptable storage or application containers for the above materials (with the exception of tap water). This also applies to stainless steel sprayers. All sprayers have internal gaskets and seals that may contaminate the solutions.

### *12.9.3 Safety Procedures for Field Cleaning Operations*

Some of the materials used to implement the cleaning procedures outlined in this section can be harmful if used improperly. Caution should be exercised by all field personnel and all applicable safety procedures should be followed. At a minimum, the following precautions will be observed in the field during decontamination operations:

- Safety glasses with splash shields or goggles, and latex or nitrile gloves will be worn during all cleaning operations.

- Solvent rinsing operations will be conducted in the open (never in a closed room or vehicle).

- No eating, smoking, drinking, chewing, or any hand to mouth contact shall be permitted during cleaning operations.

- All decontamination fluids will be properly containerized and managed as described in Section 12.10.

### *12.9.4 Handling of Cleaned Equipment*

After field cleaning, equipment will be handled only by personnel wearing clean gloves to prevent re-contamination. The equipment will be moved away from the cleaning area to prevent re-contamination. If the equipment is not to be immediately re-used it will be covered with plastic sheeting or wrapped in aluminum foil to prevent re-contamination. The area where the equipment is stored prior to re-use must be free of contaminants.

## *12.10 INVESTIGATION-DERIVED WASTE CHARACTERIZATION AND DISPOSAL*

Investigation derived waste will be managed in accordance with the Facility-Wide Investigation Derived Waste Management Plan (TPMC, 2006c).

Two types of IDW will be generated during the sampling of environmental media: decontamination fluids, and disposable sampling equipment and PPE.

Used, non-decontaminated sampling equipment/PPE will be placed in polyethylene trash bags, which will be placed in removable head drums. General refuse and decontaminated sampling equipment/PPE shall be placed in polyethylene trash bags or other suitable containers.

Volumes of decontamination fluids are anticipated to be small. These liquids will be containerized at the sample location in a clean 5-gallon bucket with a watertight lid. Depending upon the volumes generated, water from more than one sample location may be consolidated in the same bucket, or multiple buckets may be required for the same location. When filled or at the end of the sampling day, filled 5-gallon buckets will be emptied using a funnel into an open head 55-gallon steel drum conforming to United Nations Performance-Oriented Packaging standards and Department of Transportation (DOT) specifications in 49 CFR 178.

The 55-gallon drum(s) will be stored in the FWDA less than 90-day storage area located in Building 5. A label reading “Caution, This Drum/Container May Contain Hazardous Material” or similar will be affixed to each drum/container.

Each drum will be labeled with a unique ten-character identifier: The first two characters are "FW," the second two will be “GW” for ground water, the next four are the Julian date on which filling commenced, and the last two are the consecutive number of the container among all being filled on a given day.

Example Identifier:

**FW**GW**268**6**01** is:

**FW** Fort Wingate Depot Activity

GW Ground water purge and decontamination water

**268** 25 September

6 2006

**01** Container 01

The label shall also indicate the contents (e.g., ground water and decontamination fluids), source (e.g., monitor well numbers), and the date on which filling is completed (90-day start date).

Inventory forms will be completed for all IDW containers placed at the less than 90-day holding area. Information on the form shall be verified with respect to container labeling. Copies of inventory forms will be provided to the FWDA BEC.

Representative samples will be collected for each container of decontamination fluids, consisting of a composite of the material, to characterize IDW for disposal as hazardous, special, or non-hazardous waste. Characterization results for these media shall serve to classify associated sampling equipment and PPE for disposal, unless this PPE and equipment was decontaminated prior to disposal, in which case it will be handled as general refuse. Samples will be collected within five days of the date on which the drum is filled, and analytical results will be provided within 10 days of sampling.

The liquid IDW samples will be analyzed for the same parameters as the environmental samples where they were generated, plus appropriate RCRA parameters (e.g., ignitability, corrosivity, RCRA VOCs, SVOCs, pesticides, and metals).

Upon receipt of waste characterization results, copies will be provided to the FWDA BEC and USACE Technical Manager, and inventory forms at the 90-day holding area will be updated with IDW classifications and applicable USEPA waste codes.

IDW will be classified as hazardous waste if the material exhibits the characteristics of ignitibility, corrosivity, reactivity, or toxicity as listed by the USEPA in 40 CFR 261.20-24 (Subpart C).

IDW will be classified as non-hazardous waste if potential contaminants are not detected or are detected at concentrations less than applicable regulatory limits.

All IDW will be manifested and transported off site within the lesser of 30 days of receipt of characterization results or within 90 days of placement at the temporary holding area. No IDW containers will be stored beyond 90 days at the holding area unless the FWDA BEC grants an extension.

IDW classified as hazardous waste will be disposed of off-site at a RCRA Subtitle C permitted treatment, storage, and disposal (TSD) facility. Prior to transport, containers of shall be labeled according to DOT regulations in 49 CFR 172; additionally those containers with a capacity of 110 gallons or less shall be labeled as follows:

| |
|---|
| HAZARDOUS WASTE - Federal Law Prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency. |
| Generator's Name and Address _____ |
| Manifest Document Number _____ |

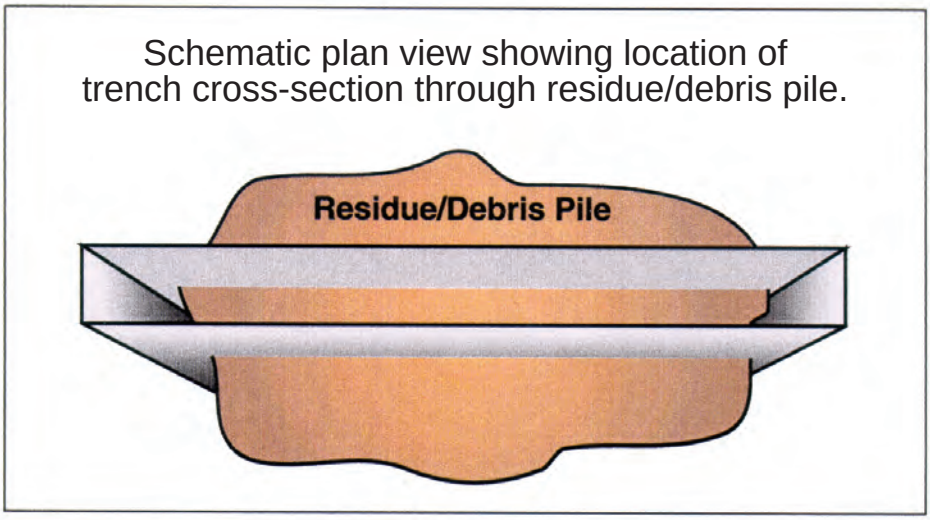
This labeling shall be displayed in accordance with DOT requirements in 49 CFR 172.304.

Manifests will be prepared according to USEPA requirements in 40 CFR 262.20, and acquisition, copies, and use of the manifest will be in accordance with USEPA requirements in 40 CFR 262.21-23. The FWDA BEC will sign the manifest as the generator. The transporter, who shall be fully licensed and insured to transport hazardous waste, will then sign the manifest and a copy will be provided both the FWDA BEC and USACE Technical Manager. Inventory forms at the less than 90-day storage area shall be annotated with the transport date and manifest number.

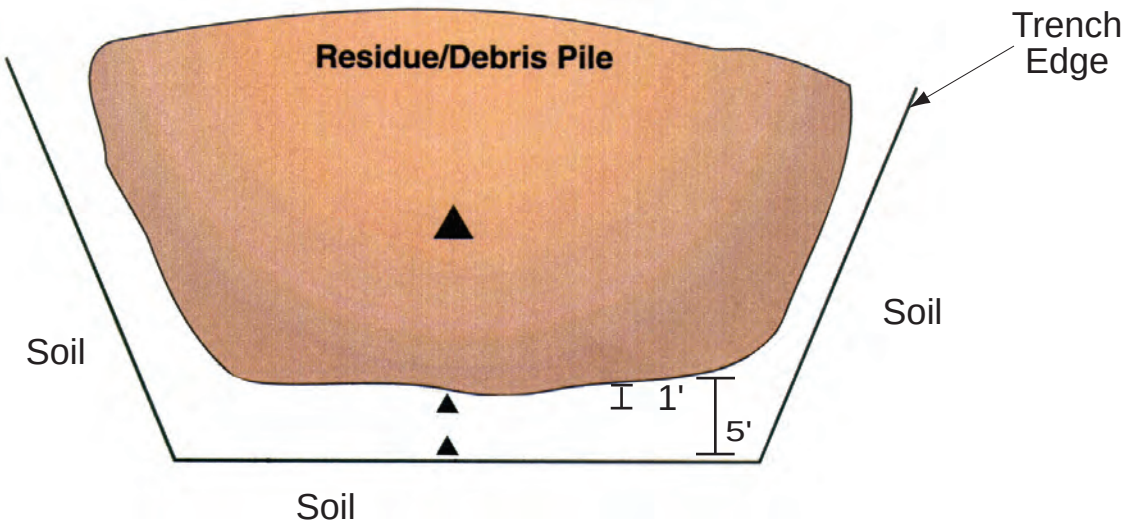
Concurrent with the manifest, a Land Disposal Restriction (LDR) shall be prepared in accordance with USEPA requirements in 40 CFR 268.7 and submitted for review and signature by the FWDA BEC. The signed LDR shall accompany each shipment of hazardous waste and serve as notification to the receiving TSD facility of any requirements for treatment prior to land disposal.

Non-hazardous sampling equipment/PPE and general refuse may be disposed of in FWDA trash containers, or transported off-site for disposal as municipal waste if large quantities of material are generated. Liquid IDW classified as non-hazardous waste shall be transported off-site to a facility approved for disposal of such material.

# Figure 12-1
# Residue/Debris Pile Sampling Location Schematic
## Fort Wingate Depot Activity
## McKinley County, New Mexico




Cross Section of Trench Through Residue/Debris Pile
(Not to Scale)




LEGEND

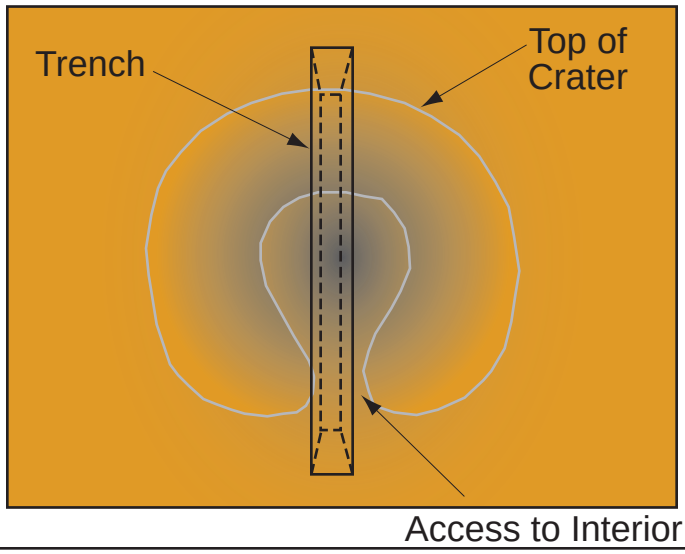
▲ Lab Samples:

1 grab along base of excavation at 1' and 5' below bottom of waste

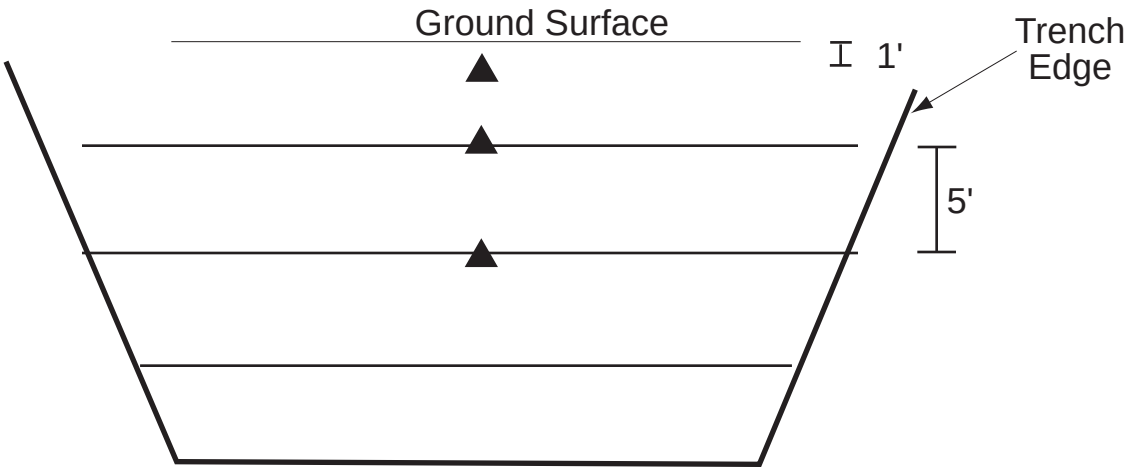
1 composite in waste

# Figure 12-2
# Detonation Crater Sampling Location Schematic
## Fort Wingate Depot Activity
## McKinley County, New Mexico

Schematic plan view showing location of trench cross-section through detonation crater.



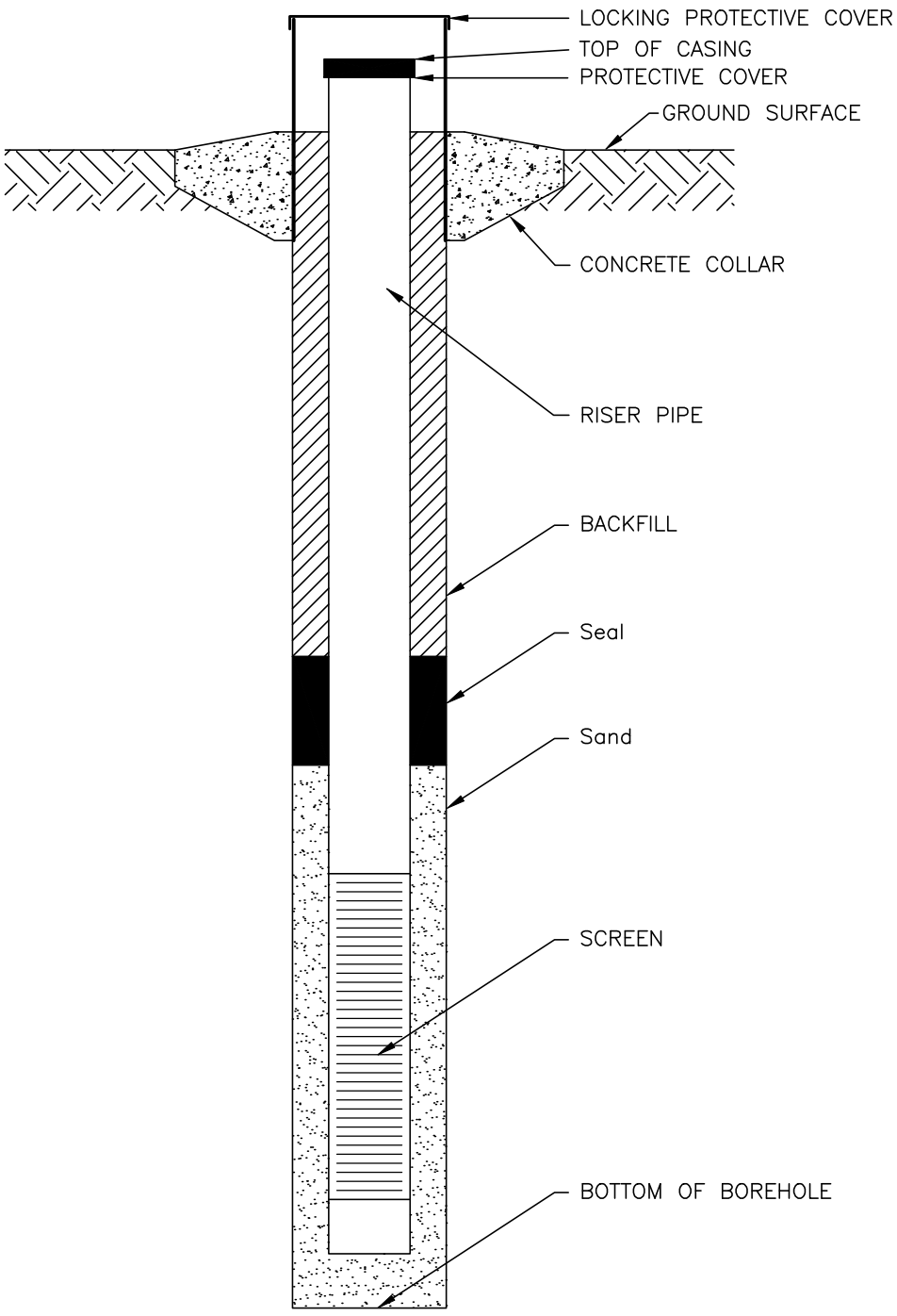

Cross Section of Trench Through Detonation Crater
(Not to Scale)




LEGEND

▲ Lab Samples (Total of 3 samples) beneath ground surface at 1', 5', and 10' bgs

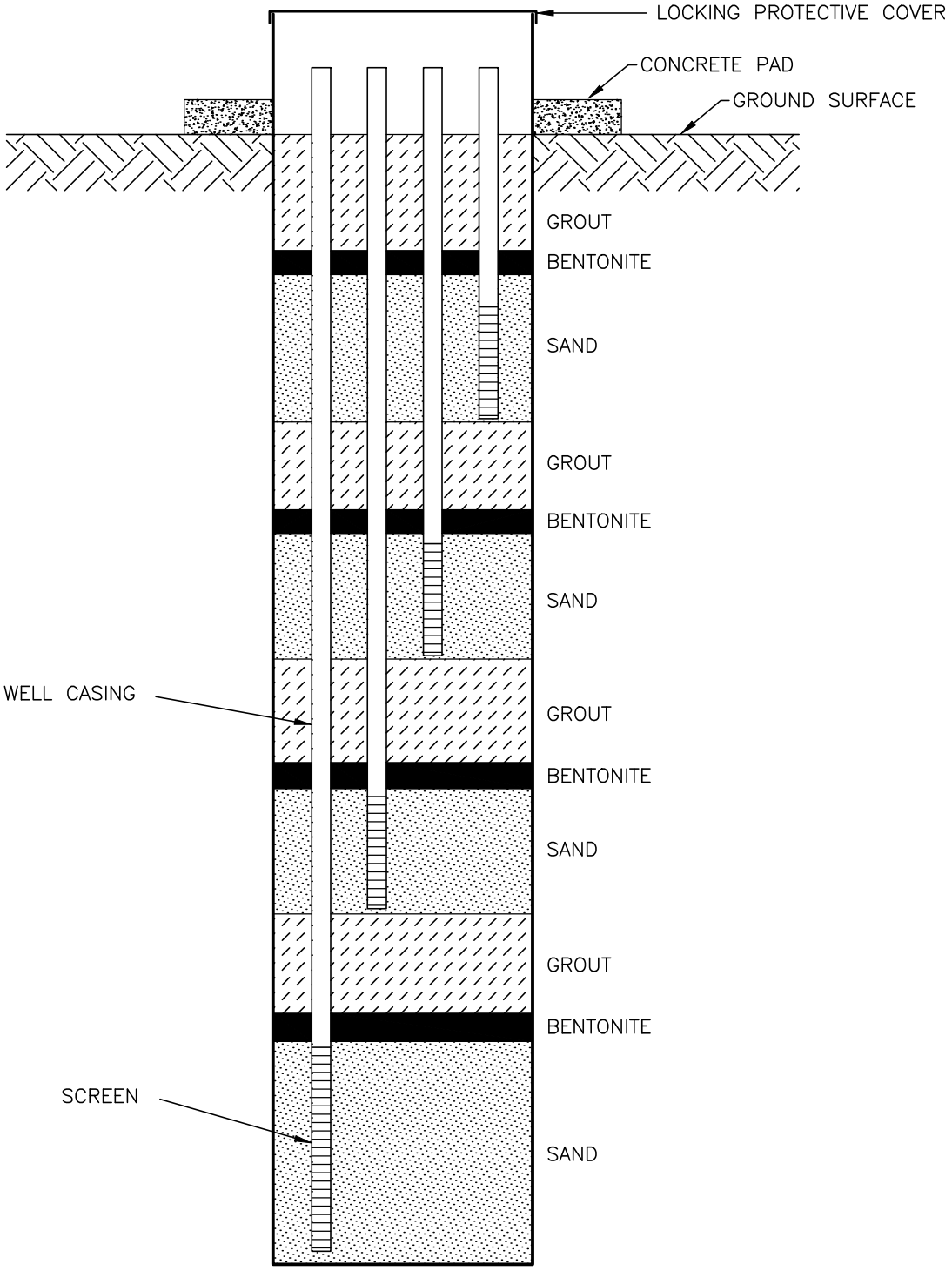
# Figure 12-3
# Typical Stickup Well Construction Diagram
## Fort Wingate Depot Activity
## McKinley County, New Mexico




NOTE: TYPICAL WELL IS PVC, < 300 FT. BGS WITH 10 FT. SCREEN.

NOT TO SCALE

# Figure 12-4
# Nested Well Construction Diagram
## Fort Wingate Depot Activity
## McKinley County, New Mexico




NOT TO SCALE

# 13.0 QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES AND REQUIREMENTS

This section outlines the overall QA/Quality Control (QC) procedures and establishes the specific QA/QC requirements for the investigations conducted in Parcel 3. The objective of this section is to describe project DQOs and institute guidelines for field sampling, documentation, laboratory analysis, overall QA/QC procedures, and reporting that will result in data of known quality.

Data collected during the investigation and analytical sampling at Parcel 3 will be definitive-level data. Definitive-level data generally represent data derived from analysis by approved standard methods in a fixed-base laboratory. Definitive-level data are qualitative and quantitative in nature (i.e., identify detected constituents and their concentrations) and are used to definitively determine site closure compliance or response action necessity.

## 13.1 DATA QUALITY OBJECTIVES

DQOs are quantitative and qualitative statements specified to ensure that data of known and appropriate quality are obtained during environmental investigation activities. To ensure that data generated during field activities are adequate to support decisions regarding the selection of appropriate corrective measures, the objectives and the method by which decisions will be made must be established in the project planning process and thoroughly discussed in the Work Plan. DQOs are selected based on the specific use of the data collected. The DQO statements derived from the output of each step of the DQO process shall:

- clarify the study objective,
- define the most appropriate type of data to collect,
- determine the most appropriate conditions from which to collect data, and
- specify acceptance levels of decision errors that will be used as the basis for establishing the quantity and quality of data needed to support the decision.

As such, DQOs are management tools used to develop a scientific and resource-effective sampling design. DQOs must strike a balance between time, money, and data quality; therefore, initiating the full DQO process for every site and investigation may not always be necessary. The DQO process must be initiated during project planning to produce investigations that result in data having a quantifiable degree of certainty. The end use of data to be collected, quality of data required, and cost to produce data will determine required DQOs.

### 13.1.1 Data Quality Objective Process

The DQO process consists of seven steps.

**Step 1: State the Problem**

The purpose of this step is to clearly define the problem that requires new environmental data so the study focus will be clear and unambiguous.

**Step 2: Identify the Decision**

The purpose of this step is to define the decision that will be resolved using data to address the problem.

**Step 3: Identify Inputs to the Decision**

The purpose of this step is to identify informational inputs required to resolve the decision and to determine which inputs require environmental measurements.

**Step 4: Define Boundaries of the Study**

The purpose of this step is to specify spatial and temporal circumstances covered by the decision.

**Step 5: Develop a Decision Rule**

The purpose of this step is to integrate outputs from previous steps into a single statement that describes the logical basis for choosing among alternative actions.

**Step 6: Specify Limits on Decision Errors**

The purpose of this step is to specify the decision maker's acceptance limits on decision errors. The limits are used to establish appropriate performance goals for limiting uncertainty in the data.

**Step 7: Optimize the Design**

The purpose of this step is to identify the most resource-effective sampling and analysis design for generating data expected to satisfy DQOs.

In most cases, each successive step derives information from the previous ones; thus, each step should be completed in the order shown above. The DQO process is iterative, however, so it may be useful to refine the outputs from previous steps. For more information on the DQO process, refer to *Data Quality Objectives Process for Superfund* (USEPA, 1993).

### *13.1.2 Parcel 3 Geophysical Data Quality Objectives*

Geophysical investigations (e.g., DGM) have been proposed to provide information for the OB/OD Unit HWMU and the Parcel 3 SWMUs and AOCs.

The following DQOs for geophysical investigation activities were identified:

- Technology Selection DQO: Based on the results of the GPO conducted as part of another MR project at FWDA, EM technology generally, and the Geonics EM61-MK2 instrument specifically, has been demonstrated to be an effective technology to detect and locate potential MEC items. EM is the

selected technology for initial delineation activities described herein. If DQOs cannot be met using EM because of cultural interferences (e.g., aboveground or underground utilities, manholes, or other unforeseen features), alternate technologies will be evaluated for use in subsequent phases of field activities, and the DQOs will be revised.

- Instrument Height DQO: Because the intended targets are small, the instrument height will be chosen to maximize signal-to-noise ratio (SNR) to reliably detect the smallest potential MEC items described in this work plan.

- Downline Sampling DQO: Data collection frequency along the path of travel (downline) will be in the range of 10 to 20 readings per second.

- Mean Speed DQO: Instrument forward speed during data acquisition will be maintained at less than or equal to 2.5 mph. Mean speed with standard deviation will be documented.

- Across Track Spacing DQO: Because the intended targets are small, the across track spacing will be less than or equal to 1 foot. This will provide significant overlap during data collection to reliably detect and locate the smallest potential MEC items described in this work plan.

- Instrument Latency DQO: Instrument latency will be corrected based on the lags or time differences observed in anomaly peak positions. Corrections will be applied using an appropriate correction routine that accounts for instrument latency time and sensor velocity. "Zig-zag" or "chevron" effects should not be visible in the data maps when plotted at the scales used to detect the smallest amplitude signal for a given potential MEC item.

- Navigation DQO: The sum of all data positioning errors in the final datasets will not exceed ± 1.0 ft. This DQO is specific to the reported positions of the UTM coordinates for each data point in the final version of geophysical data. Many factors affect differential Global Positioning System (DGPS) accuracies, including Position Dilution of Precision, SNRs, base-station geodetic coordinate accuracies, carrierphase ambiguity resolution, etc.

- EM Drift Correction DQO: For any given dataset of EM data, all data channels will be leveled using the same routines and parameters.

- Processing DQO: All drift corrections and/or filtering routines that are applied to datasets will be evaluated, on a dataset by dataset basis, to confirm that those routines do not alter the nature of the original measured response.

- Data Repeatability DQO: For any given dataset of EM data, collection of data will be repeatable to ± 20% of response amplitude and ± 20 centimeters (cm) for positional accuracy.

- Survey Navigation DQO: The positioning data shall not exceed the DQO metric of 1.0 ft. This will be measured daily as part of the latency loop test, where the navigation tracks will be compared to the precise coordinates of a

known point on the surface. This offset of the tracks with the known location will be recorded in the daily processing notes.

The contractor will provide the USACE geophysicist with documentation showing that DQOs were met. As a final check, the data will be reviewed for representativeness by the USACE geophysicist for final acceptance and concurrence of representativeness. If data is determined to be of poor quality, it will be recollected at no cost to the Government.

These requirements may be relaxed because the purpose of the geophysical surveys is to identify "pockets" of suspected waste, and not single items. Other methods may be reevaluated at the GPO if they are more appropriate.

### *13.1.3 Parcel 3 Environmental Data Quality Objectives*

The objective of investigations in Parcel 3 is to identify constituents exceeding cleanup levels in affected environmental media (e.g., soil and ground water).

In using the seven-step DQO process outlined above, the following DQOs for the sampling and analytical program for the investigations in Parcel 3 were identified:

- NMED- and USEPA-approved sampling methods will be used to provide definitive-level quantitative analytical data that will meet the applicable or relevant and appropriate requirements specified in the Permit.

- Samples will be analyzed using NMED- and USEPA-approved methods currently approved by NMED. The analytical methods listed in Table 13-1 will be employed.

- Laboratories performing the sample analyses will follow the most recent version of the USACE EM 200-1-3 for Appendix I, "Shell for Analytical Chemistry Requirements" and the most recent version of DOD "Quality Systems Manual" (QSM). Laboratories performing sample analyses will hold current National Environmental Laboratory Accreditation Program (NELAP) accreditation for all appropriate fields of testing. Laboratories will also meet NMED and USEPA standards, as required. Laboratories will submit self-declarations forms (including supporting documentation) as well as information related to NELAP accreditation to the USACE Technical Manager.

- Data reporting and electronic data deliverable (EDD) will be required to be compatible with the environmental information management system (EIMS) being developed for FWDA; because the EIMS has not been finalized, additional details will be provided in the Work Plan implementation Statement of Work (SOW).

- Analytical results will be validated in accordance with the most current versions of USEPA Contract Laboratory Program (CLP) National Functional Guidelines for Organic Data Review and USEPA CLP National Functional Guidelines for Inorganic Data Review to ensure the data are of sufficient quality for the intended use.

- Sample results will be compared to cleanup levels specified in the Permit to determine if action levels are exceeded.

In going through this DQO process, the questions of why this investigation is being conducted and what decisions are to be supported have been answered. In addition, conduct of the DQO process ensures that the data collected will have a quantifiable degree of certainty.

## *13.2 MEASUREMENT PARAMETERS OF INTEREST*

Certain field activities do not require sample collection, but nonetheless involve measurements for which QA concerns are appropriate. Such activities include monitoring of breathing zones for organic vapors. The primary QA objective of these activities is to obtain reproducible measurements to a degree of accuracy consistent with the intended use of the measurements and to document measurement procedures. The objective of field sampling procedures is to obtain samples that represent the environmental matrix being investigated. This will be accomplished through the use of proper sampling techniques and equipment.

## *13.3 FIELD EQUIPMENT CALIBRATION*

Field instruments used during the Work Plan implementation will be calibrated, operated, and maintained in accordance with the manufacturer's instructions. Daily, on-site field instrument calibrations will be performed before and during each day's use by trained technicians using certified gases and standards. Instrument calibrations will be recorded in bound logbooks and will include field instrument identification, date of calibration, standards used, and calibration results (as described in Section 13.4).

If an individual suspects an equipment malfunction, the meter will be removed from service and tagged so that it is not used inadvertently, and a substitute piece of equipment will be used. Additionally, equipment that fails calibration or becomes inoperable during use will be removed from service and tagged. Such equipment will be repaired and satisfactorily re-calibrated. The results of activities performed using equipment that has failed re-calibration will be evaluated. If the results are adversely affected, the outcome of the evaluation will be documented and the Project Manager will be notified.

Equipment that cannot be repaired will be replaced. Some backup equipment will be available in the field for use in case of a malfunction.

Preventative maintenance procedures for the field instruments will be carried out in accordance with procedures outlined by the manufacturer's equipment manuals. All records of inspection and maintenance will be dated and documented in the field logbook. Critical spare parts field instruments will be included in the sampling kits to minimize downtime. In addition, backup meters will be available, if needed. Spare parts will be purchased from accepted vendors. Daily inspections of field equipment will be conducted to ensure that equipment is functioning properly. If inspection results indicate that a piece of

field equipment is deemed faulty or not useable, replacement equipment will be cleaned, calibrated if necessary, and used in place of the faulty equipment. The faulty equipment will then be shipped back to the vendor for repair.

## *13.4 FIELD DATA QUALITY ASSURANCE*

### *13.4.1 Sample Collection Quality Assurance*

Several types of field quality control samples will be submitted to the analytical laboratory to assess the quality of the data resulting from the field sampling program. These samples may include field ambient blanks, equipment rinse blanks, matrix spike (MS) and matrix spike duplicate (MSD) samples, and field sample duplicates. QA/QC samples will be collected as summarized in Table 13-1.

QA/QC samples are not typically collected from media sampled to provide disposal characterization. QA/QC control samples will be collected for environmental medium (e.g., soil) samples only.

Field duplicate and QA split samples will be collected at a frequency of one per 10 environmental samples for each medium sampled (e.g., soil). If reusable sampling equipment is used, equipment rinse blanks will be collected at a frequency of one rinse blank per 20 environmental samples. Additional volume will be collected at specified sample locations so that one MS/MSD pair will be submitted to the laboratory for every 20 environmental samples for each medium sampled.

### *13.4.2 Documentation Quality Assurance*

Field documentation shall consist of one or more job- or area-specific field logbooks, field forms, sample Chains-of-Custody, and sample logs/labels. This format of documentation allows for detailed recording of information in various field logbooks and forms that are referenced in the site logbook. Requirements and procedures for maintaining the various types of documentation records are discussed in Section 13.4.2.1. Photographic documentation is required for all fieldwork as described in Section 13.4.4.2.

#### *13.4.2.1 Logbooks*

Site and field logbooks provide a daily handwritten record of all field activities at an investigation site. All logbooks will be permanently bound and have a hard cover. Logbooks will be ruled, or ruled and gridded, with sequentially numbered pages. All entries into field logbooks will be made with indelible ink. Field logbooks are detailed daily records that are kept in real time and are assigned to specific activities, positions, or areas within the site. Separate logbooks shall be used for each sampling and field team.

Documentation in field notebooks may include the following:

- Location

- Date and time
- Names of field crew
- Names of subcontractors
- Weather conditions during field activity
- Sample type and sampling method
- Location and depth of sample
- Sample identification number
- Sample description (such as color, odor, clarity)
- Amount of sample
- Field measurements
- Calibration results
- Adverse trends in instrument calibration behavior
- Equipment specifications
- Decontamination and health and safety procedures

If entries in the field notebooks need to be corrected or changed, corrections will be made by crossing out mistakes with a single line, writing the corrections, and initialing and dating the entry. The use of correction fluid is not permitted.

At the conclusion of each day in the field, the sampling team leader will review each page of the logbook for errors and omissions. He or she will then date and sign each reviewed page.

#### *13.4.2.2 Field Photographs*

Photographs will be taken to photo-document field activities. Photographs will either be taken using standard 35-millimeter film cameras (both reusable and disposable cameras are acceptable) or high-resolution digital cameras.

Photographs taken during field activities will be sequentially numbered and documented in the field logbook with location, direction, and description of the activity. After film is developed or printed, they will be numbered to correspond with the field logbook and placed into a binder with the location, direction, and description of the activity Included as either a caption or separate corresponding sheet.

There will be no minimum or maximum number of photographs to be taken at each location; however, a sufficient number to accurately represent the activity will be taken.

#### *13.4.2.3 Field Data Record Forms*

In addition to the field notebooks, forms will also be used to document field efforts. These forms will ensure that all required data and observations were recorded in a consistent manner. No blank spaces will be left; all non applicable items will be marked "N/A." Forms that will be used include Chain of Custody Forms.

#### *13.4.2.4 Final Evidence File Documentation*

All evidential file documentation will be maintained under an internal project file system. The Project Manager will ensure that all project documentation and QA/QC records are properly stored and retrievable.

## ***13.5 DATA VERIFICATION/VALIDATION***

Independent data validation of the results of all chemical analyses performed by the laboratory will be performed. This effort will consist of the following:

- Verification that the amount of data requested matches the amount of data received (i.e., completeness check);
- Verification of the procedures/methods used;
- Verification that documentation/deliverables are complete;
- Verification that hard copy and electronic versions of the data are identical;
- Verification that the data seem reasonable based on analytical methodologies;
- Evaluation and qualification of results based on sample receipt (sample temperature and preservation) and holding time compliance;
- Qualification of results based on method, field and rinse blank results;
- Evaluation and qualification of results based on MS/MSD analyses;
- Evaluation and qualification of results based on surrogate recoveries;
- Evaluation and qualification of results based on internal standard performance;
- Verification that the analytical instrument was calibrated in accordance with required instrument and method criteria;

- Evaluation and qualification of results based on initial and continuing instrument calibration verification check sample analyses, and initial and continuing instrument calibration blank results;

- Evaluation and qualification of results based on laboratory control sample (LCS) analyses;

- Evaluation and qualification of results based on laboratory and field duplicate precision;

- Verification that the instrument was properly tuned before sample analyses; and,

- Verification that the analytical sequence included pertinent information required to track the analyses of all QA/QC and environmental samples.

For new data, the Army has specified Functional Guideline equivalent validation procedures, with 100% validation for blanks, duplicates, and holding times for all sample data generated for FWDA, with a lesser number (typically 10%) receiving full validation.

Standard USEPA data qualifiers shall be used to indicate: (1) blank contamination, (2) sample-analytical anomalies associated with a constituent, (3) analytical results which fall between the method detection limit (MDL) and the practical quantitation limit (PQL), (4) data qualified because of an exceedance of method-specific holding times, high cooler temperatures, or other significant QA/QC data deficiencies, and (5) data results which exceed the upper calibration curve limit for that constituent and associated analytical instrument.

A Data Validation Report will be prepared that will discuss the performance of the laboratory with respect to the factors presented above. As much as possible, data will be presented in tabular form. In addition, the Data Validation Report will discuss the following:

- Actual MDLs and/or PQLs, as applicable;

- Adequacy of the detection limit for the intended purpose;

- The possible influence(s) of matrix interferences, dilution factors, unusual shipping conditions, and any variance from the reference analytical methods;

- Usability of the data with respect to the project objectives; and

- Attainment of DQO process–derived decision statements with respect to chemical data quality.

An EDD will be provided in an Excel format compatible with USACE Fort Worth District and FWDA EIMS standards.

## *13.6 ENVIRONMENTAL DATA MANAGEMENT*

Following review and approval, the data will be loaded into the EIMS being developed for FWDA. At this time, the EIMS is under development, and additional details regarding availability and access to data are not available. As noted in Section 13.1.3, the Work Plan implementation scope of work (SOW) will contain the required information to ensure that the data generated during efforts described in this Work Plan are compatible with the FWDA EIMS.

## *13.7 DATA EVALUATION*

As described in Section 2.3.2.3, environmental data generated during investigations in Parcel 3 will be evaluated with respect to cleanup levels described in Permit Attachment 7 (NMED, 2005).

***Table 13-1***
***Sample Summary Matrix***
***Fort Wingate Depot Activity***
***McKinley County, New Mexico***

| Matrix | Environmental Samples | Analysis | Analytical Method[1] | Container and Preservation | Analytical Holding Time |
|---|---|---|---|---|---|
| **Soil Samples (Environmental)** | 294 | Metals<br>Arsenic<br>Barium<br>Cadmium<br>Chromium<br>Lead<br>Mercury<br>Selenium<br>Silver | SW846 6010C/7471B | 1-4 oz. glass widemouth w/ Teflon-lined lid. Cool to 4 degrees C. | 6 months; 28 days for Mercury. |
| | 294 | Dioxins/Furans | SW846 8280/8290 | 1- 4 oz. amber glass. Cool to 4 degrees C. | 7days to extraction/40 days to analysis. |
| | 294 | TCL VOCs | SW846 8260C | 3-5 g Encore samples or 3-40 ml. glass vials w/methanol and sodium bisulfate. Cool to 4 degrees C. | 48 hours for preparation for Encore samplers, 7 Days for other. Analysis within 14 days. |
| | 294 | TCL SVOCs | SW846 8270D | 1-4 oz. amber glass widemouth w/ Teflon-lined lid. Cool to 4 degrees C. | 14 days until extraction. Analysis within 40 days of extract preparation. |
| | 294 | Explosives | SW846 8330B | 1-4 oz. amber glass. Cool to 4 degrees C. | 14 days until extraction. Analysis within 40 days of extract preparation. |
| | 294 | Perchlorate | SW846 6850 | 1-4 oz. amber glass. Cool to 4 degrees C. | 28 days to analysis. |
| | 294 | Nitrate | SW846 5050/9056 | 1-4 oz. glass widemouth w/ Teflon-lined lid. Cool to 4 degrees C. | 28 days to analysis. |
| | 294 | TCL PCBs | SW846 8082A | 1- 4 oz. amber glass. Cool to 4 degrees C. | 7days to extraction/40 days to analysis. |
| | 294 | Cyanide | 9012A | 1- 4 oz. amber glass. Cool to 4 degrees C. | 14 days to analysis |

**Frequency of QC Samples:**

Field Duplicates: 1 duplicate for every 10 environmental samples.
Multi-Incremental Sample Duplicate: 1 duplicate
Field Blanks: 1 field blank for every 20 environmental samples.
Rinse Blanks: 1 rinse blank for every 20 environmental samples.
MS/MSD: 1 MS/MSD set for every 20 environmental samples.
Trip Blanks: 1 trip blank for every cooler containing samples to be submitted for VOC analysis.

**Notes:**

1 : Will use latest EPA updated method

# *14.0 SCHEDULE*

Because there are multiple levels of review for this Work Plan, a detailed schedule for implementation of the work elements described herein has not been developed. A basic conceptual schedule is provided below.

| ***Task*** | ***Days*** |
|---|---|
| Award task order for field work and report | 120 calendar days after work plan is approved by NMED |
| 30 day notification to NMED | 30 days prior to mobilization |
| Draft Report | 60 days after contract award |
| Army review of Draft Report | 30 days after report submittal |
| Tribal review of Tribal Draft | 90 days after report submittal |
| Final report to NMED | 14 days after Tribal comment resolution |

## *15.0 REFERENCES*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*ATTACHMENT 1*
*RESPONSE TO CONSULTATION PROCESS COMMENTS*

## Comment Responses Table

### COMMENTS ON CLOSURE PLAN PHASE I WORK PLAN, OB/OD UNIT HWMU AND PARCEL 3 SWMUS AND AOCS TRIBAL DRAFT, FORT WINGATE DEPOT ACTIVITY

| Cmt. No. | Page No./Line No. | Comment | Recommendation | Response |
|---|---|---|---|---|
| *Navajo Department of Water Resources-Water Management Branch – Jason John* | | | | |
| 1 | 6-3/6.3.1 | Why are there no additional Alluvial monitoring wells proposed in areas downstream of the existing alluvial wells or in SWMU 14 or SWMU 15? | | **Previous drilling actions in these areas indicated that there was no ground water present in the alluvial materials. In these areas, ground water is first encountered in the sandstone of the Painted Desert Member, situated below the dry alluvium.** |
| 2 | 12-13/ 12.6.3 | Any specific reason why Gammy Ray logging is not proposed? | | **The extensive suite of downhole logging techniques will allow for a detailed description of the physical characteristics of the geologic materials at each well site. The gamma-ray log primarily serves to distinguish shale/silt/clay materials (natural gamma ray emitters) from non-shale materials. The neutron-density, resistivity and induction logs provide this same information as well as information regarding the water – bearing characteristics of the materials.** |
| 3 | Table 6-5 | Any specific reason for the proposed placement of CMW44 (San Andres/Glorietta well) ? The proposed site for well CMW44 appears potentially upgradient of most of the AOCs and SWMUs. Can CMW44 be places further to the north/northwest? | | **CMW44 was placed to be in the central portion of the residue piles that comprise the HWMU. Data to date indicate that these piles may be the primary source of chemical impacts to the shallow ground water. In response to this comment, the** |

| Cmt. No. | Page No./Line No. | Comment | Recommendation | Response |
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| | | | | **location of CMW44 has been moved approximately 600 feet to the northwest, and is now downgradient of 7 of 10 HWMU residue piles, and is downgradient of the residue piles thought to contain most of the chemical residues.** |
| 4 | | | | |

| Cmt. No. | Page No./Line No. | Comment | Recommendation | Response |
|---|---|---|---|---|
| ***Navajo Nation EPA – Eugenia Quintana*** | | | | |
| 1 | | Generally, the work plan is adequate. The work plan communicates that aerial and ground geophysical work will be relied upon for investigation, and environmental assumptions related to waste(s), etc., will be proved or disproved. The permit will continue to be the driver. | | **Comments noted.** |

**Comment Responses Table**
**Closure Plan Phase I Work Plan OB/OD Unit HWMU and Parcel 3 SWMUs and AOCs/Tribal Draft/4/18/08**

| Cmt. No. | Page No./Line No. | Comment | Recommendation | Response |
|---|---|---|---|---|
| ***Pueblo of Zuni – Collective Comments*** | | | | |
| 1 | Page X | Under List of Acronyms, item number 13 is the CA – Comprehensive Agreement. There is no Comprehensive Agreement. | Delete: 13 CA Comprehensive Agreement | **The text will be revised to indicate only that there is PA between the Army and the Tribes. CA will be deleted from the Acronym List.** |
| 2 | Section 2.3.2.3, Lines 20-25 | We look forward to seeing how this effort will be integrated into the facility wide ecological risk assessment for protection of receptors other than human. | N/A | **Comment noted.** |
| 3 | Page 4-6/Section 4.4.2/26-32 awd Figure 4-1 | Soil to be removed at CRP 2 and CRP 5. | What kind of reclamation will occur in these locations? | **The removal noted in this section will not take place until later stages of the Closure process. Prior to removal, an engineering evaluation will take place (Phase II of the Closure process) to assess removal options and options to reclaim or rehabilitate the land involved. The Phase II Closure document will be subject to Tribal consultation and NMED review.** |
| 4 | Section 5, in entirety | The approach to subsurface and surface soil sampling is sound. | N/A | **Comment noted.** |

**Comment Responses Table**
**Closure Plan Phase I Work Plan OB/OD Unit HWMU and Parcel 3 SWMUs and AOCs/Tribal Draft/4/18/08**

| Cmt. No. | Page No./Line No. | Comment | Recommendation | Response |
|---|---|---|---|---|
| 5 | Figure 6-2 | Proposed new monitoring well locations CMW 38, CMW 35/36, CMW 27/28 appear to be situated within archaeology site boundaries (respectively, LA 107067, LA 107118, LA 101717). | A qualified archaeologist should be used to ensure that well locations occur outside of cultural resources. | **The proposed locations of these wells will be evaluated in advance of initiation of the drilling operations. Relocation to avoid arch sites will be considered, as will escort/monitoring by qualified archeologists.** |
| 6 | Sections 7-4, 7-5 | The logic for assessing SWMU 74 is sound. | N/A | **Comment Noted.** |
| 7 | Section 8, 9, 10, 11, in entirety | The proposed step wise approach for AOCs 89, 90, 91 and 92 is very practical | N/A | **Comment Noted.** |
| 8 | Section 12, 13, in entirety | The field and QA/QC procedures are acceptable for the work scoped and are described in sufficient detail. | N/A | **Comment Noted.** |
| 9 | Section 12.1/11-14 | Reference to PA and CA; copies of which are included in Appendix E. | The PA in Appendix E is not the final version – the final version should be included.<br><br>There is no CA for the Pueblo of Zuni. Document should be re-written to reflect this fact and remove the CA in Appendix E. | **The Final version of the PA will be included in App E. There will be no CAs in App E.**<br><br>**As noted in the response to Comment #1, the text will be revised to note only that a PA has been generated between the Army and the Tribes.** |

**Comment Responses Table**
**Closure Plan Phase I Work Plan OB/OD Unit HWMU and Parcel 3 SWMUs and AOCs/Tribal Draft/4/18/08**

| Cmt. No. | Page No./Line No. | Comment | Recommendation | Response |
|---|---|---|---|---|
| 10 | Figure 4-5 | The northern portion of the HWMU current OB/OD area appears to within a parcel that was never surveyed for archaeology sites | If an unsurveyed area is present, an archaeological monitor should be present whenever any ground-disturbing activity takes place. The archaeologist should be empowered to alter ground disturbances in order to minimize or eliminate adverse effects to cultural resources. | **The Army plans for there to be surveys and/or archeological escort for areas that have not been surveyed previously and that are targeted for environmental sampling activities.** |