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April 29, 2010

Mr. Steve Smith
Fort Worth District, Corps of Engineers
819 Taylor Street, Room 3A12
Fort Worth, TX 76102-0300

Subject: Final - NMED Revision Parcel 6 RCRA Facility Investigation Work Plan, Fort Wingate Depot Activity, New Mexico

Dear Mr. Smith,

Please find enclosed hard copies and electronic copies of the Final - NMED Revision Parcel 6 RFI Work Plan. A response to comments document for the 4 February 2010 NMED comments is provided as Appendix N of the RFI Work Plan. The response to comments document also provides a cross reference between the comment response and where the change is incorporated into the work plan. As directed by the Corps, CH2M HILL has incorporated changes into this document in accordance with the review comments. An electronic copy of the work plan in redline-strikeout format has also been submitted to the NMED as requested in their 4 February 2010 correspondence with the Army.

If you have any questions regarding the enclosed documents please feel free to contact Mr. Jeff Johnston or Mr. Jeff Gamlin in our Albuquerque office at (505) 884-5600 or by e-mail at Jeffrey.Johnston@ch2m.com or Jeff.Gamlin@ch2m.com.

Sincerely,
CH2M HILL

Jeff Johnston, CHMM
Project Manager

Enclosure: Final - NMED Revision Parcel 6 RCRA Facility Investigation Work Plan w/CD.

Cc: James Bearzi/NMED HWB (2 hard copies, 2 CDs final plan, 1 CD redline/strikeout of final plan)
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Mark Patterson/FWDA BRAC Environmental Coordinator (1 hard copy, 1 CD)
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APR 2010

FORT WINGATE DEPOT ACTIVITY
MCKINLEY COUNTY, NEW MEXICO

FINAL - NMED REVISED
RCRA FACILITY INVESTIGATION WORK PLAN
PARCEL 6

30 April 2010

Prepared for

U.S. Army Corps of Engineers
Fort Worth District
819 Taylor Street
Room 3A12
Fort Worth, TX 76112

Contract No. GS-10F-0029M
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14. ABSTRACT

This RCRA Facility Investigation Work Plan summarizes previous investigations and describes field activities that will be conducted at Parcel 6 Areas of Concern and Solid Waste Management Units at Fort Wingate Depot Activity, New Mexico. This document has been prepared for submission to the New Mexico Environment Department (NMED), Hazardous Waste Bureau (HWB) as required by Section VII.F.1 of the Resource Conservation and Recovery Act (RCRA) Permit, No. NM 6213820974.

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PREFACE

This Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Work Plan summarizes previous investigations and describes the field activities that will be conducted at the Parcel 6 Areas of Concern (AOCs) and Solid Waste Management Units (SWMUs) at Fort Wingate Depot Activity (FWDA), New Mexico. This work plan addresses the requirements of the U.S. Army Corps of Engineers (USACE) Statement of Work (SOW) dated February 19, 2008, and the two subsequent Amendments to that SOW.

This RFI Work Plan was prepared by CH2M HILL in April 2010. Mr. Mark Patterson served as the FWDA Defense Base Realignment and Closure (BRAC) Environmental Director and Mr. Steve Smith served as the USACE Project Manager.

Amy R. Halloran, P.E.	Jeffrey W. Johnston
CH2M HILL Vice President	CH2M HILL Project Manager

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B – NRCS Soil Descriptions for Fort Wingate Depot Activity

C – Quality Assurance Project Plan

D – Investigation Derived Waste Management Plan

E – Release Assessment Site Reconnaissance Forms and Field Notes (Provided on CD)

F – Release Assessment Photographs

G – Laboratory Data and Chain of Custody Forms

H – Data Quality Evaluation Report (Provided on CD)

I - NMED Soil Screening Levels and EPA Regional Screening Levels

J – Survey Data

K – Geophysical Prove-Out Report

L – Geophysical Investigation Report

M – Geophysical Anomalies Investigation Report

N – Response to NMED and Tribal Comments

Acronyms and Abbreviations

AOC	Area of Concern
ACM	asbestos-containing material
AGM	aboveground magazine
ASC	U.S. Army Sustainment Command
ASTM	American Society for Testing and Materials
AWS	Ammunition Workshop
BRAC	Defense Base Realignment and Closure Plan of 1990
bgs	below ground surface
C	composite (type of sample)
CBU	cluster bomb
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
cm	centimeter
COPC	contaminant of potential concern
CRP	Community Relations Plan
D	discrete (type of sample)
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichlorethene
DDT	dichlorodiphenyltrichloroethane
DGM	digital geophysical mapping
DOI	U.S. Department of the Interior
DQE	Data Quality Evaluation
DQO	data quality objective
EB	equipment blank (source of sample)
EM	electromagnetic
EP	Engineering Pamphlet
EPA	U.S. Environmental Protection Agency
°F	degrees Fahrenheit
FWDA	Fort Wingate Depot Activity
GPO	Geophysical Prove-Out
GPS	global positioning system
GNSS	global navigation satellite system
GW	groundwater (source of sample)
HMX	cyclotetramethylene-tetranitramine
HSA	hollow stem auger
HSP	Health and Safety Plan

HWB	Hazardous Waste Bureau (New Mexico Environment Department)
IDW	investigation-derived waste
IDWMP	Investigation-Derived Waste Management Plan
IRM	interim remedial measures
J	estimated value; analyte positively detected below the analytical reporting limit
LBP	lead-based paint
$\mu g/cm^2$	microgram(s) per square centimeter
µg/g	microgram(s) per gram
µg/L	microgram(s) per liter
m	meter(s)
MCL	maximum contaminant level
MEC	munitions and explosives of concern
mg/kg	milligram(s) per kilogram
mg/L	milligram(s) per liter
M	
MPPEH	material potentially presenting an explosive hazard
MSL	mean sea level
MSSL	Medium-Specific Screening Levels
NAEVA	NAEVA Geophysics, Inc.
NFA	no further action
NMED	New Mexico Environment Department
NRCS	Natural Resources Conservation Service
OB/OD	Open Burn/Open Detonation
OD	Open Detonation
PA	Programmatic Agreement
PARCC	precision, accuracy, representativeness, comparability, and completeness
PCB	polychlorinated biphenyl
PID	photoionization detector
PMP	2-(dimethoxyphosphiothioylsulfanylmethyl) isoindole-1,3-dione
PPE	personal protective equipment
PVC	polyvinyl chloride
QAPP	Quality Assurance Project Plan
QA/QC	quality assurance/quality control
QC	quality control
RCRA	Resource Conservation and Recovery Act
RDX	cyclotrimethylenetrinitramine
RFI	RCRA Facility Investigation
RI	remedial investigation
RI/FS	remedial investigation/feasibility study

RL	reporting limit
RLS	Registered Land Surveyor
RSL	Regional Screening Levels (EPA)
RTK	real time kinematic
SOW	Statement of Work
SB	soil boring (source of sample)
SL	sludge (source of sample)
SS	surface soil (source of sample)
SSL	Soil Screening Levels
SUXOS	Senor Unexploded Ordnance Supervisor
SVOC	semi-volatile organic compound
SW	surface water (source of sample)
SWMU	Solid Waste Management Unit
TAL	target analyte list
TB	trip blank (source of sample)
TCL	target compound list
TCLP	toxicity characteristic leaching procedure
TCP	traditional cultural property
TCS	Thermal Convection System (by PIKA International, Inc.)
TEAD	Tooele Army Depot
TM	Technical Manual
TSCA	Toxic Substances Control Act
TNT	trinitrotoluene
USACE	U.S. Army Corp of Engineers
USGS	U.S. Geological Survey
UXB	UXB International, Inc.
UXO	unexploded ordnance
VOC	volatile organic compound
WQCC	Water Quality Control Commission (New Mexico)
WSMR	White Sands Missile Range
WW	waste water (source of sample)
WWI	World War I
WWII	World War II
yd^3	cubic yards

ES.0 Executive Summary

ES.1 Executive Summary

This Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Work Plan summarizes the previous investigations and describes additional investigation activities to be completed at Areas of Concern (AOCs) and Solid Waste Management Units (SWMUs) within Parcel 6 at Fort Wingate Depot Activity (FWDA), New Mexico. Parcel 6 includes 4 SWMUs and 10 AOCs.

A companion to this document, the Historical Information Report for Parcel 6, has been prepared to compile and summarize historical documents available for Parcel 6 AOCs and SWMUs. The Historical Information Report provides further detail regarding the operational history, site or facility drawings, and environmental information contained in previously completed reports for Parcel 6 AOCs and SWMUs.

ES.2 Purpose

This RFI Work Plan has been prepared for submission to the New Mexico Environment Department's (NMED) Hazardous Waste Bureau (HWB), as required by Section VII.H.1.a of the RCRA Permit (NM 6213820974) for FWDA, which became effective December 31, 2005.

This RFI Work Plan contains information for the following SWMUs and AOCs located within, or in the case of SWMU 20 and AOC 78/82 partially within, the area designated as Parcel 6 of the FWDA:

- SWMU 4: Building 600 – Ammunition Work Shop Change House Laundry
- SWMU 8: Building 537 – Pesticide and Field Battery Shop
- SWMU 11: Buildings 541 and 542 – Ammunition Workshop
- SWMU 20: Western Landfill
- AOC 28: Igloo Block B
- AOC 42: Building 516 – Ammunition Receiving Building
- AOC 61: Building 507 – Smokeless Powder Magazine
- AOC 75: Electrical Transformers
- AOC 78/82: Feature 18
- AOC 79: Feature 2
- AOC 80: Feature 9
- AOC 81: Feature 11
- AOC 83: Feature 22
- AOC 84: Feature 12

ES.2 Proposed Investigations

Existing data have been evaluated to determine whether additional field activities are required to characterize the nature and extent of potential environmental impacts at the Parcel 6 AOCs and SWMUs. Sections 5 through 18 evaluate the existing data for individual AOCs and SWMUs, propose additional investigation activities, as needed, or make recommendations for no further action (NFA) based on the existing data. Brief summaries of the recommended actions for each Parcel 6 site are provided as follows:

- SWMU 4: Building 600

  Installation of seven additional soil borings and associated soil sampling is proposed to assess possible releases from building drain lines, the cesspool, and potential site housekeeping issues in order to compile a complete data set to support NFA for the site.

- SWMU 8: Building 537

  Installation of 15 additional soil borings and associated soil sampling is proposed to delineate the horizontal and vertical extent of previously detected polychlorinated biphenyls (PCBs) and pesticides concentrations in soil and to evaluate possible releases from the building septic tank.

- SWMU 11: Buildings 541 and 542

  Visual reconnaissance of the area north of Building 542 will be conducted to rectify previously reported interpretations of historic aerial photography with actual site operations and conditions. Additionally, installation of 13 additional soil borings and associated soil sampling is proposed to delineate the horizontal and vertical extent of previously detected explosives concentrations in soil, to evaluate possible releases from the building septic tank, and to assess potential releases from Building 541.

- SWMU 20: Western Landfill

  Installation of one additional soil boring and associated soil sampling is proposed to evaluate the potential presence of environmental impacts from potential undocumented historical operations at Feature 4 of SWMU 20 and to compile a complete data set to support a no further action for the site.

- AOC 28: Igloo Block B

  The Release Assessment sampling activities confirmed the presence of low concentrations of explosive compounds in soil at two of the sampled AOC igloos. Based on the confirmed presence of explosives at this AOC additional sampling is recommended to compile a complete data set to support NFA for this site. The proposed sampling includes collection composite soil samples below the igloo drains and multi-incremental soil samples from the igloo aprons and revetments.

- AOC 42: Building 516

  The Release Assessment sampling activities identified low concentrations of lead. Based upon the detection of lead at this AOC, additional sampling is recommended to compile a complete data set to support NFA for this site. The proposed sampling includes collection and analysis of surface and subsurface multi-incremental soil samples in the area east of Building 516.

- AOC 61: Building 507

  The Release Assessment sampling activities identified limited and low concentrations of explosives and lead. Based upon the detection of lead and explosives at this AOC, additional sampling is recommended to compile a complete data set to support NFA for this site. The proposed sampling includes collection and analysis of surface and subsurface multi-incremental soil samples in the area south of Building 507.

- AOC 75: Electrical Transformers

  The Release Assessment investigation determined that no PCBs were detected in soil at any of the Parcel 6 transformer locations. Additional soil sampling is recommended to compile a complete data set to support NFA for this site. The proposed sampling includes collection of discrete surface soil samples at each transformer location.

- AOC 78/82: Feature 18

  The Release Assessment conducted in July 2008 included a geophysical survey of the site and MI soil sampling. The geophysical anomalies were investigated and determined to be metallic scrap, such as nails and other metallic waste debris. No munitions and explosives of concern (MEC) items were identified during the investigation. The Release Assessment investigation identified limited and low concentrations of explosives and lead. Based on the limited number and low concentrations of COPCs detected at AOC 79, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.

- AOC 79: Feature 2

  The Release Assessment conducted in July 2008 included a geophysical survey of the site and MI soil sampling. The geophysical anomalies were investigated and determined to be metallic scrap, such as nails and other metallic waste debris. No MEC items were identified during the investigation. The Release Assessment investigation identified low concentrations of lead. Based on the limited number and low concentrations of COPCs detected at AOC 79, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.

- AOC 80: Feature 9

  The Release Assessment investigation identified limited and low concentrations of explosives and lead. Based upon the detection of lead and explosives at this AOC, additional sampling is recommended to provide more complete sample coverage of the AOC. The proposed sampling includes the creation of 24 multi-incremental sample decision units and collection of surface and subsurface multi-incremental soil samples from each decision unit.

- AOC 81: Feature 11

  The Release Assessment investigation identified low concentrations of lead. Based upon the detection of lead at this AOC, additional sampling is recommended to provide a complete data set to support NFA for this site. The proposed sampling includes collection and analysis of surface and subsurface multi-incremental soil samples from three decision units in the AOC.

- AOC 83: Feature 22

  The Release Assessment investigation identified low concentrations of lead. Based upon the detection of lead at this AOC, additional sampling is recommended to provide more complete sample coverage of the AOC. The proposed sampling includes the creation of six multi-incremental sample decision units and collection of surface and subsurface multi-incremental soil samples from each decision unit.

- AOC 84: Feature 12

  The Release Assessment investigation identified limited and low concentrations of explosives and lead. Based upon the detection of explosives and lead at this AOC, additional sampling is recommended to compile a complete data set to support NFA for this site. The proposed sampling includes collection and analysis of surface and subsurface multi-incremental soil samples within the AOC.

All RFI activities will be conducted in accordance with proposed actions and procedures specified in the NMED-approved work plan. Other associated project-specific planning documents are discussed in this work plan and provided as appendixes.

1.0 Introduction

This Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Work Plan summarizes the previous investigations and describes additional investigation activities to be completed at Areas of Concern (AOCs) and Solid Waste Management Units (SWMUs) within Parcel 6 at Fort Wingate Depot Activity (FWDA), New Mexico. The location of FWDA is shown in Figure 1-1. The location of the major land use areas and parcels within FWDA are shown in Figure 1-2. Parcel 6 includes 4 SWMUs and 10 AOCs as shown on Figure 1-3.

A companion to this document, the Historical Information Report for Parcel 6, has been prepared to compile and summarize historical documents available for Parcel 6 AOCs and SWMUs. The Historical Information Report provides further detail regarding the operational history, site or facility drawings, and environmental information contained in previously completed reports for Parcel 6 AOCs and SWMUs.

1.1 Purpose and Scope

This RFI Work Plan has been prepared for submission to the New Mexico Environment Department's (NMED) Hazardous Waste Bureau (HWB), as required by Section VII.H.1.a of the RCRA Permit (NM 6213820974) for the FWDA, which became effective December 31, 2005.

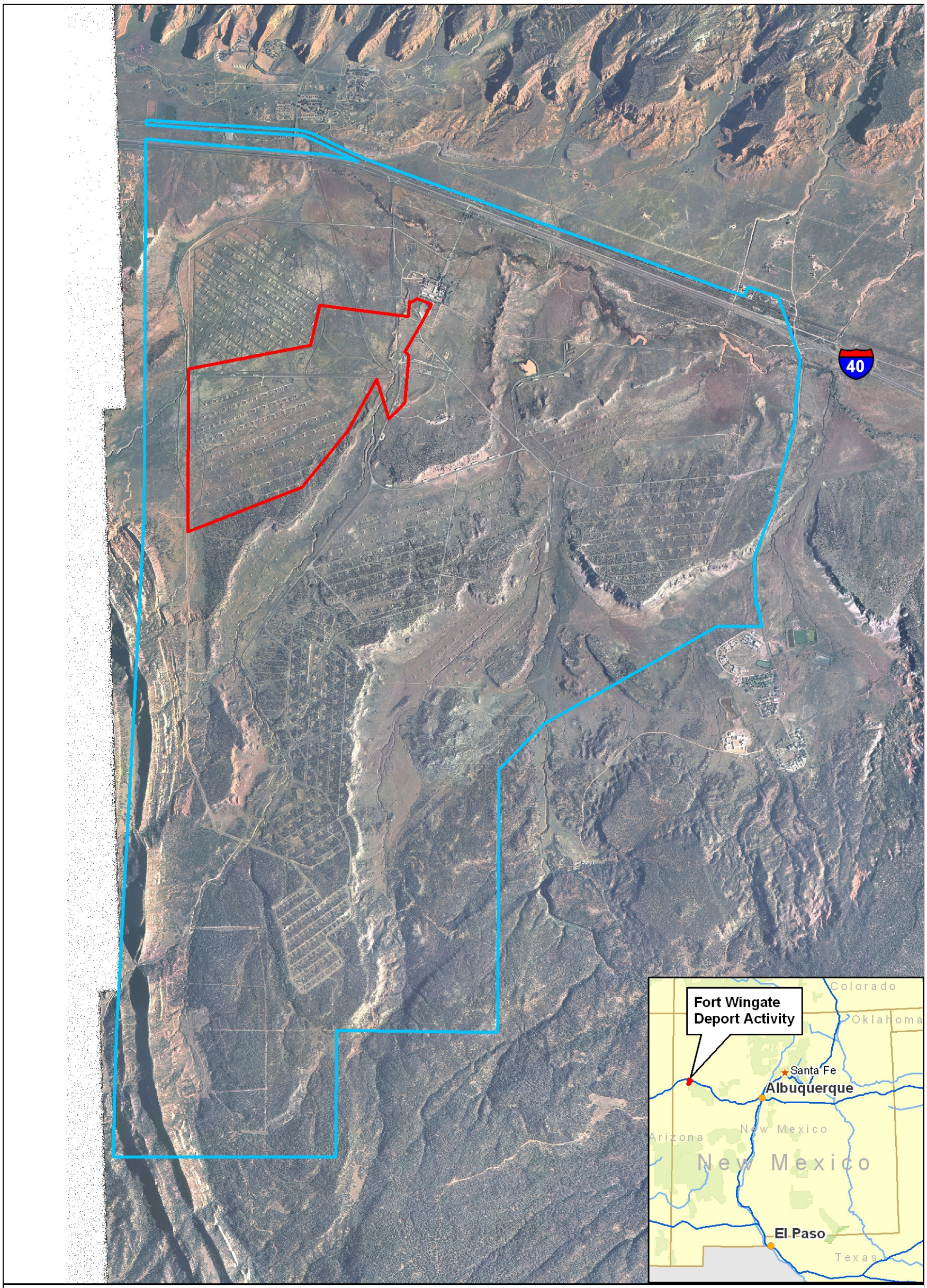
This work was completed in partial fulfillment of the requirements of Contract Task Order Number W9126G-08-F-0070 under Contract Number GS-10F-0029M as outlined in the Statement of Work (SOW) dated February 19, 2008, and the two subsequent amendments to that SOW. Technical oversight of this work was provided by the U.S. Army Corps of Engineers (USACE), Fort Worth District.

1.2 Document Organization

The remainder of this RFI Work Plan is organized into the following sections:

- Section 2 – Describes the cultural resources within Parcel 6
- Section 3 – Presents background information for the FWDA and Parcel 6 including operational histories and site conditions
- Section 4 – Describes the proposed investigation methods
- Section 5 – Presents information for SWMU 4 including the site background, previous investigations, investigation methods, and field activities
- Section 6 – Presents information for SWMU 8 including the site background, previous investigations, investigation methods, and field activities
- Section 7 – Presents information for SWMU 11 including the site background, previous investigations, investigation methods, and field activities
- Section 8 – Presents information for SWMU 20 including the site background, previous investigations, investigation methods, and field activities

- Section 9 – Presents information for AOC 28 including the site background, previous investigations, and the release assessment
- Section 10 – Presents information for AOC 42 including the site background, previous investigations, and the release assessment
- Section 11 – Presents information for AOC 61 including the site background, previous investigations, and the release assessment
- Section 12 – Presents information for AOC 75 including the site background, previous investigations, and the release assessment
- Section 13 – Presents information for AOC 78/82 including the site background, previous investigations, and the release assessment
- Section 14 – Presents information for AOC 79 including the site background, previous investigations, and the release assessment
- Section 15 – Presents information for AOC 80 including the site background, previous investigations, and the release assessment
- Section 16 – Presents information for AOC 81 including the site background, previous investigations, and the release assessment
- Section 17 – Presents information for AOC 83 including the site background, previous investigations, and the release assessment
- Section 18 – Presents information for AOC 84 including the site background, previous investigations, and the release assessment
- Section 19 – Provides project management information including project scheduling and reporting requirements, and other plans that will followed during completion of the proposed field activities
- References – Presents works cited within this report



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Legend

Fort Wingate Depot Activity Boundary

Parcel 6 Boundary

Equals 4,000 feet

Figure 1-1

Site Location Map for Parcel 6
Fort Wingate Depot Activity, New Mexico

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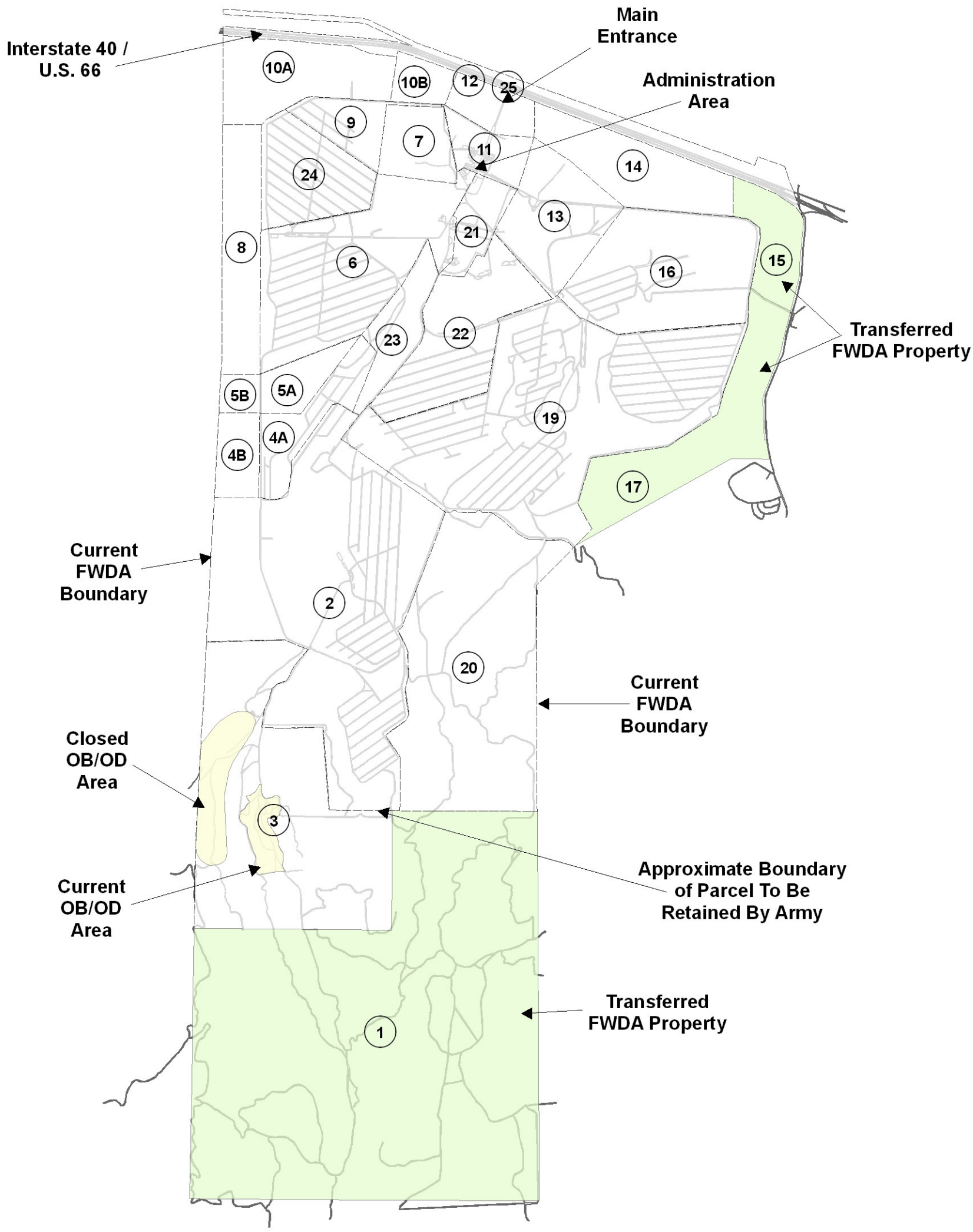

N

Equals 5,000 feet

Legend

- Parcel Boundary
- Transferred FWDA Property
- FWDA OB/OD
- FWDA Roads

Figure 1-2

Parcel and Major Land Use Locations
Fort Wingate Depot Activity, New Mexico

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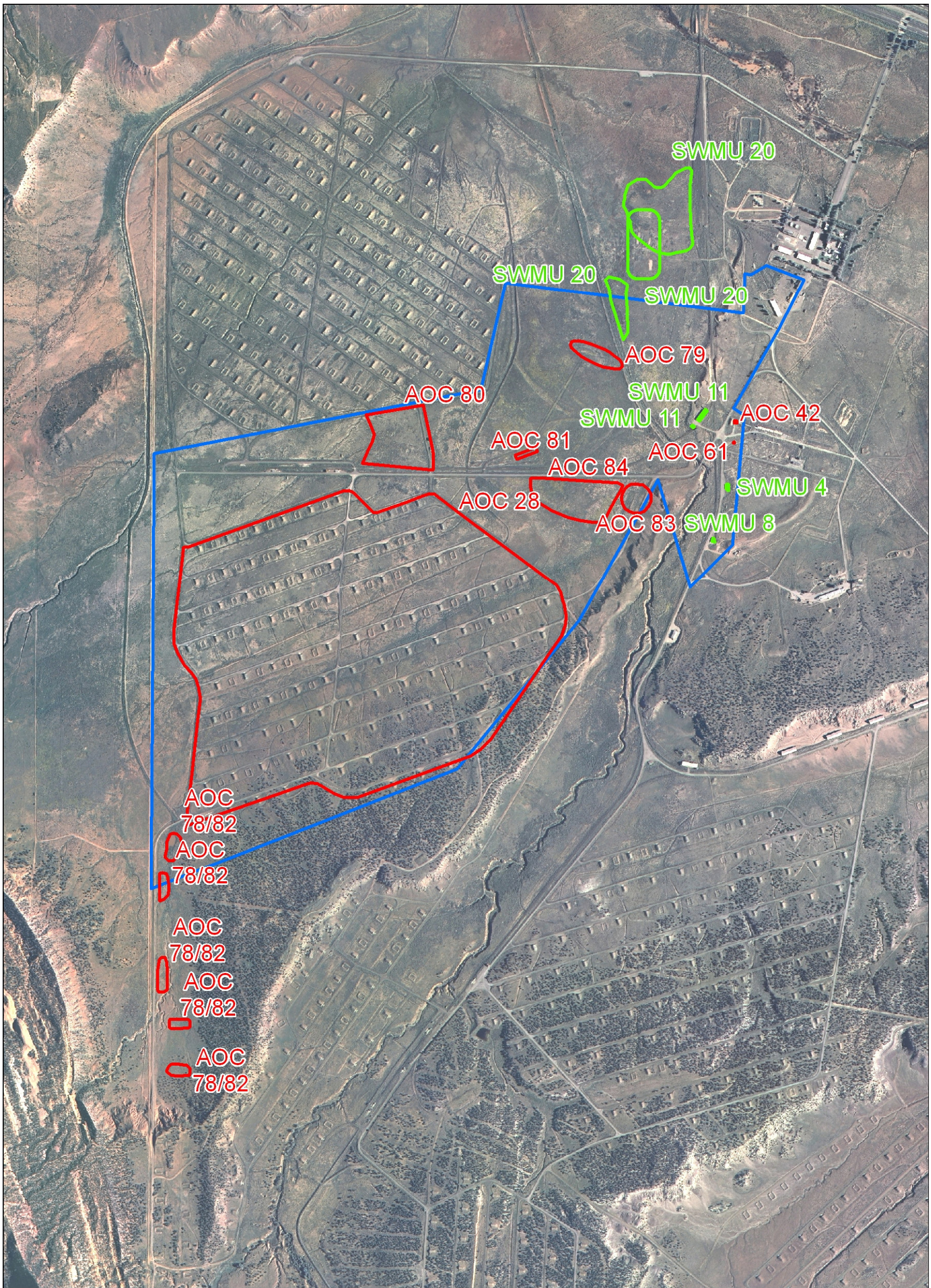

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Legend

Parcel 6 Boundary
AOC Boundary
SWMU Boundary

Equals 1,500 feet

Figure 1-3

Parcel 6 AOC and SWMU Locations
Fort Wingate Depot Activity, New Mexico

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2.0 Cultural Resources

Traditional cultural properties (TCPs) and other cultural resources have been documented within the 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 6.

The USACE, Fort Worth District has developed a Programmatic Agreement (PA) to specify procedures to be employed during environmental characterization and remediation activities. The PA is provided as Appendix A.

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. 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 and archaeological personnel will be on-site during intrusive activities as described in the PA.

3.0 Background

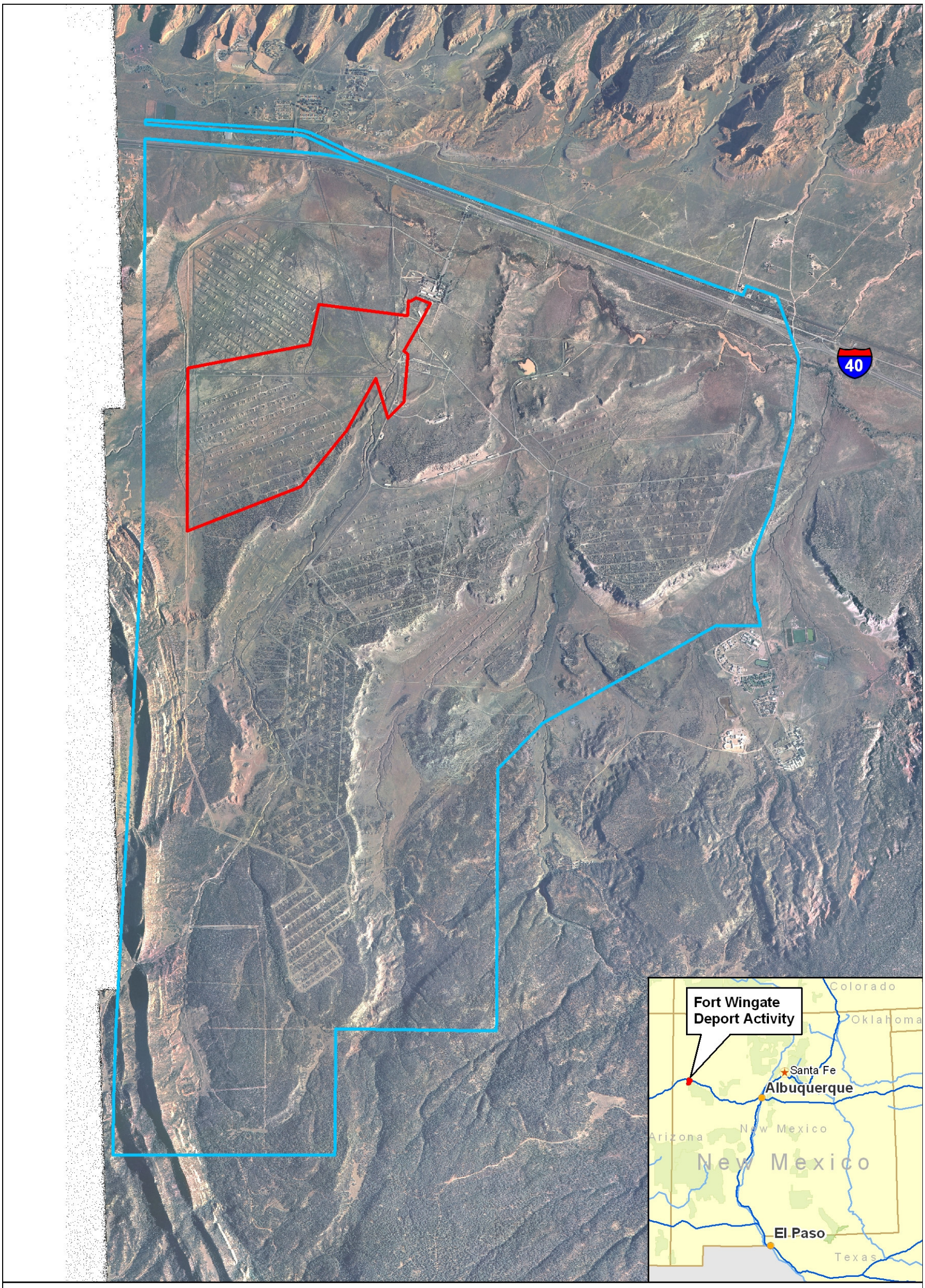
3.1 Site Description and Operational History

The FWDA installation is located approximately 8 miles east of Gallup, New Mexico, and currently occupies approximately 15,277 acres of land in McKinley County, New Mexico (Figure 3-1). The installation is almost entirely surrounded by federally owned or administered lands, including both national forest and tribal lands. The installation can be divided into several sub-areas based on their location and historical land use (Figure 3-2). The major land use areas include the following:

- The Administration Area – encompassing approximately 800 acres in the northern portion of the installation, which contains former office facilities, housing, equipment maintenance facilities, warehouse buildings, and utility support facilities.
- The Workshop Area – encompassing approximately 700 acres to the south of the Administration Area, which consists of an industrial area containing former ammunition maintenance and renovation facilities, the former trinitrotoluene (TNT) washout facility, and the TNT leach beds area.
- Ten Munitions Storage Areas (Igloo Blocks A through H, J, and K) – encompassing approximately 7,400 acres in the central portion of the installation, which consists of 732 earth-covered igloos and 241 earthen revetments previously used for the storage of munitions.
- The Open Burning/Open Detonation (OB/OD) Area – encompassing approximately 1,800 acres in the west-central portion of the installation, which is separated into two sub-areas based on the period of operation, the Closed OB/OD Area and the Current OB/OD Area.
- Protection and Buffer Areas – encompassing approximately 4,050 acres located adjacent to the eastern, western, and northern installation boundaries, which consists of buffer zones surrounding the former magazine and demolition areas.

The FWDA installation was originally established by the U.S. Army in 1862 at the southern edge of the Navajo territory. In 1918, the mission of the FWDA changed from tribal issues to World War I-related activities. Beginning in 1940, the FWDA's mission was primarily to receive, store, maintain, and ship explosives and military munitions, as well as to disassemble and dispose of unserviceable or obsolete explosives and military munitions. In 1975, the installation came under the administrative command of Tooele Army Depot (TEAD), located near Salt Lake City, Utah.

In January 1993, the active mission of the FWDA was ceased and the installation closed as a result of the Defense Base Realignment and Closure Act of 1990 (BRAC). Beginning in 2002, the U.S. Army reassigned many FWDA functions to the BRAC Division, including caretaker duties, property transfer, and performance of environmental compliance and restoration activities. Command and control responsibilities were retained by TEAD until January 31, 2008, when these responsibilities were transferred to White Sands Missile Range (WSMR).



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Legend

Fort Wingate Depot Activity Boundary

Parcel 6 Boundary

Equals 4,000 feet

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Figure 3-1

Site Location Map for Parcel 6
Fort Wingate Depot Activity, New Mexico

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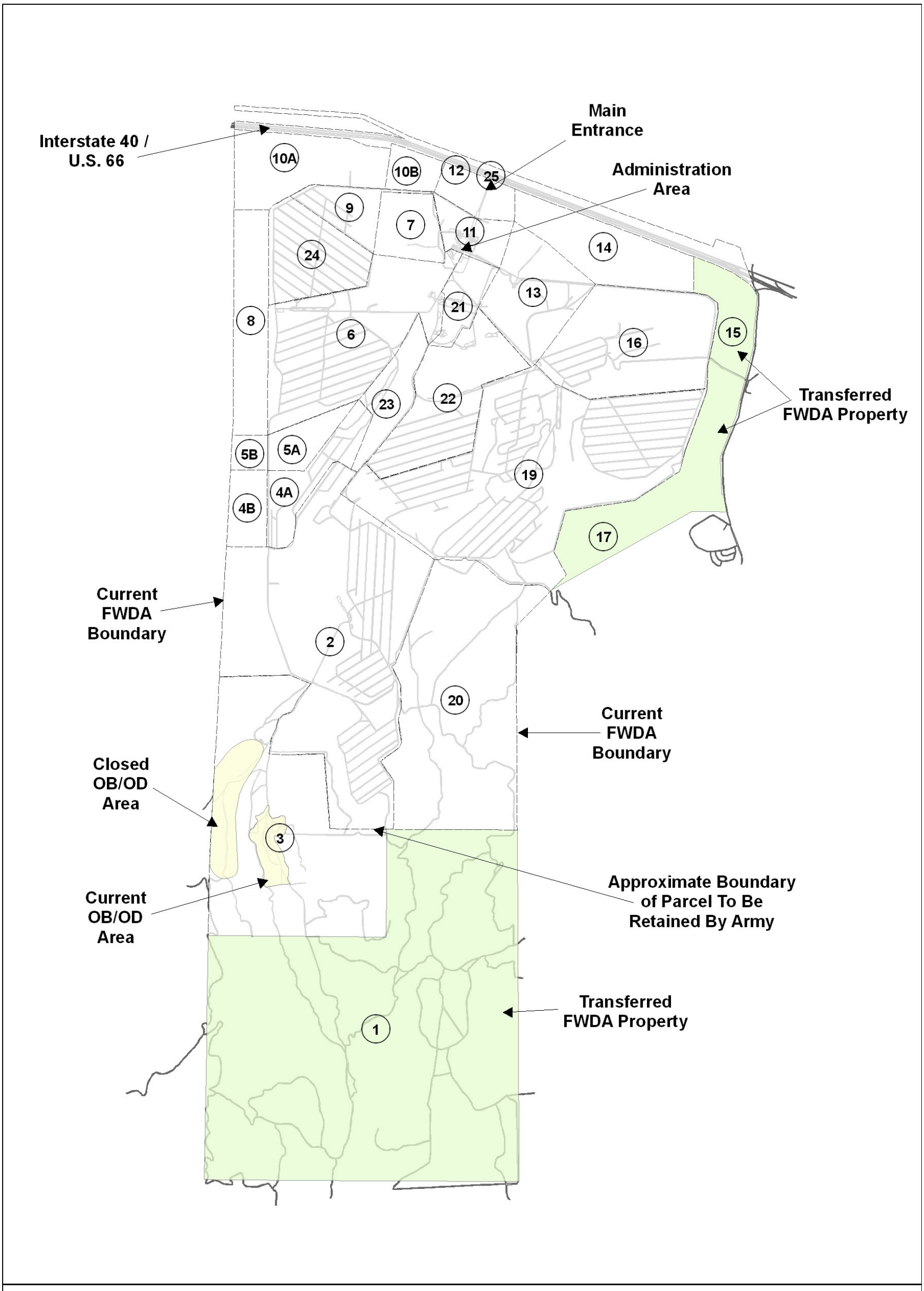


Figure 3-2

Parcel and Major Land Use Locations
Fort Wingate Depot Activity, New Mexico

The FWDA installation is currently undergoing final environmental characterization and restoration activities prior to final property transfer and reuse. The installation has been divided into reuse parcels as part of the planned property transfer to the U.S. Department of the Interior (DOI). This RFI Work Plan only includes information related to the SWMUs and AOCs located within Parcel 6. The RCRA Permit lists a total of 4 SWMUs and 10 AOCs located within the boundary of Parcel 6 (Figures 3-3 and 3-4). The sites included in this RFI Work Plan are:

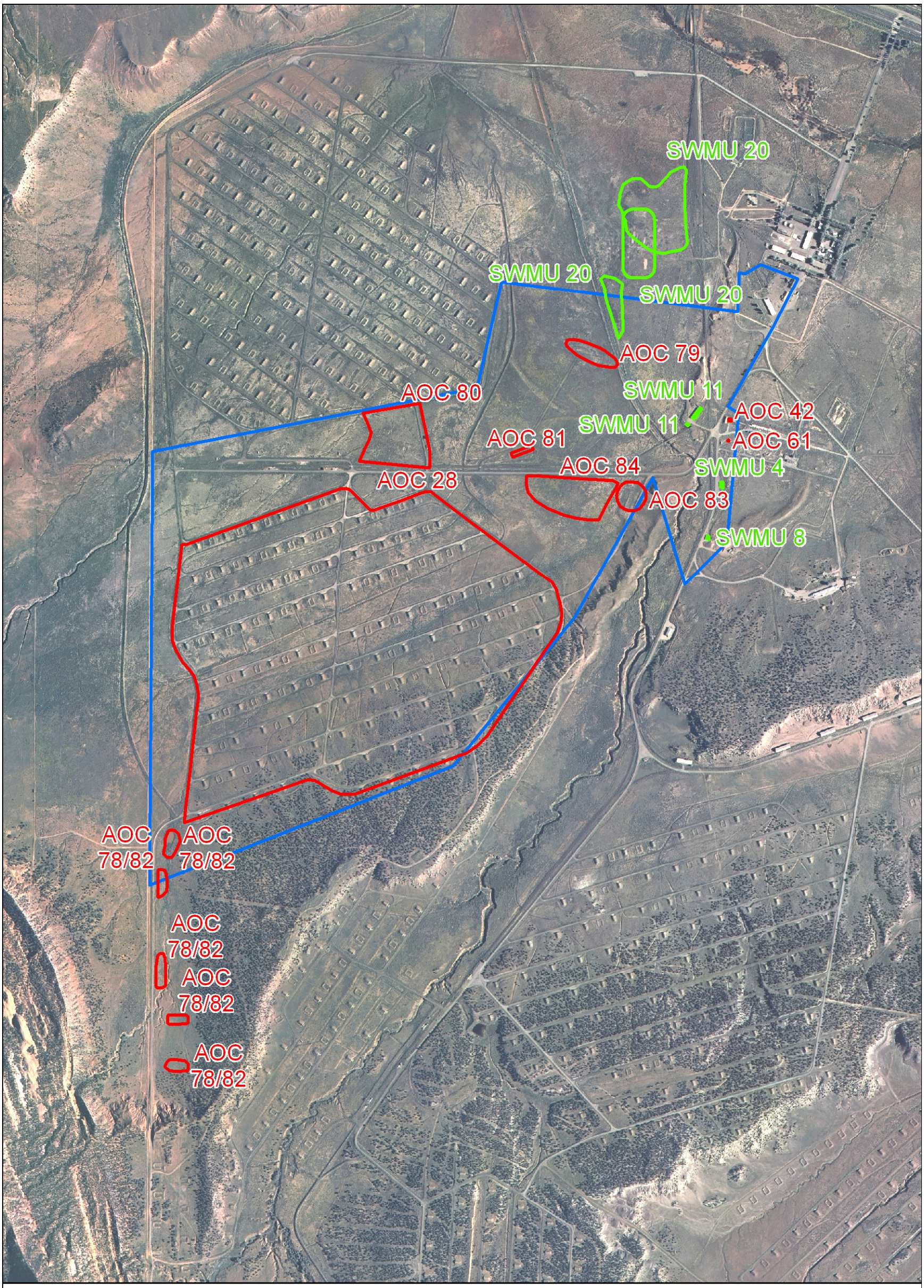
- SWMU 4: Building 600 – Ammunition Work Shop Change House Laundry
- SWMU 8: Building 537 – Pesticide and Field Battery Shop
- SWMU 11: Buildings 541 and 542 – Ammunition Workshop
- SWMU 20: Western Landfill
- AOC 28: Igloo Block B
- AOC 42: Building 516 – Ammunition Receiving Building
- AOC 61: Building 507 – Smokeless Powder Magazine
- AOC 75: Electrical Transformers
- AOC 78/82: Feature 18
- AOC 79: Feature 2
- AOC 80: Feature 9
- AOC 81: Feature 11
- AOC 83: Feature 22
- AOC 84: Feature 12

3.2 Site Conditions

3.2.1 Climate

Northwestern New Mexico is characterized by a semiarid continental climate. Most precipitation occurs from May through October. Most of the precipitation occurs as rain or hail in summer thunderstorms, and the remainder results from light winter snow accumulations (Metcalf & Eddy, Inc. [M&E], 1992). 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 the FWDA is 11 inches. Depending on local elevations, mean annual rainfall fluctuates between eight and 20 inches.

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 (M&E, 1992). 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 (M&E, 1992).



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Legend

Parcel 6 Boundary
AOC Boundary
SWMU Boundary

Equals 1,500 feet

Figure 3-3

Parcel 6 AOC and SWMU Locations
Fort Wingate Depot Activity, New Mexico

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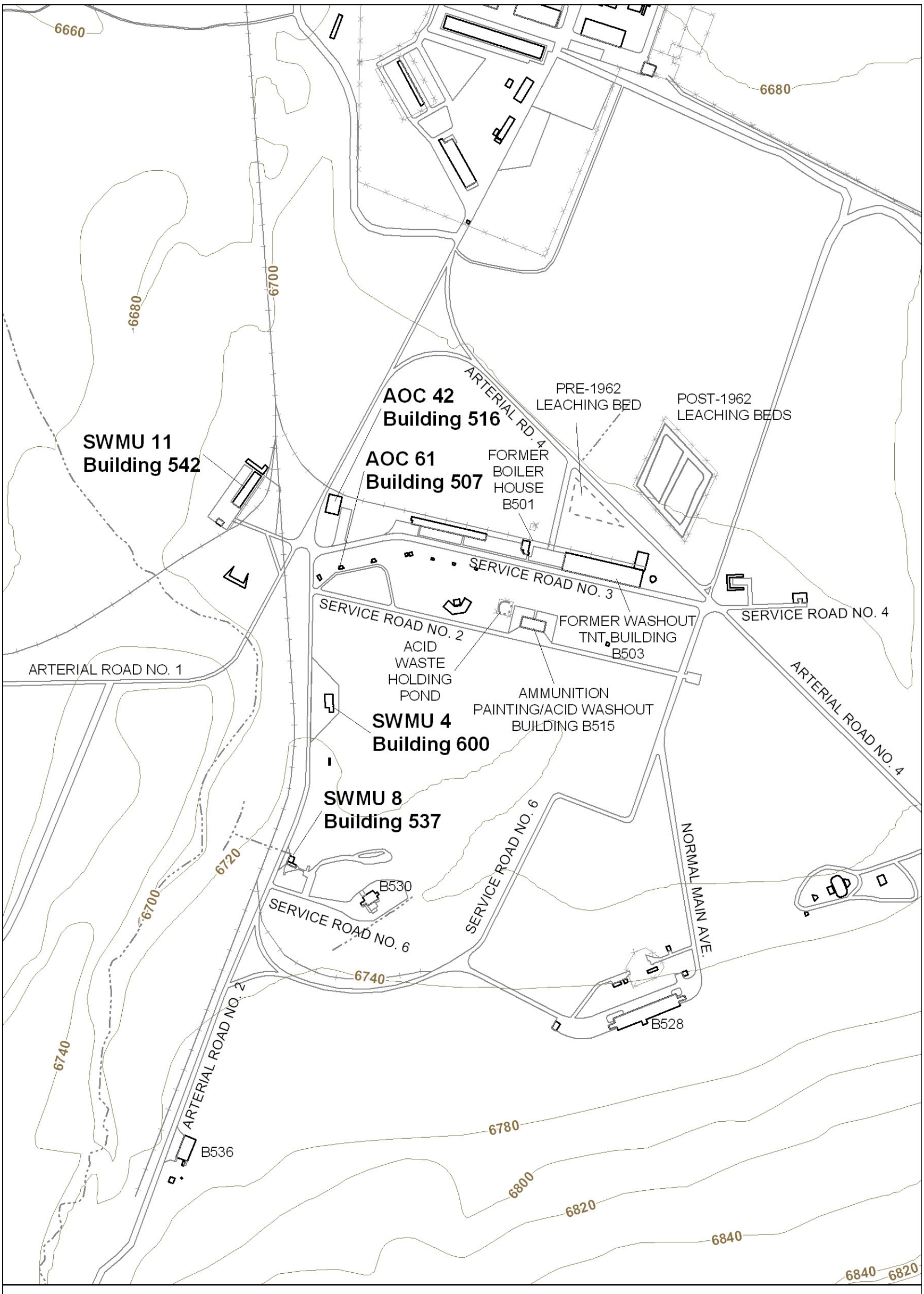

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FWDA Roads
FWDA Fence
Railroad
FWDA Water

Equals 500 feet

Figure 3-4

Workshop Area
Fort Wingate Depot Activity, New Mexico

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3.2.2 Topography

The elevation of the FWDA ranges from approximately 8,200 feet above mean sea level (MSL) in the south to 6,660 feet above MSL in the north (Figure 3-5). Topographically, the FWDA may be divided into three general areas: 1) the rugged north-to south trending Hogback along the western and the southwestern boundaries; 2) the northern hill slopes of the Zuni Mountains in the southern portion; and 3) the alluvial plains marked by bedrock remnants in the northern portion of the installation.

Main drainages, following the topography, generally flow from south to north and discharge to the South Fork of the Puerco River near the northern boundary of the FWDA. However, many tributaries follow the regional trend, flowing from southwest to northeast. 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 topographic contours for the land within Parcel 6 are shown in Figures 3-5 and 3-6 and illustrate that this parcel is relatively flat with higher elevations in the south. Surface runoff during rainfall/snowmelt events collects in arroyos that flow only during precipitation events or pools locally in low areas where it evaporates or infiltrates. No surface water bodies exist within Parcel 6.

3.2.3 Vegetation/Habitat

The vegetation cover for Parcel 6 includes moderate grasslands, sagebrush, and piñon-juniper woodlands. Parcel 6 provides habitat for antelope, prairie dogs, rattlesnakes, field mice, various other insects and animals, and occasionally mountain lions and bear.

3.2.4 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 the 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 6 is shown in Figure 3-7. NRCS soils descriptions are included in Appendix B. As presented in Figure 3-7 and Appendix B, there are five types of soil for Parcel 6. Soils are generally as follows from south to north: Evpark-Arabrab Complex, Aquima-Hawaikuh Silt Loam, Ojocal-Venaditio Complex, Ojocal Silt Loam, and Zia Sandy Loam. A rock outcrop of the Rizno-Tekapo Complex is present in the southeastern portion of Parcel 6 (Figure 3-7).

3.2.5 Geology

In 1997, geologic mapping of portions of the FWDA and a fracture trace analysis were conducted by the U.S. Geological Survey (USGS) located in Flagstaff, Arizona. Geologic units exposed at the ground surface throughout much of the FWDA were identified. Results of this identification, combined with information from geologic literature, are presented below to provide a description of the geologic and stratigraphic setting of the portion of the FWDA in which Parcel 6 is located.

3.2.5.1 Stratigraphy

The FWDA is underlain primarily by Triassic mudstone and sandstone layers that are tilted gently to the northwest. In the western and southern portions of the installation; however, Jurassic and Cretaceous sandstone and claystone layers are exposed along the Nutria Monocline (the Hogback), which is a steeply west-dipping, north-trending monoclinal fold.

Quaternary alluvial sediments cover nearly all of the land area in Parcel 6 (Figure 3-8). The alluvial deposits in Parcel 6 are underlain by the Triassic-age Petrified Forest Formation, which comprises greater than 75 percent of the bedrock exposed at the surface throughout the FWDA. The Quaternary alluvial sediments consist predominately of silts and clays, with discontinuous bodies of sand and some areas of gravel. Wind and water cause extensive soil erosion, especially where vegetative cover is absent. The Petrified Forest Formation underlying the sediments consists primarily of mudstone, claystone, and minor amounts of muddy sandstone. The Painted Desert Member of the Petrified Forest Formation is exposed at the ground surface on the areas of higher ground surface elevations located along the southwest portion of Parcel 6.

The Petrified Forest Formation is divided into three members with the upper and lower members divided by a middle member consisting of a relatively thick, continuous sandstone layer (Sonsela Sandstone Member). A stratigraphic column and description of the various lithologic units in the FWDA area is presented in Figure 3-9. The upper Painted Desert Member and the lower Blue Mesa Member each consist of mudstone, siltstone, sandy-mudstone, and lenticular sandstone layers. Sandstone lenses within the Painted Desert and Blue Mesa Members are thin (generally less than 20 feet thick), laterally discontinuous, and contain high quantities of very fine, muddy matrix. As a result, the apparent permeability of these lenses, and the Painted Desert and Blue Mesa Members as a whole, are very low. The Sonsela Sandstone Member (the middle member of the Petrified Forest Formation) is of variable thickness (20 to 80 feet thick) and is laterally continuous. This unit is a clean, well-sorted, quartzose sandstone that contains very small amounts of matrix and therefore has a high apparent permeability.

The Moenkopi Formation, the San Andres Limestone, and the Glorieta Sandstone underlie the Blue Mesa Member. The lower Petrified Forest Formation and the Moenkopi Formation comprise 250 to 300 feet of mudstones and sandstones with a relatively low apparent permeability. These units are underlain by approximately 100 feet of the San Andres Limestone which is underlain by approximately 120 feet of the Glorieta Sandstone.

3.2.5.2 Structural Geology

Bedrock underlying the majority of the FWDA installation dips gently to the northwest at an angle of approximately 5 degrees. The structural orientation of the bedrock substantially influences the movement of ground water. The ground water flow gradient across the installation is primary to the north-northwest, generally following the structural dip of the geologic units.

3.2.6 Hydrogeologic Conceptual Model

The hydrogeologic conceptual model that has been developed for the northern portion of FWDA is based on previous investigations conducted in the areas of the installation described as the TNT Leaching Beds and the Administration Area. This conceptual model has been developed based on data collected during various investigations performed over a 25-year period prior to issuance of the Permit. Generally, the objective of the prior investigations was the characterization of impacts to groundwater on a larger scale. Specifically, these investigations included a primary focus on impacts associated with discharges at the TNT Leaching Beds (part of SWMU 1), and a secondary focus on impacts associated with releases from various locations within the Administration Area. At the time the data were collected and the conceptual model was developed, the current system of dividing the FWDA into parcels, SWMUs, and AOCs was not in place. Therefore, the conceptual model uses broader terminology, such as TNT Leaching Beds and Administration Area, to describe areas of the FWDA installation and the associated hydrogeologic properties. The SWMUs within Parcel 6 are generally located within this broader “TNT Leaching Beds and the Administration Area” area of the installation. The Parcel 6 AOCs are located further south of the primary area that has been investigated as part of the TNT Leaching Beds and Administration Area. However, the AOCs of

Parcel 6 of have similar Quaternary alluvial material as the overlying unconsolidated geologic material and are underlain by similar Triassic-age geologic units.

A summary of the basic hydrogeologic model for the FWDA installation is presented in the following subsections.

Water Bearing Zones with the Shallow Unconsolidated Alluvium

The unconsolidated alluvium consists of a series of interbedded silt, clay, and sand Quaternary sediments ranging from near zero feet to almost 100 feet in thickness. These sediments form a wedge that increases in thickness from south to north through the TNT Leaching Beds and Administration Area study area. The thickest sediments are found near the Rio Puerco. The low permeability mudstone and siltstones of the Petrified Forest Formation are the bedrock that generally underlies the unconsolidated materials.

In the TNT Leaching Beds area adjacent to Parcel 6 two water-bearing zones have been identified within the unconsolidated materials. These zones are referred to as the first unconsolidated water-bearing zone and the second unconsolidated water-bearing zone. Where present, the first and second water-bearing zones are separated by a clay layer which is present between two thin, poorly graded sand deposits. Groundwater is typically encountered in each of these sand deposits, thus comprising the first and second water-bearing zones. However, the sand deposits and clay layer are not laterally extensive. In areas where the clay layer is absent a single water-bearing zone is present, which is then defined as the first unconsolidated water-bearing zone. In locations where the permeable sand intervals are absent, sustainable water-bearing zones are typically not present within the unconsolidated alluvium. The unconsolidated alluvial sediments tend to pinch out near outcrops and in areas of near-surface bedrock surfaces, acting to limit the areal extent of the shallow unconsolidated water-bearing units in these areas.

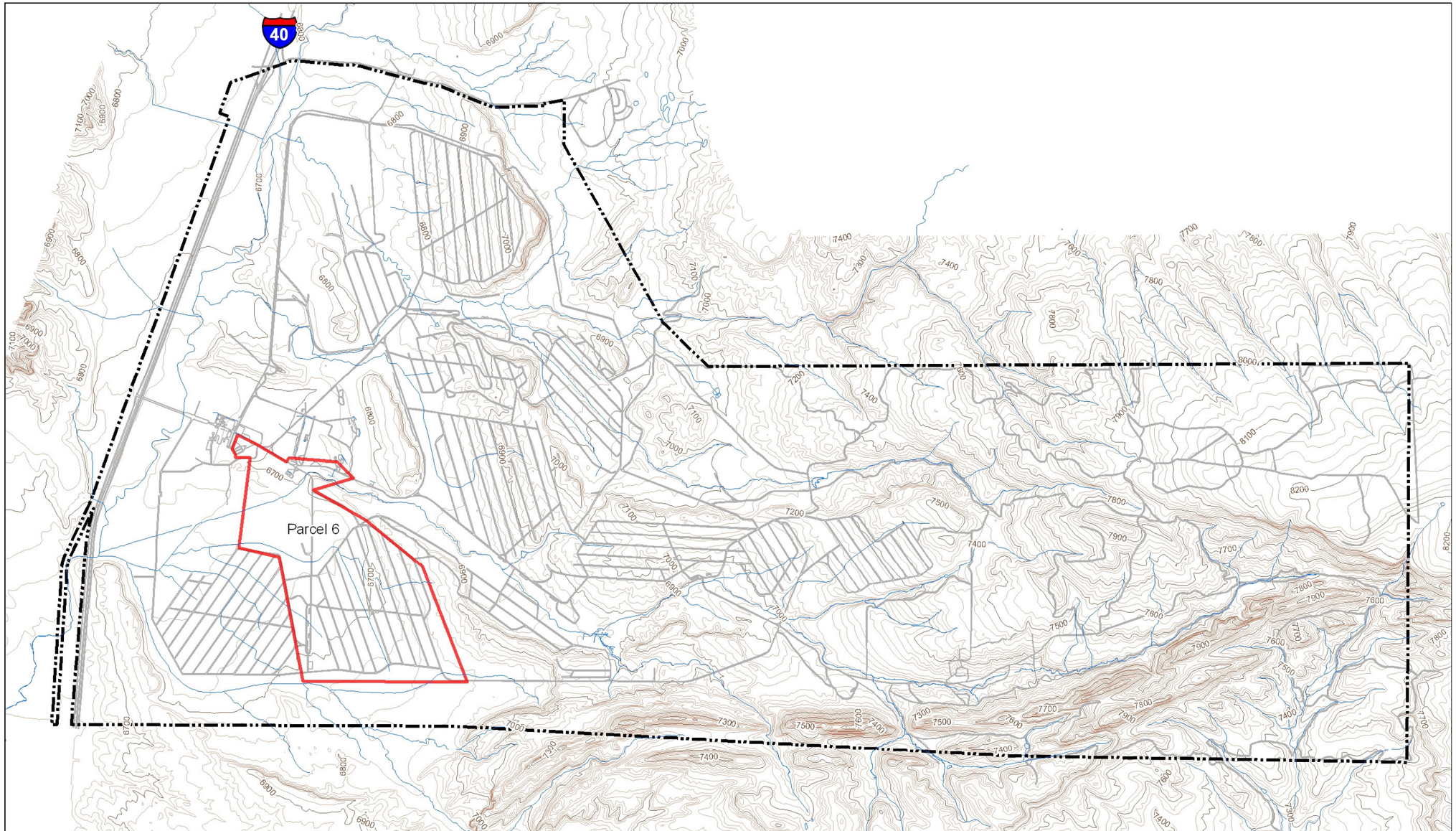
Groundwater in the unconsolidated sediments is derived from the infiltration and percolation of rain and snow-melt that moves downward through these sediments until it reaches the relatively low-permeability Triassic bedrock surface or one of the permeable sand units that define the first and second water-bearing zones. Groundwater flow is generally considered to be to the northwest within the Parcel 6 area.

Water-Bearing Zones with Bedrock Units

The TNT Leaching Beds and adjacent Parcel 6 area is largely underlain by low-permeability claystone bedrock with little water bearing capacity. However, discrete intervals of interbedded sandstone do provide a series of geologic materials that can be potential water-bearing zones. Previous investigations have indicated that the first encountered thin sandstone unit within the massive Painted Desert claystone interval may occur at approximately 80 to 110 feet below ground surface (bgs) but tends to be thin and discontinuous. This unit typically does not yield sufficient ground water to be regularly monitored with a groundwater monitoring well. Additionally, the claystone above and below the sandstone interval is largely dry, indicating little vertical movement of groundwater between intervals within this largely claystone sequence of rock. Despite being laterally discontinuous and not yielding sustainable water production, this interval is referred to as the “first sandstone water-bearing zone.”

At depths of slightly over 100 feet bgs and ranging to nearly 200 feet bgs, another stratigraphically lower sandstone interval is present within the massive claystone. This layer yields more appreciable and sustainable amounts of groundwater. This interval is referred to as the “second sandstone water-bearing zone.” However, the claystone intervals above and below the second sandstone water-bearing zone are also largely dry, again suggesting little vertical movement of water occurs within the geologic unit.

A series of groundwater monitoring wells have been installed in association with investigations of the TNT Leaching Beds. Additional groundwater monitoring wells were later installed to assess possible groundwater impacts from Buildings 542 and 600. Wells that are applicable to Parcel 6 are located primarily within the western portion of the Workshop area and the southeastern portion of Parcel 6. Findings from these monitoring wells have generally verified that the extent of unconsolidated water-bearing zones in the Parcel 6 area that are capable of yielding sustainable groundwater is limited. Additionally, the first sandstone water-bearing zone does not extend far enough to the west to be consistently observed in the Parcel 6 SWMU area. Groundwater is encountered within the second sandstone water-bearing zone in the Parcel 6 SWMU area. However, in the area of the Parcel 6 SWMUs the groundwater elevations within the groundwater monitoring wells suggest that the groundwater in different areas may be static and disconnected and not represent a contiguous potentiometric flow unit.



N

Equals 4,000 feet

Legend

- Arroyo
- Installation Boundary
- FWDA Parcel 6 Boundary
- FWDA Roads
- USGS Topo - Index
- USGS Topo - 20 ft interval

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG3-5.MXD JQUAN 4/15/2010 12:19:56

Figure 3-5

Facility-wide Topographic Map
Fort Wingate Depot Activity, New Mexico

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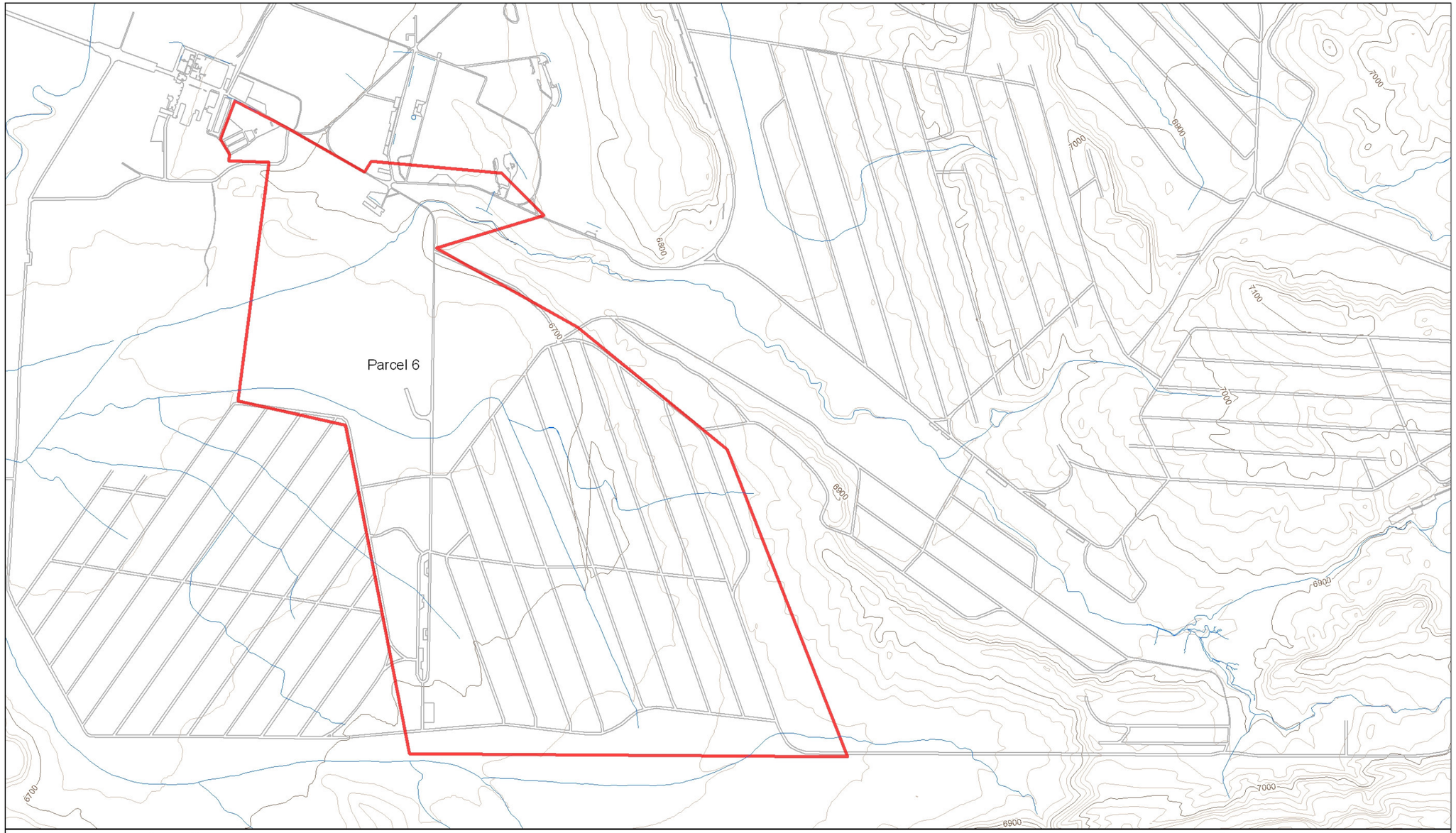

Legend

- Arroyo
- FWDA Parcel 6 Boundary
- FWDA Roads
- USGS Topo - Index
- USGS Topo - 20 ft interval

N

Equals 1,500 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG3-6.MXD JQUAN 4/13/2010 10:39:36

Figure 3-6

Parcel 6 Topographic Map
Fort Wingate Depot Activity, New Mexico

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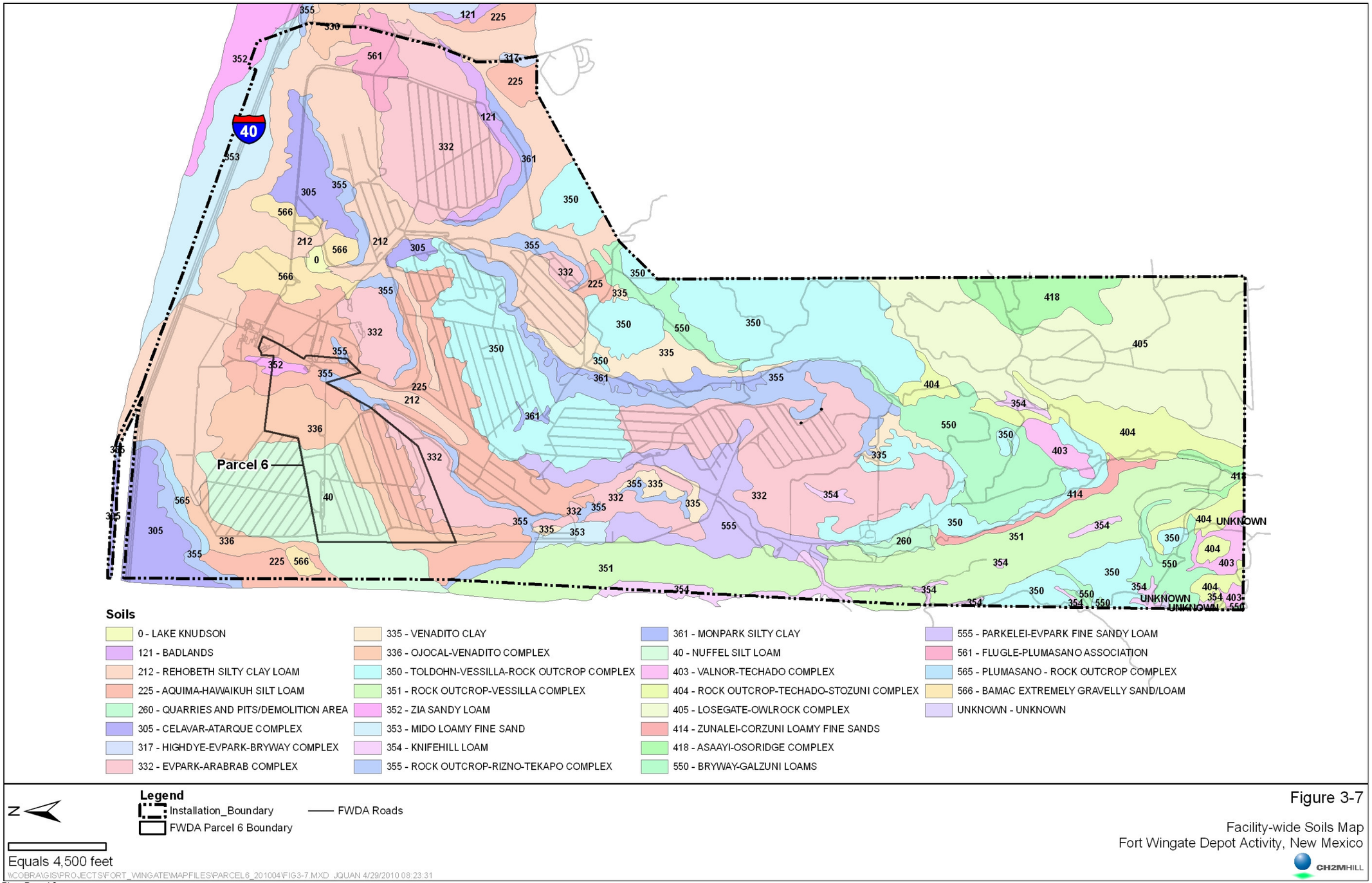
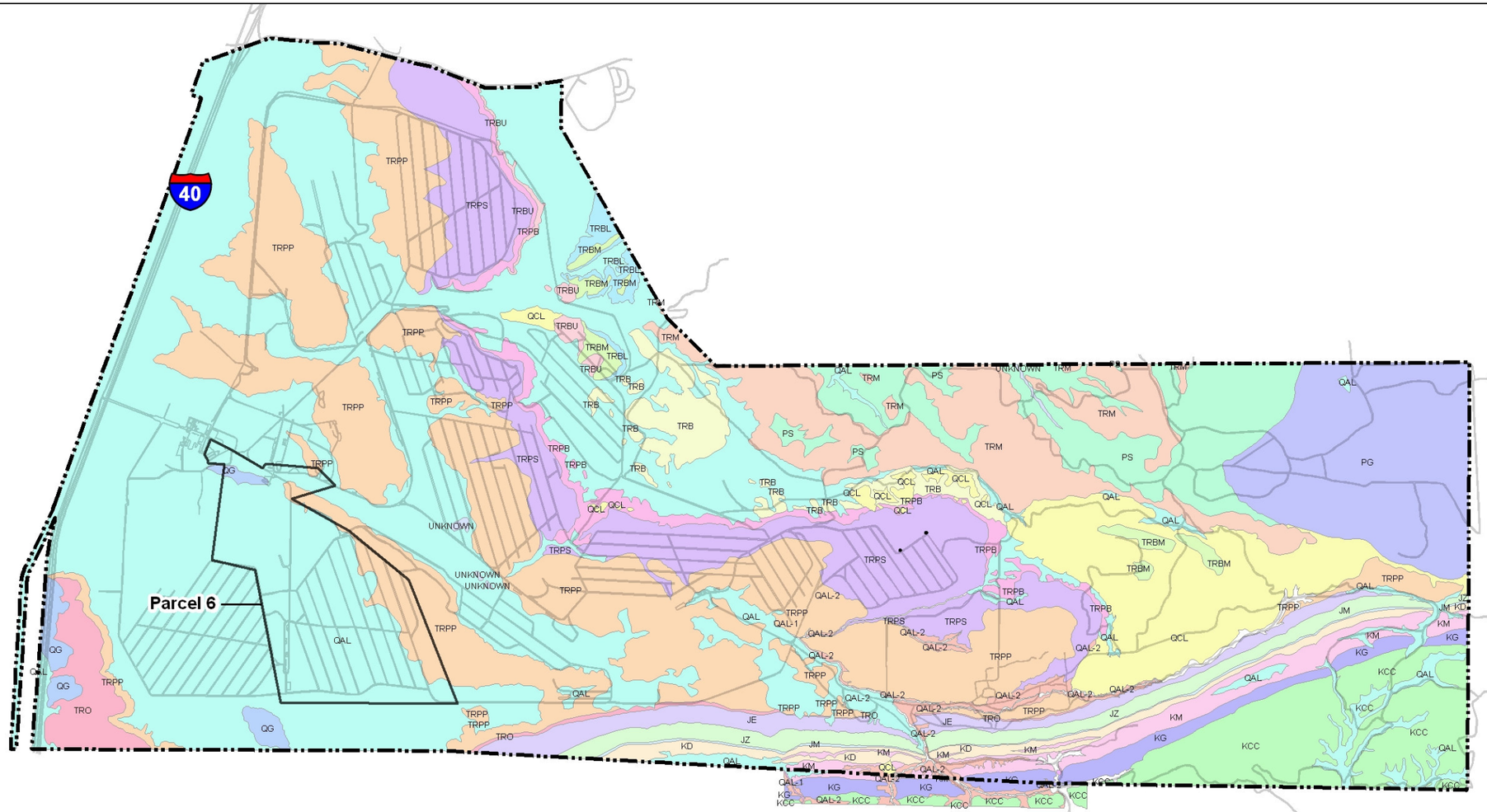
Figure 3-7 Facility-Wide Soils Map Parcel 6, Fort Wingate Depot Activity





Geologic Formations

- QAL, QUATERNARY ALLUVIAL DEPOSITS
- QAL-1,
- QAL-2,
- 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
- PS,
- PG, GLORIETA SANDSTONE
- UNKNOWN, UNKNOWN

N

Legend

- Installation_Boundary
- FWDA Parcel 6 Boundary
- FWDA Roads

Equals 4,500 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG3-8.MXD JQUAN 4/29/2010 08:23:03

Figure 3-8

Facility-wide Geologic Map
Fort Wingate Depot Activity, New Mexico

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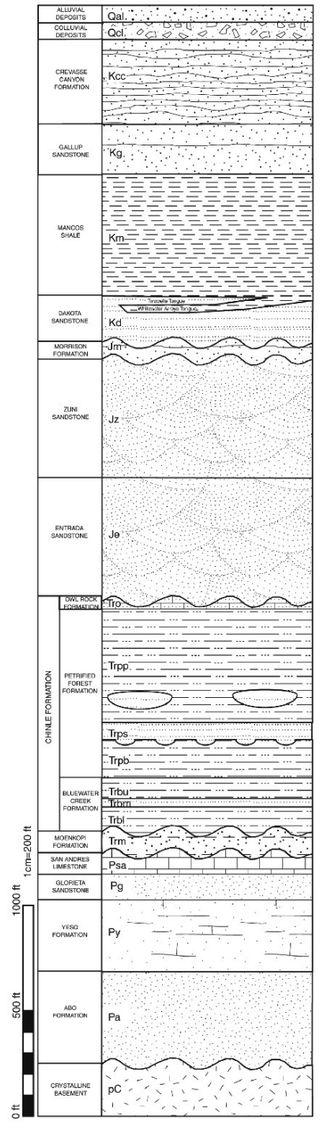

Description of Units

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

Figure 3-9

Stratigraphic Column
Fort Wingate Depot Activity, New Mexico

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4.0 Investigation Methods

4.1 Previous Investigations

The environmental restoration process has been underway for more than 30 years at the FWDA. In 1980, the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) guidelines began to guide the environmental restoration activities other than those in the OB/OD Area, with the U.S. Environmental Protection Agency (EPA) Region 6 as the lead regulatory agency. In 1996 the NMED was granted regulatory authority under RCRA and they became the lead regulatory agency at the site. Activities are currently performed under the RCRA Permit issued in 2005.

Available historical information from prior investigations for FWDA sites that lie within what is now identified as Parcel 6 have been compiled and summarized in a Historical Information Report, which serves as a companion to this RFI Work Plan. The Historical Information Report provides a listing of site surveys, data compilation efforts, operational history, site or facility drawings, and environmental investigations that have been contained in previously completed reports and which are pertinent to sites now considered to be within Parcel 6. Additionally, the Historical Information Report provides a brief summary of findings and conclusions from the relevant historical site investigation efforts. Summaries of prior environmental investigations pertinent to the Parcel 6 sites are also provided in the individual sections for the Parcel 6 AOCs and SWMUs within this RFI Work Plan.

4.2 Evaluation of Existing Data

Existing data have been evaluated to determine whether additional field activities are required to characterize the nature and extent of potential environmental impacts at the Parcel 6 AOCs and SWMUs. The following sections present a brief discussion of the general types of existing data available for Parcel 6. Existing data for individual AOCs and SWMUs are evaluated further as part of site-specific sections of this document.

4.2.1 Nonsampling Data

Nonsampling data available for Parcel 6 include facility drawings, maps, photographs, aerial imagery, historical documents, and interviews. Specific nonsampling data available for individual AOCs and SWMUs will be discussed further in the site-specific sections of this document.

4.2.2 Sampling Data

Sampling data available for Parcel 6 include soil, sediment, groundwater, and wipe samples collected and analyzed during various phases of prior investigations. Specific sampling data available for individual AOCs and SWMUs are evaluated in the site-specific sections of this document. As part of this RFI Work Plan, available soil analytical data for individual Parcel 6 AOCs and SWMUs have been compared to the most recent version of the NMED residential Soil Screening Levels (SSL) (NMED, 2009). If a NMED Residential SSL was not available for a specific compound then the compound was compared to the EPA Regional Screening Levels (RSL) (EPA, 2009). Previous analytical data are presumed to be of suitable quality to be used in the human health risk screening assessment process.

A soil background investigation was completed in 2000, as documented in a report entitled *Soil Background Concentration Report of Fort Wingate Depot Activity* (Malcolm Pirnie, 2000). The background investigation has not been approved by the NMED Hazardous Waste Bureau (HWB) to date. The Army plans to conduct additional sampling and analysis as part of a separate investigation to generate NMED-approved background concentrations of naturally occurring inorganic constituents in soil and groundwater at the FWDA. For this RFI Work Plan all positively detected inorganic constituents were included in the screening assessments.

Parcel 6 once contained several World War I (WWI) wooden magazine sites which were demolished prior to the current infrastructure on post, as well as other temporary storage structures that were not associated with a specific AOC or SWMU. The USACE consulted with the NMED and performed multi-incremental (MI) sampling on those sites not within a SWMU or AOC. Results of the sampling are found in the report entitled *Report of Investigation for Potential Environmental Areas of Concern, FWDA,* dated October 2007. The report was submitted to the stakeholders and NMED in November 2007. This report is discussed here because many of the sites investigated do not relate to the specific AOC or SWMU sections later in this report.

In this report the Army describes the magazines as wood buildings with a metal roof approximately 20 feet by 50 feet in size and stored bulk explosives in boxes. The report details the minimal historical information, investigative methods, and sampling results. It has a figure showing sample locations. Parcel 6 contains sites Z-221, 35J-291 through 294, 35K-305, 35K-306, 35K-307, 35L-316, 35M-319, 35M-320, 35M-321, 35M-323, 35N-332, and 35N-333. Each of the sites was tested for explosives using a MI sample from 30 subsamples from a depth of 0 to 6 inches below the surface. Also, each site was visually inspected by Mr. David Holladay, a Tech 3 Army Ordnance and Explosives Safety Specialist. He also surveyed each site with a Schoenstedt metal detector. The only explosive found on any of these sites was at site 35K-306. This site contained and estimated quantity (J flag – estimated value) of 0.19 milligram per kilogram (mg/kg) of 4-nitritoluene. This concentration is well below the residential SSL of 146 mg/kg. No munitions were detected.

4.3 Data Quality Objectives

The process used for development of the data quality objectives (DQOs) for additional characterization and/or remediation activities at Parcel 6 is described below:

1. *Statement of Problem*
   Determine the presence or absence of explosives, perchlorate, metals, pesticides, herbicides, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), and semi-volatile organic compounds (SVOCs) at Parcel 6 sites depending on the contaminants of potential concern (COPCs) identified for each individual site and if present, delineate the horizontal and/or vertical extent and magnitude of the contaminants.
2. *Identification of a Decision that Addresses the Problem*
   The presence or absence and horizontal and vertical extent of contamination in the soils at the Parcel 6 AOCs and SWMUs can be determined by collecting and analyzing surface and subsurface soil samples and evaluating whether or not the sample results are indicative of the presence of contamination. Previous investigations have not indicated that soil contamination has reached significant depths to affect groundwater. Groundwater will not be investigated unless the vertical extent of soil contamination at an individual site is sufficient to suspect migration of contaminants to groundwater by transport through the vadose zone.

3. *Identification of Inputs that Affect the Decision*
   Inputs that will affect the decision of whether or not soil samples from the site are uncontaminated include the validated analytical results for collected soil samples and respective NMED SSL and EPA RSLs.
4. *Specification of the Domain of the Decision*
   The domain of the decision of whether or not soils at the site have been negatively impacted is restricted to evaluation of only those parameters for which samples are analyzed and for which a screening level (that is, NMED SSL or EPA RSL) or other regulatory level exists.
5. *Development of a Logic Statement*
   If the validated analytical data for samples collected during this RFI exceed site-specific background levels, NMED SSL, and/or EPA RSLs, the area from which the sample was collected will be considered contaminated. Additional horizontal and/or vertical delineation may then be required until uncontaminated samples are collected. Groundwater will only be investigated at a site if the vertical extent of soil contamination is to a sufficient depth to suspect that groundwater may have become contaminated by transport of the contaminant through the vadose zone.
6. *Establishment of Constraints on Uncertainty*
   Uncertainty in the data used to evaluate the logic statement will be constrained by following the quality assurance and quality control (QA/QC) guidelines specified in the Quality Assurance Project Plan (QAPP) (provided in Appendix C); selecting the appropriate analytical support level for the soil sample data; and by adhering to both the field and laboratory data quality indicator objectives (precision, accuracy, representativeness, comparability, and completeness [PARCC]).
7. *Optimization of Design for Obtaining Data*
   To optimize the quality of data collected for evaluation, this RFI Work Plan has been developed to be used as guidance during field activities.

Quality assurance and quality control procedures associated with the field activities described in this document are presented in the QAPP, which is presented in Appendix C.

4.4 Planned Investigations

This RFI Work Plan describes additional field activities to be conducted at certain Parcel 6 AOCs and SWMUs to further delineate the nature and extent of environmental releases at those sites. Cultural resources oversight, specific sampling methods and procedures, management of investigation-derived waste (IDW), decontamination of equipment, and health and safety procedures are presented in the sections below and in specified appendices to this document.

4.4.1 Cultural Resources Oversight

TCPs and other cultural resources have been documented within the FWDA boundaries. The USACE, Fort Worth District has developed a PA to specify procedures to be employed during environmental characterization and remediation activities. A copy of the PA is provided in Appendix A. Maps showing the locations of TCPs relative to proposed investigation locations are not 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.

4.4.2 Health and Safety

The project-specific Health and Safety Plan (HSP) has been prepared for Parcel 6 and will be included with the Field Sampling Plan.

4.4.3 Field Investigations

Soil sampling is proposed for several SWMUs and AOCs as described later in this report in the site specific sections. Table 4-1 (provided at the end of this section) presents a summary table of all samples that will be collected as part of this investigation. Discrete soil sampling procedures are generally described in Section 4.4.4 and MI soil sampling is described in Section 4.4.5. A general description of well installation and sampling is described in Section 4.4.6. A specific discussion of the proposed field and soil sampling activities is presented in the individual Parcel 6 SWMU and AOC sections. Sample locations will be surveyed as described in Section 4.4.7. Sample identification, management, and field documentation will be conducted as described in the Sections 4.4.8 and 4.4.9. Decontamination of non-disposable sampling equipment and drilling equipment will be conducted as described in Section 4.4.10. Any investigation-derived waste (IDW) generated during the investigation will be managed as described in Section 4.4.11.

4.4.4 Discrete Soil Sampling

Discrete soil sampling methods are generically described in this section with specific rationale and sampling locations specifically described in the individual Parcel 6 SWMU or AOC sections. Discrete soil sampling will be conducted to delineate the nature and extent of COPCs at certain Parcel 6 AOCs and SWMUs. Sampling activities at each site are described within the specific section of this Work Plan that discusses the subject AOC or SWMU. The specific method, intervals, and depths to be sampled at the subject AOC or SWMU will be dependant on the nature and extent of COPCs at that site. Sample collection volumes, bottle requirements, preservation, and holding times are described in the project QAPP, which is included as Appendix C.

During discrete soil sampling relatively undisturbed discrete soil or rock samples shall be obtained, where possible, during the advancement of each boring for the purpose of logging, field screening and analytical testing. A decontaminated split-barrel sampler lined with brass sleeves or direct-push barrel with unused acetate sleeves shall be used during drilling to obtain representative core samples. Analytical samples shall be collected from the core samples as described in the QAPP (Appendix C). The remaining portions of the core sample shall be used for logging and field screening. Samples to be submitted for laboratory analyses shall be selected based on: 1) the results of the field screening analyses; 2) the position of the sample relative to groundwater, suspected releases, or site structures; 3) the sample location relative to former or altered site features or structures; 4) suspected migration pathways and the stratigraphy encountered in the boring; and 5) the specific objectives for site characterization at the individual SWMU or AOC.

Samples obtained from all exploratory borings shall be visually inspected and the soil or rock type classified in general accordance with ASTM D2487 (United Soil Classification System) and D2488, for soil and rock classification. Detailed logs of each boring shall be completed in the field by a qualified engineer or geologist. Additional information, such as the presence of water- bearing zones and any unusual or noticeable conditions encountered during drilling shall be recorded on the logs.

Samples obtained from borings shall be screened in the field for evidence of the potential presence of contaminants. Field screening results shall be recorded on the boring logs. Field screening results are used as a general guideline to evaluate the nature and extent of possible contamination. In addition, screening results shall be used to aid in the selection of soil or rock samples for laboratory analysis. The primary screening methods shall be by visual examination and headspace vapor screening for VOCs. Head space vapor screening shall target VOCs and shall be conducted by placing a soil or rock sample in a plastic bag or a foil sealed container allowing space for ambient air. The container shall be sealed and then shaken gently to expose the soil or rock to the air trapped in the container. The sealed container shall be allowed to rest for a minimum of 5 minutes while vapors equilibrate. Vapors present within the sample bag head space will then be measured by inserting the instrument probe into a small opening in the bag or through the foil. The maximum value and the ambient air temperature shall be recorded on the field boring log. The monitoring instruments shall be calibrated each day to the manufacturer's standard. A photoionization detector (PID) equipped with a 10.6, or higher, electron volt lamp shall be used for VOC field screening.

Soil or rock samples shall be collected at intervals described in the individual Parcel 6 SWMU or AOC sections of this Work Plan. These samples shall be representative of the media and site conditions being investigated. Appropriate QA/QC samples shall be collected in accordance with the QAPP (Appendix C).

4.4.5 Multi-Incremental Soil Sampling

Multi-Incremental sampling methods are generically described in this section with specific rationale and sampling locations specifically described in the individual Parcel 6 AOC sections of this Work Plan. The MI soil sampling will be conducted to delineate the nature and extent of COPCs at certain Parcel 6 AOCs. The specific method, intervals, and depths to be sampled at the subject AOCs will be dependant on the nature and extent of COPCs at the respective sites. Sample collection volumes, requirements, preservation, and holding times are described in the project QAPP (Appendix C).

The MI sample collection will be conducted in accordance with applicable guidance as specified by EPA Method 8330B. In general, MI decision unit sizes will be limited to 0.25 acre, which is an area consistent with the size of a residential lot. Generally, a total of 50 MI sample increments will be collected within each decision unit. Additionally, each decision unit will be sampled at two depth intervals, one from 0- to 6-inches and another from 6- to 12-inches bgs.

The MI samples will be field screened and logged in accordance the methods described in Section 4.4.4.

4.4.6 Well Installation and Sampling

If the water table is encountered during the soil boring investigation activities, then a groundwater monitoring well may be installed. Potential well locations will be determined based on results of the borehole investigations.

As appropriate, 4-inch diameter schedule 40 PVC groundwater monitoring wells will be installed. Wells will be installed with 20 feet of 4-inch schedule 40 PVC 0.010-inch machine slotted screen with a 5-foot blank casing sump. Approximately 5-feet of the screened interval will be placed above the water table to allow for seasonal water level fluctuations. Wells shall have centralizers placed at the top and bottom of the screen. The filter pack shall be 10-20 Colorado Silica Sand or equivalent and will extend from the bottom of the borehole to a depth of 2 feet above the screened interval. Above the filter pack, a bentonite chip seal will be installed with a thickness of approximately 10 feet and hydrated with potable water every 1-foot to provide a competent seal. The thickness of the seal will be dependent on the lithology of the aquifer formation such that the bentonite seal extends from

the top of the filter pack to within 5 feet of the most consolidated unit above the water table. To the ground surface, a cement/bentonite grout mixture shall be installed using a tremie pipe. The mixture will consist of 94 pounds of Portland cement to 7 gallons of approved water and 3 percent by weight of sodium bentonite powder.

The well will have an 8-inch diameter by 5-foot tall round protective steel casing and a 4-foot by 4-foot wide by 4-inch thick concrete pad, which shall be installed in such a way as to direct surface runoff away from the casing. Four 4-inch diameter by 5-feet tall steel bollards will be installed around the well on the outside of the concrete pad. An approximate well casing stick-up height of 3 feet is required to accommodate a potential dedicated pump system. The well shall be equipped with a security lock and the well will be tagged with corrosion-resistant identification. The casing will be coated with protective yellow paint as required by the depot.

Wells will be developed by swabbing, bailing, and pumping until the recorded temperature, pH, turbidity, and specific conductivity values are within 10-percent of one another and once the turbidity is below 100 nephelometric turbidity units (NTU). Following well development, groundwater samples will be collected and analyzed for the specific COPCs identified for the respective SWMU or AOC. All samples will be analyzed in accordance with the project QAPP (Appendix C).

4.4.7 Survey of Points

All sample locations will be marked with a survey stake and flagged when sampling is complete. Following the field sampling program all sample locations will be surveyed by a New Mexico licensed professional surveyor. Horizontal coordinates for all sample locations will be referenced to the New Mexico State Planar grid.

4.4.8 Sample Identification, Chain-of-Custody, Packaging, and Shipping Procedures

4.4.8.1 Sample Identification

The sample identification will consist of a combination of the Parcel number, AOC or SWMU number, additional site identifier, source of sample, increment or boring number, type of sample, and depth of sample collection in accordance with the latest version of the FWDA *Environmental Information Management Plan* (USACE, 2007b). Additional description of the proposed sample nomenclature system is as follows:

Parcel:	06
SWMU or AOC:	04
Additional Site Identifier:	Y-B1045 (revetment) or F4 (feature 4 within SWMU 20)
Source of Sample:	SS (surface soil), SB (soil boring), SW (surface water), GW (groundwater), WW (waste water), SL (sludge), TB (trip blank), EB (equipment blank)
Boring or Increment Number:	XX or XXX, sequence number as appropriate
Type of Sample:	M (multi-incremental), C (composite), D (discrete)
Sample Depth:	0001 (0 to 1 foot), 1011 (10 to 11 feet), etc., as appropriate depending on the COPCs at an individual site

QA/QC samples (as described in the QAPP) will carry the same sample nomenclature as the parent sample with a unique suffix and numeral (if required) to distinguish individual samples. Equipment rinsate blanks and trip blanks, and field blanks will carry the sample location identifier with an additional designation of TBXX or EBXX (where XX represents the sequence number of the sample). Each blank will have a unique tracking number.

4.4.8.2 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 number, 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 numbers; date and time collected; collection location; tracking number; and analysis will be documented in the field log book.

4.4.8.3 Packaging and Shipping Procedures

All samples will be shipped by overnight air freight 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 quality control (QC) samples (such as, 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 to 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.

4.4.9 Field Documentation

Appropriate field documentation for all activities will be maintained as part of the formal project documentation. Field sampling documentation and data reporting will adhere to those procedures specified in the QAPP, which is provided as Appendix C.

4.4.10 Decontamination Procedures

Decontamination of reusable sampling equipment and personnel will be performed to ensure chemical analyses reflect actual concentrations at sampling locations by maintaining the quality of samples and preventing cross-contamination. The standard equipment decontamination procedures to be used during completion of soil sampling activities are as follows:

- All direct-push sampling cores will be collected in nonreusable acetate sleeves. The reusable direct push samplers and drill rods are not expected to come into direct contact with soil samples recovered for laboratory analysis. However, the samplers and drill rods will be decontaminated between boreholes.
- A simple decontamination wash pad shall be constructed using plastic sheeting which is rolled up at the ends (typically with lumber) to contain water. The pad shall be large enough to hold multiple 5-gallon buckets and sampling rods that require decontamination and to provide ample working area within the pad (roughly 8 feet by 8 feet).
- Direct push samplers and drill rods will be washed using a bristle brush in potable water to which alconox or liquinox laboratory detergent has been added. All items will then be thoroughly rinsed with potable water and allowed to air dry.
- Decontamination should be performed on the plastic sheeting of the temporary decontamination pad. Accumulated wash and rinse water will be left within the decontamination pad and allowed to evaporate.
- Once all decontamination water is evaporated, the plastic sheeting and associated pad materials shall be disposed of at an approved on-facility dumpster.

- After field cleaning, equipment will be handled only by personnel wearing clean gloves to prevent recontamination. The equipment will be moved away from the cleaning area to prevent recontamination. If the equipment is not to be immediately reused it will be covered with plastic sheeting or wrapped in aluminum foil to prevent recontamination. The area where the equipment is stored prior to reuse must be free of contaminants.

4.4.11 Investigation-Derived Waste Disposal

Investigation derived waste will be managed in accordance with the Investigation-Derived Waste Management Plan, which is presented in Appendix D.

Three types of IDW may be generated during the sampling of environmental media during the Parcel 6 RFI activities: residual soil volume, decontamination fluids, and disposable sampling equipment and personal protective equipment (PPE). These IDW categories will be managed as follows:

- Soil that remains after required sample volumes have been collected from recovered direct-push cores will be emptied from the sampling sleeves and contained in drums for appropriate disposal.
- Volumes of decontamination fluids are anticipated to be small. Decontamination fluids will be contained within the temporary decontamination pad areas during active sampling and decontamination activities at a site. Accumulated wash and rinse water will be left within the decontamination pad and allowed to evaporate.
- Used, non-decontaminated disposable sampling equipment or PPE will be placed in polyethylene trash bags and treated as general refuse which will be placed in suitable facility trash receptacles on a daily basis.

Table 4-1 Parcel 6 RFI Work Plan Analytical Requirements, Soil Sampling, Fort Wingate Depot Activity

	Explosives	Perchlorate	VOCs	SVOCs	TPH-DRO	TPH-ORO	Pesticides	Herbicides	PCBs	Metals
Method	8330B	6850	8260B	8270C	8015B	8015B	8081A	8151	8082	SW6010B and SW7471A
Specific Analyses Requested	Explosives	Perchlorate	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Diesel Range Organics	Oil Range Organics	Pesticides	Chlorinated Herbicides	Polychlorinated biphenyls	RCRA Metals
Location										
SWMU 4	23	0	25	23	0	0	0	0	0	23
SWMU 8	48	48	53	51	0	48	51	0	51	48
SWMU 11	69	69	71	69	8	0	0	0	0	69
SWMU 20	6	0	7	6	0	0	6	6	0	6
AOC 28	299	0	0	0	0	0	0	0	0	299
AOC 42	6	0	0	0	0	0	0	0	0	6
AOC 61	6	0	0	0	0	0	0	0	0	6
AOC 75	0	0	0	0	0	0	0	0	8	0
AOC 80	60	0	0	0	0	0	0	0	0	60
AOC 81	10	0	0	0	0	0	0	0	0	10
AOC 83	17	0	0	0	0	0	0	0	0	17
AOC 84	21	0	0	0	0	0	0	0	0	21
Total Analyses	565	117	156	149	8	48	57	6	59	565

5.0 SWMU 4: Building 600 (Former Building 539)

5.1 Background

5.1.1 Location, Description, and Operational History

Building 600 is located on the east side of Arterial Road No. 2, north of Building 537 and southwest of the Workshop Area (shown previously in Figure 3-4 and as shown in Figure 5-1). Building 600 was constructed in 1942 and is an approximately 3,800-square-foot structure built of native stone and cinder block with a reinforced concrete floor. Photographs 5-1 through 5-6, which are provided at the end of this section, show various views of Building 600. The building floor plan is shown in Figure 5-2. The main original building is approximately 40 feet by 64 feet. A 20-foot-by-24-foot addition was added to the southeast corner of the original building in 1961. Building 600 was formerly designated Building 539, so that numbering may appear in historic documents or drawings.

The Building 600 site was the former Ammunition Workshop (AWS) Change House and Laundry. The site was designated as SWMU 4 because it was identified as a potential source of explosives since it housed showers and laundry facilities for workers who performed explosives washout activities and handled munitions. There are no records of specific activities or operational dates associated for the change house and laundry facilities. Building 600 was not in operation at the time the FWDA installation was closed in 1993.

At various times during its operation, Building 600 interior drains discharged to a cesspool, an outfall to the adjacent arroyo, an outfall to the ground surface, and a connection to the sanitary sewer system (PMC, 2002). A boiler is located in the southeastern addition to the main original structure. At the time the building was taken out of service the boiler was fueled by natural gas. Reportedly the boiler was originally coal-fired with coal stored in a designated sub-room of the boiler room addition.

5.1.2 Surface Conditions

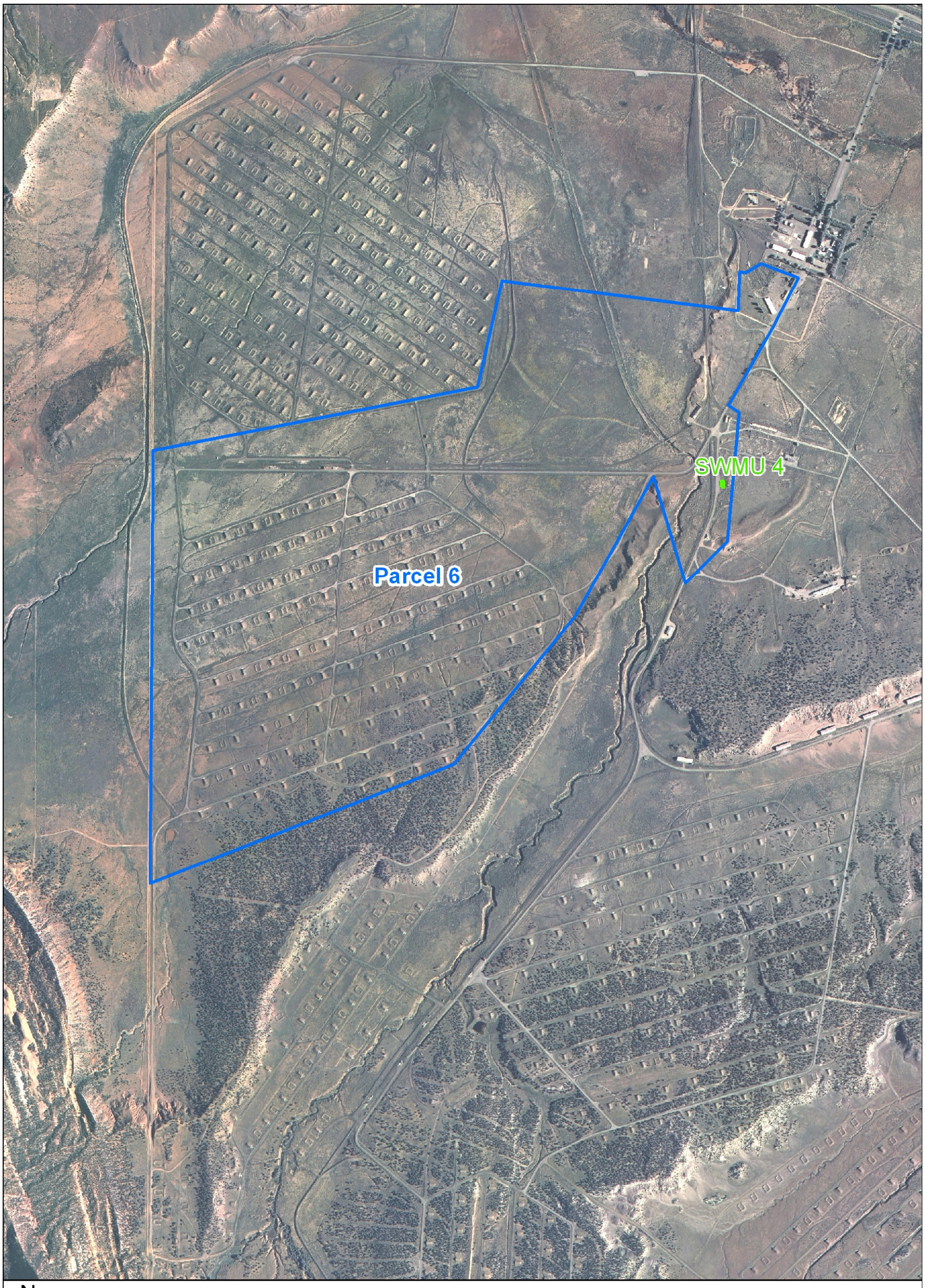
The SWMU 4 area is generally flat and the vegetation cover surrounding the building consists mostly of grass and sagebrush.

5.1.3 Subsurface Conditions

5.1.3.1 Existing Subsurface Infrastructure

Subsurface infrastructure at SWMU 4 includes interior drains, pipelines, and utilities associated with Building 600. Building 600 itself is a slab on-grade structure. The schematic for the building and the location of the associated drain lines are shown in Figure 5-2. Building 600 historically had the following drain lines:

- A 4-inch-diameter vitrified clay drain line that discharged directly to an arroyo approximately 300 feet west of the building
- A 4-inch-diameter vitrified clay drain line that discharged to a cesspool located approximately 100 feet northeast of the building.



N

Legend

Parcel 6 Boundary

SWMU 4 Boundary

Equals 1,500 feet

Figure 5-1

SWMU 4 Location Map
Fort Wingate Depot Activity, New Mexico

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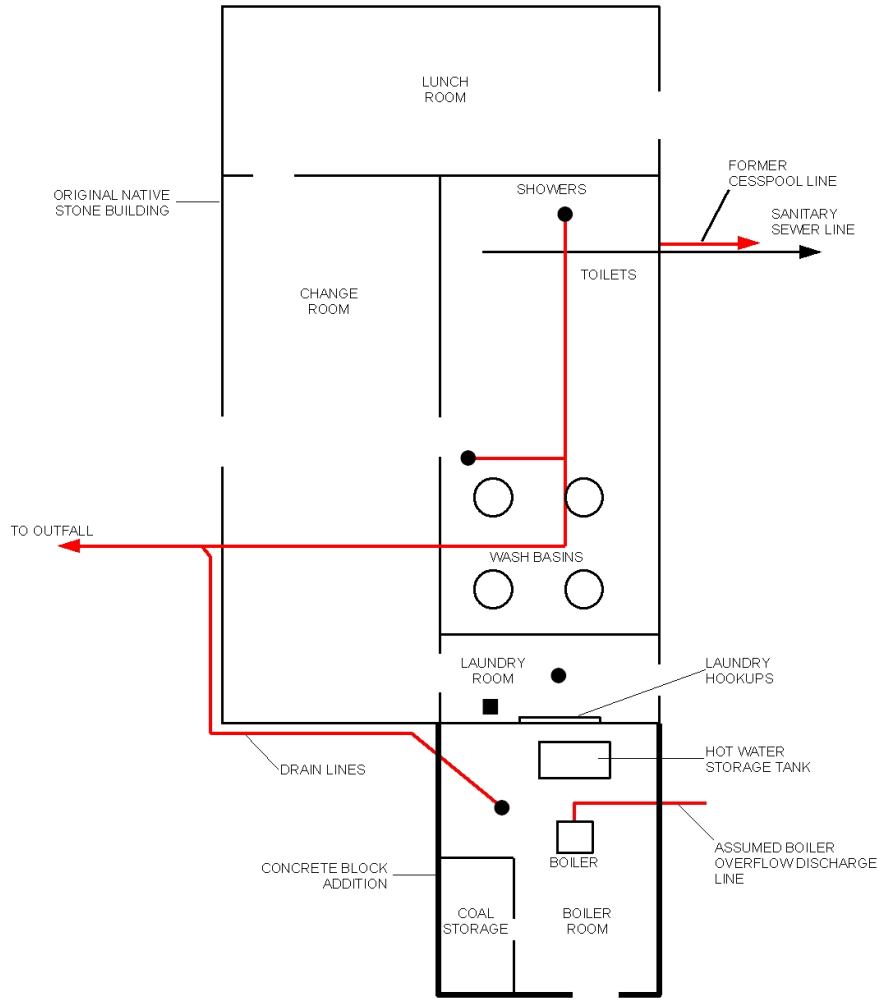
\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG5-1.MXD JQUAN 4/13/2010 14:14:23



N

Equals 15 feet

Legend

- ● Floor Drain
- ■ Sump

Figure 5-2
Floor Plan
SWMU 4, Building 600
Fort Wingate Depot Activity, New Mexico

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG5-2.MXD JQUAN 4/22/2010 15:47:32

CH2MHILL

- A 6-inch-diameter cast iron pipe that discharged directly to the ground surface approximately 30 feet southeast of the building
- A 6-inch-diameter vitrified clay pipeline that connected into the sanitary sewer line located 30 feet east of the building

All floor drains in the building reportedly discharged to the arroyo outfall; only the toilets discharged to the cesspool and then later to the sanitary sewer line. A grated sump is located in the south central portion of the original portion of the building. Field observations indicated that the sump did not have an outlet. The sump has a concrete bottom and an inspection by the USACE on February 6, 2010, found the concrete bottom to be intact and not cracked.

The 6-inch-diameter clay sanitary sewer line flows from south to north and is located east of Building 600. The sanitary sewer line also services four other facilities (Buildings 527, 528, 536, and 537) located upstream of Building 600, carrying sewage to the FWDA sewage treatment plant located in the Administration Area.

5.1.3.2 Other Subsurface Conditions

The SWMU 4 Building 600 is a slab on-grade structure, so there are no other subsurface structures aside from utilities associated with the building. Sampling that has been conducted at the site confirms that the site is underlain by unconsolidated alluvium to depths of at least 10 to 12 feet bgs. Depth to the first water-bearing zone water table is approximately 62 feet bgs in the general area, based on installed groundwater monitoring wells. Depth to the second water-bearing zone in the general area is between 70 and 118 feet bgs, based on installed groundwater wells.

5.1.4 Waste Characteristics and Contaminants of Potential Concern

The operational history of Building 600 does not indicate that hazardous materials or waste were specifically handled or otherwise stored at the site. Based on the operational history the only COPCs for SWMU 4 are explosives associated with the shower and laundry facilities that were used by workers who performed explosives washout activities and handled munitions.

5.2 Previous Investigations

5.2.1 Nonsampling Data

Previous nonsampling data include aerial imagery from 1935, 1948, 1952, 1958, 1962, 1966, 1973, 1978, 1985, 1991, 1993, and 1997. Building 600 is first visible in the 1948 aerial photo and persists in all subsequent years' photos. Interpretation of the aerial imagery did not identify any significant findings that would indicate activities different from those understood to be the operational history at the site. Additionally, the aerial imagery did not show conditions that would indicate releases to the environment.

Site reconnaissance conducted as part of the Phase I RFI confirmed the presence of the various interior floor drains depicted in Figure 5-2. The cesspool area was identified during the site reconnaissance although the cesspool itself had been filled in. The arroyo outfall pipeline to the west was also visible, as were the manholes associated with the sanitary sewer line to the east of Building 600. Stained soil, stressed vegetation, or other signs of environmental releases were not observed around Building 600 during the Phase 1 RCRA RFI site reconnaissance activities or during the site reconnaissance activities in 2008.

Other nonsampling data include historical drawings and maps available for Building 600 (formerly Building 539).

5.2.2 Sampling Data

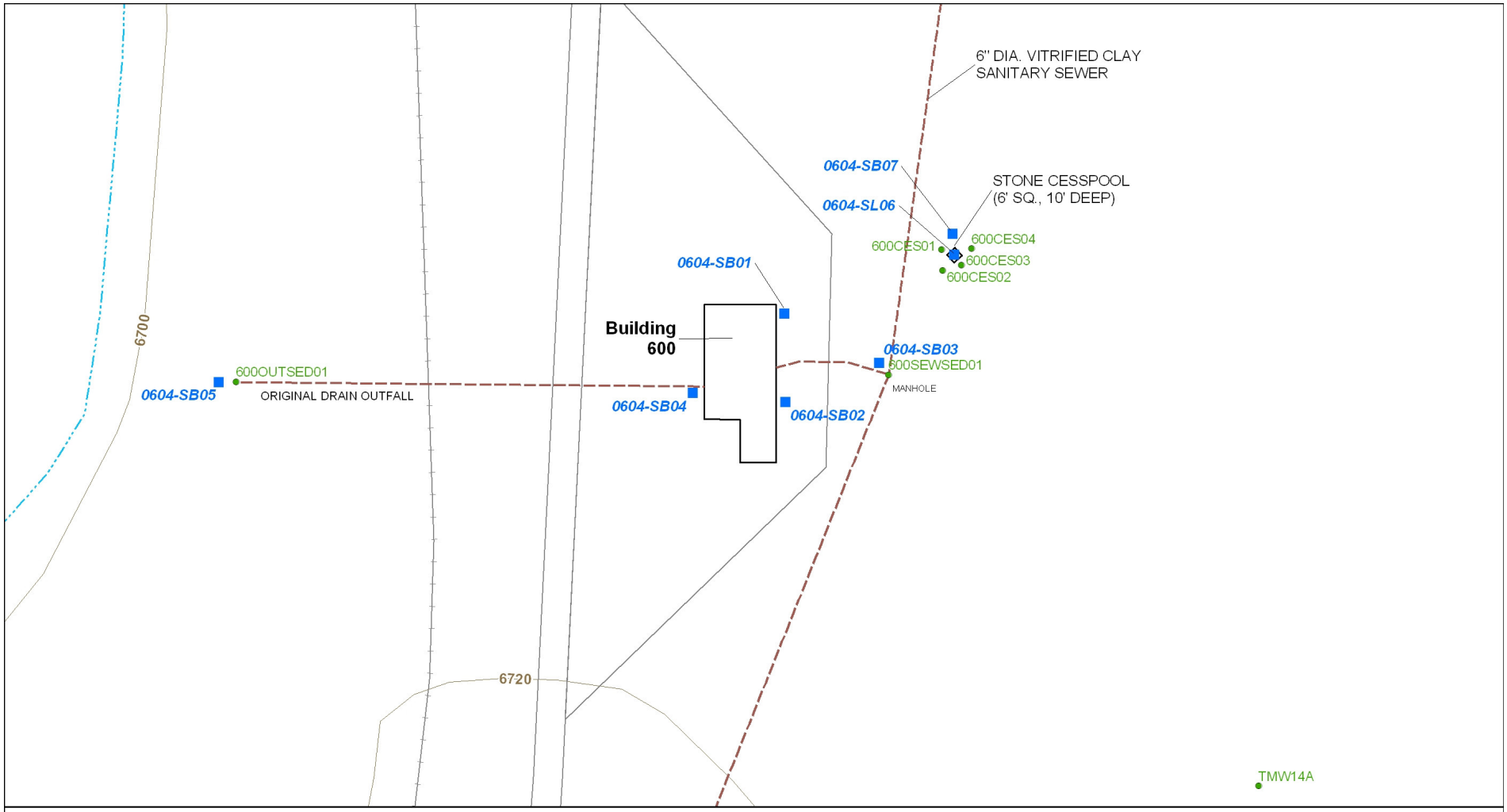
Previous investigative activities were performed at SWMU 4 as part of a Phase I RFI conducted in 2000 and 2001 as depicted in Figure 5-3. The RFI activities at Building 600 focused on investigation of the discharge points associated with the various drain lines from the building. Four soil borings were advanced to 12 feet bgs around the former cesspool. Two soil samples were collected from each boring from the 4- to 6-feet bgs and 10- to 12-feet bgs intervals. One surface soil sample was collected from the ground surface immediately downslope of the pipeline outfall into the arroyo. One sediment sample of the material accumulated in the sanitary sewer was collected from the sewer manhole directly east of Building 600. All collected samples were analyzed for explosives, target compound list (TCL) VOCs, TCL SVOCs, and target analyte list (TAL) metals.

Table 5-1 presents the concentrations of those compounds positively detected in the Phase I RFI samples. No explosives were detected in any samples at concentrations above the analytical reporting limit. As would be expected of geologic materials, concentrations of metals were detected in all samples although concentrations were below applicable NMED residential direct-exposure SSL. Low concentrations of several VOCs and SVOCs were detected in some samples. The detected VOCs or SVOCs included toluene, methylene chloride, and phthalate compounds. These compounds are common laboratory contaminants. The concentrations were all low, estimated values. All VOC and SVOC concentrations were substantially below applicable NMED residential SSLs. The sediment sample collected from the sanitary sewer manhole contained five SVOCs and seven VOCs (Table 5-1). Most concentrations were estimated values and all were well below the applicable NMED residential SSLs.

The Phase I RFI also included a groundwater investigation to further assess explosives concentrations that had been detected in previously installed groundwater monitoring well TMW-11. Well TMW-11 is located downgradient of Building 600, about 400 feet north of the building, as shown in Figure 5-4. The objective of the groundwater investigation was to evaluate whether Building 600 or nearby Building 542, considered part of SWMU 11, could be the source or sources of the explosives detected in groundwater at well TMW-11.

The groundwater investigation included the installation of six additional monitoring wells, including four wells screened within the first water-bearing zone (generally less than 70 feet bgs) and two screened within the second water-bearing zone (generally 70 to 118 feet bgs). The monitoring wells were installed to evaluate potential groundwater impacts from both Building 600 (SWMU 4) and Building 542 (SWMU 11). The wells were located throughout the western side of the FWDA Workshop area in the general area between and around Buildings 600 and 542. Well TMW-14A was installed approximately 600 feet upgradient of SWMU 4 to assess upgradient water quality in the first water-bearing zone as depicted in Figure 5-4.

Two rounds of groundwater samples were collected from the Phase I RFI monitoring wells in 2001. Analytical data indicated low levels of explosives (cyclotrimethylenetrinitramine [RDX], 2,4-dinitrotoluene, 2,6-dinitrotoluene, and nitrobenzene) in five of the six new wells and also in well TMW-11 where explosives were originally detected. Positively detected concentrations of explosives are presented in Table 5-2. All concentrations were estimated values less than 1 microgram per liter (µg/L). There are no applicable New Mexico Water Quality Control Commission (WQCC) standards or EPA maximum contaminant levels (MCLs) for these compounds. The analytical results from upgradient well TMW-14A indicated 2,4-dinitrotoluene and nitrobenzene at similar estimated concentrations as detected in the other Phase I RFI wells.



Legend

- Proposed Sampling Location
- 2000 Sample Location
- FWDA Sanitary Sewer
- FWDA Arroyo
- FWDA Fence
- Railroad
- FWDA Roads

N

Equals 60 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG5-3.MXD JQUAN 4/14/2010 09:36:06

Figure 5-3

Soil and Sediment Sample Locations
SWMU 4, Building 600
Fort Wingate Depot Activity, New Mexico

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Table 5-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 4, Building 600[a] Fort Wingate Depot Activity (concentrations in mg/kg) (1 of 3)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreCesspool	BoreCesspool	BoreCesspool	BoreCesspool
			600CES010105	600CES010212	600CES010212-FD	600CES020105
			11/29/00	11/29/00	11/29/00	11/29/00
			5 feet bgs	12 feet bgs	12 feet bgs	5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	0.00032 J	0.00043 J	0.00037 J	0.00043 J
Metals - EPA Method 6010	Aluminum	78,100	22,600	13,200	16,400	12,200
	Arsenic	3.59	2.08	1.62	1.49 J	1.98
	Barium	15,600	388	248	278	ND
	Beryllium	156	1.17	0.754	0.808	0.576
	Cadmium	77.9	ND	ND	ND	0.090 J
	Calcium	N/A	27,000	26,600	29,900	16,200
	Chromium	219	6.89	4.46	6.15	4.06
	Cobalt	23[c]	7.35	5.12	5.5	3.86
	Copper	3,130	11.3	6.36	6.61	5.01
	Iron	54,800	18,000	12,100	13,300	10,300
	Lead	400	13.6	9.82	10.6	6.57
	Magnesium	N/A	6,480	4,610	5,620	3,860
	Manganese	10,700	384	382	425	282
	Mercury	7.71	0.03	0.015 J	0.018 J	0.016 J
	Nickel	1,560	16.5	10.3	14.2 J	ND
	Potassium	N/A	4,330	2,510	3,330	2,500
	Sodium	N/A	1,380	573	688	1,800
	Thallium	5.16	0.139 J	0.10 J	0.11 J	0.165 J
	Vanadium	391	21.4	19.9 J	17.5 J	12.1
	Zinc	23,500	36.7	23.5	26.5	19.2

[a] Data referenced from PMC, 2002

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.

[c] EPA Regional Screening Levels (RSL), December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Table 5-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 4, Building 600[a] Fort Wingate Depot Activity (concentrations in mg/kg) (2 of 3)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreCesspool	BoreCesspool	BoreCesspool	BoreCesspool
			600CES020212	600CES030105	600CES030105-FD	600CES030212
			11/29/00	11/30/00	11/30/00	11/30/00
			12 feet bgs	5 feet bgs	5 feet bgs	12 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	0.00056	0.00028 J	0.00034 J	0.00029 J
SVOCs - EPA Method 8270B	Bis(2-ethylhexyl)phthalate	280	ND	ND	ND	0.049 J
	Diethyl phthalate	48,900	ND	ND	ND	0.016 J
Metals - EPA Method 6010	Aluminum	78,100	20,000	12,600	15,700	18,400
	Arsenic	3.59	1.65	1.57	1.7	1.87
	Barium	15,600	ND	229 J	277 J	262
	Beryllium	156	1.12	0.665	0.837	0.972
	Cadmium	77.9	ND	ND	ND	0.061 J
	Calcium	N/A	23,800	19,000 J	18,700 J	20,900
	Chromium	219	6.6	4.6	6.1	6.68
	Cobalt	23[c]	6.54	4.63 J	5.08 J	5.74
	Copper	3,130	11.1	6.60 J	7.73 J	8.45
	Iron	54,800	16,000	11,400	13,800	15,200
	Lead	400	12.6	7.43 J	8.71 J	11.8
	Magnesium	N/A	6,050	4,330	5,090	5,340
	Manganese	10,700	444	314	356	374
	Mercury	7.71	0.027	0.016 J	0.018 J	0.022
	Nickel	1,560	14.3	ND	ND	ND
	Potassium	N/A	4,180	2,650	3,360	3,740
	Sodium	N/A	991	2,520	2,600	1,400
	Thallium	5.16	0.162 J	0.064 J	0.082 J	0.082 J
	Vanadium	391	19	13.8 J	15.5 J	17.4
	Zinc	23,500	34.8	22.5 J	26.4 J	32.8

[a] Data referenced from PMC, 2002

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.

[c] EPA Regional Screening Levels (RSL), December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Table 5-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 4, Building 600[a] Fort Wingate Depot Activity (concentrations in mg/kg) (3 of 3)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreCesspool	BoreCesspool	Outfall	Sewer
			600CES040105	600CES40212	600OUTSED01	600SEWSED01
			11/30/00	11/30/00	11/07/00	11/07/00
			5 feet bgs	12 feet bgs	0.5 feet bgs	0.5 feet bgs
VOCs - EPA Method 8260B	2-Butanone	39,600	ND	ND	ND	0.111
	Acetone	67,500	ND	ND	ND	0.569
	Carbon disulfide	1,940	ND	ND	ND	0.0079 J
	Ethylbenzene	69.6	ND	ND	ND	0.0015 J
	Methylene chloride	199	ND	ND	0.0015 J	0.0060 J
	Toluene	5,570	0.00031 J	0.00029 J	ND	0.011 J
	Xylenes, total combined	1,090	ND	ND	ND	0.016 J
SVOCs - EPA Method 8270B	Anthracene	17,200	ND	ND	ND	6.42
	Bis(2-ethylhexyl)phthalate	280	ND	ND	ND	0.092 J
	Carbazole	N/A	ND	ND	ND	0.064 J
	Fluoranthene	2,290	ND	ND	ND	0.048 J
	Pyrene	1,780	ND	ND	ND	0.054 J
Metals - EPA Method 6010	Aluminum	78,100	8,260	18,500	9,350	12,800
	Arsenic	3.59	0.959	1.27	0.628	2.98
	Barium	15,600	242	299	150	193
	Beryllium	156	0.430 J	1.04	0.606	ND
	Cadmium	77.9	ND	0.059 J	ND	15
	Calcium	N/A	16,800	25,100	17,300	14,900
	Chromium	219	2.78	6.27	3.88	15.3
	Cobalt	23[c]	3.21	5.89	2.77	4.06
	Copper	3,130	3.08	8.43	4.41	123
	Iron	54,800	8,340	15,200	8,280	15,600
	Lead	400	5.53	11.2	5.39	224
	Magnesium	N/A	2,960	5,860	3,400	4,720
	Manganese	10,700	324	431	288	170
	Mercury	7.71	ND	0.018 J	ND	0.976
	Potassium	N/A	1,650	3,860	2,240	2,790
	Selenium	391	ND	ND	ND	2.74
	Sodium	N/A	1,040	801	244	602
	Silver	391	ND	ND	ND	2.95
	Thallium	5.16	0.07 J	0.128 J	ND	ND
	Vanadium	391	10.1	17.3	9.53	14.4
	Zinc	23,500	14.4	27.7	13	786

[a] Data referenced from PMC, 2002

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.

[c] EPA Regional Screening Levels (RSL), December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

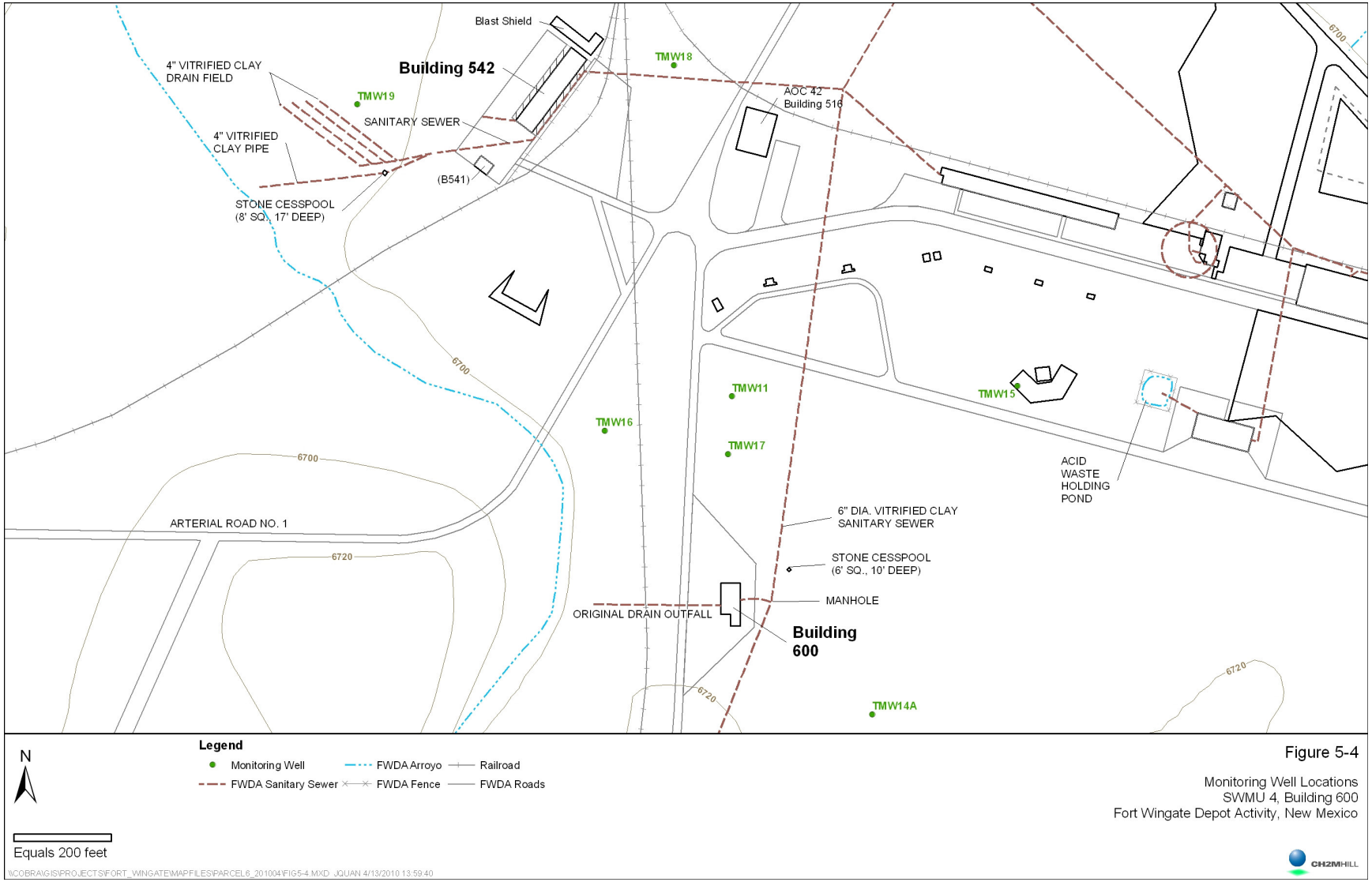


Figure 5-4

Monitoring Well Locations
SWMU 4, Building 600
Fort Wingate Depot Activity, New Mexico

Nitrate and nitrite were also detected in two wells, TMW-11 and TMW-15, although concentrations were substantially below the New Mexico WQCC standards and EPA MCLs. Fluoride was detected in three wells, TMW-11, TMW-14A, and TMW-17, during the Phase I RFI sampling. Concentrations detected during the April 2001 sampling event in wells TMW-11 and TMW-17 (1.8 and 1.9 milligrams per liter [mg/L]) slightly exceed the New Mexico WQCC standard of 1.6 mg/L for fluoride but are below the EPA MCL of 4 mg/L. The positively detected concentrations of nitrate, nitrite, and fluoride are presented in Table 5-2. Several TAL metals were detected in all samples, although concentrations were all well below applicable New Mexico WQCC or EPA MCL standards. The TAL metal data are not tabulated in Table 5-2.

Additional investigation activities include the asbestos survey completed at this site (Pickering Environmental, 1990). This report includes results of an asbestos-containing material (ACM) investigation completed at various FWDA buildings. Results indicated that ACM was present in approximately 50 square feet of boiler jacket material and 45 linear feet of insulated pipe at Building 600. ACM was abated in 1999 (USACE, 2000).

5.2.3 Conceptual Model

5.2.3.1 Nature and Extent of Contamination

Based on review of the operational history of SWMU 4, visual inspection of the site, and evaluation of available analytical data, it appears that the release of any COPCs to the environment is limited to minor releases associated with discharges from some of the drain lines from Building 600. The nature and extent of potential surface soil contamination that may have resulted from discharges from the Building 600 doorways has not been evaluated.

The Phase I RFI activities were conducted in 2001 to evaluate whether Building 600 may be the source of explosives detected in groundwater at well TMW-11. Based on the investigation findings, it appears that low-level explosives impacts to the second water-bearing zone exist throughout the western Workshop Area including the southeast portion of Parcel 6. The detection of explosives in the groundwater upgradient of Building 600 and lack of any positive detection of explosives in the soil surrounding Building 600 indicate that SWMU 4 itself is not a likely source of explosives impacts to groundwater in this general area of the FWDA.

5.2.3.2 Fate and Transport

If contamination is present at SWMU 4, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

5.2.3.3 Data Gaps

As previously discussed, the Phase I RFI focused on evaluating potential releases from the various drain line discharges from Building 600. The data collected as part of that investigation indicate that the former cesspool area and arroyo outfall areas do not have impacts that represent an unacceptable risk to human health or the environment. Likewise the sediment sample collected from the sanitary sewer did not have concentrations of COPC in excess of the NMED residential SSL.

Data gaps include verifying that COPCs were not released to the surface soil outside Building 600 in the areas of the building doorways or to the subsurface in the vicinity of the connections between interior drain lines and the discharge piping.

Table 5-2 Summary of Reportable Explosives Concentrations in Groundwater, Western Workshop Areas, Fort Wingate Depot Activity[a] (concentrations in µg/L)

Chemical Class and Laboratory Method	Analyte	NMWQCC Standard[b]	EPA MCL[c]	TMW11	TMW11 FD	TMW15	TMW11	TMW11 FD	TMW15
				2/16/01	2/16/01	2/16/01	4/30/01	4/30/01	5/1/01
Explosives - Method 8330	RDX	N/A	N/A	0.260 J	0.290 J	ND	0.270 J	0.270 J	ND
	2,4-Dinitrotoluene	N/A	N/A	ND	ND	ND	ND	ND	0.180 J
Water Quality Chemistry	Nitrate-N	10,000	10,000	690	690	1,800	720	700	1,600
	Nitrite-N by Calculation	N/A	1,000	ND	40 J	ND	200 J	200 J	200 J
	Fluoride	1,600	4,000	ND	ND	ND	1,800	1,600	ND

Chemical Class and Laboratory Method	Analyte	NMWQCC Standard[b]	EPA MCL[c]	TMW14A	TMW16	TMW17	TMW18	TMW19
				5/2/01	5/3/2001	4/30/2001	5/1/2001	5/2/2001
Explosives - Method 8330	RDX	N/A	N/A	0.120 J	ND	ND	ND	ND
	2,4-Dinitrotoluene	N/A	N/A	ND	0.130 J	ND	0.140 J	0.100 J
	2,6-Dinitrotoluene	N/A	N/A	ND	ND	ND	0.24	ND
	Nitrobenzene	N/A	N/A	0.22	ND	ND	ND	ND
Water Quality Chemistry	Fluoride	1,600	4,000	580	ND	1,900	ND	ND

[a] Data referenced from PMC, 2002

[b] New Mexico Water Quality Control Commission Standard, if available

[c] EPA Drinking Water Maximum Contaminant Level, if available

Positive detections of explosive compounds are shaded.

N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

5.3 Investigation Methods

5.3.1 Contaminant Source

The potential contaminant source associated with SWMU 4 is explosives released to the surface or subsurface soils from building drain line discharges or through housekeeping practices that resulted in surface discharges from the building entryways.

Based on the Phase I RFI conducted in 2001 the SWMU 4 site and Building 600 do not appear to be sources of impacts to groundwater. Therefore, no additional investigation of groundwater issues related to this site is recommended.

5.3.2 Media Characterization

The presence of soil contamination at SWMU 4 will be evaluated by collecting soil samples from direct-push boreholes.

5.3.3 Quality Assurance/Quality Control

The QA/QC practices specified in the project QAPP (provided in Appendix C) will be followed during all sampling activities.

5.4 Scope of Activities

The following field activities will be conducted during the RFI at SWMU 4:

- Installation of seven soil borings using direct-push drilling methods.
- Collection and analysis of surface and subsurface soil samples.

5.4.1 Borehole Installation and Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from operations at SWMU 4. Based on operational history, the only expected COPCs for SWMU 4 are explosives. However, low-level detections of VOCs and SVOCs during prior Phase I RFI sampling indicate that it is reasonable to continue to analyze for these constituents to compile a complete data set to support no further action (NFA). As would be expected of geologic materials, metals were also detected in all prior samples, although not at concentrations exceeding applicable screening levels. Therefore, metals analyses are proposed for current effort.

Field activities will include the advancement of seven soil borings at the site, as shown in Figure 5-3. Sample locations, depths, and analytical parameters are summarized in Table 5-3. Multi-incremental surface soil samples will be collected and analyzed for explosives (EPA Method 8330B) at each boring location, except for the cesspool location which will not be sampled at the ground surface. All other samples will be collected as discrete samples. The rationale for each boring location and sampling is described as follows:

- Two borings will be advanced adjacent to Building 600, on the east side of the building, in the vicinity of the building doorways (samples 0604-SB01 and 0604-SB02). These borings will assess whether housekeeping practices within the building may have resulted in discharges from these entryways. Borings will be advanced to approximately 5 feet bgs with analytical samples collected at the 0- to 1-foot bgs and 4- to 5-feet bgs intervals. Boring 0604-SB02 will also assess potential impacts from the former cast iron line that appears to have discharged to

Table 5-3 Proposed RCRA Facility Investigation Sampling and Analyses for SWMU 4, Fort Wingate Depot Activity

					Explosives	VOCs	SVOCs	Metals
Method					8330B	8260B	8270C	SW6010B and SW7471A
Specific Analyses Requested					Explosives	Volatile Organic Compounds	Semi-Volatile Organic Compounds	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment				
0604-SS01-D-0001	SB01	0-1	Discrete*		X	X	X	X
0604-SS01-D-0001-DUP	SB01	0-1	Discrete Dup*		X	X	X	X
0604-SS01-D-0001 MS/MSD	SB01	0-1	Discrete*	MS/MSD	X	X	X	X
0604-SB01-D-0405	SB01	4-5	Discrete		X	X	X	X
0604-SS02-D-0001	SB02	0-1	Discrete*		X	X	X	X
0604-SB02-D-0405	SB02	4-5	Discrete		X	X	X	X
0604-SS03-D-0608	SB03	6-8	Discrete		X	X	X	X
0604-SB04-D-0608	SB04	6-8	Discrete		X	X	X	X
0604-SB05-D-0405-DUP	SB05	4-5	Discrete Dup		X	X	X	X
0604-SB05-D-0405	SB05	4-5	Discrete		X	X	X	X
0604-SB05-D-0910	SB05	9-10	Discrete		X	X	X	X
0604-SB05-D-6465	SB05	64-65	Discrete		X	X	X	X
0604-SL06-D-0910	SL06	9-10	Discrete		X	X	X	X
0604-SB07-D-1011	SB07	10-11	Discrete		X	X	X	X
0604-SB07-D-1415	SB07	14-15	Discrete		X	X	X	X
0604-SB07-D-2425	SB07	24-25	Discrete		X	X	X	X
0604-SB07-D-3435	SB07	34-35	Discrete		X	X	X	X
0604-SB07-D-4445	SB07	44-45	Discrete		X	X	X	X
0604-SB07-D-5455	SB07	54-55	Discrete		X	X	X	X
0604-SB07-D-6465	SB07	64-65	Discrete		X	X	X	X
0604-TB01-D	SWMU 4	N/A	Discrete	Trip Blank		X		
0604-EB01-D	SWMU 4	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
0604-TB02-D	SWMU 4	N/A	Discrete	Trip Blank		X		
0604-EB02-D	SWMU 4	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
Total Normal Samples					17	17	17	17
Total Duplicates					2	2	2	2
Total Equipment Blanks (Rinsate water sample)					2	2	2	2
Total Trip Blanks					0	2	0	0
Total MS/MSD Samples (lab counts each separately)					1	1	1	1
Total Soil Samples					21	21	21	21
Total Water Samples					2	4	2	2
Total Analyses					23	25	23	23

Notes

bgs = below ground surface
Discrete = discrete location sample
Dup = duplicate sample
Lab QC = Matrix spike/matrix spike duplicate sample set which will be **triple the normal sample volume**
MS/MSD = matrix spike/matrix spike duplicate
* = Surface soil samples will be multi-incremental samples for explosives and discrete samples for all other constituents

- the ground surface in this area based on as-built drawings. This boring location will also assess potential impacts from housekeeping practices associated with the building entry way on the southeast corner of the building. Additionally, the building is planned for demolition in the spring of 2010. Soil beneath the building will be inspected for releases and sampled if visual observation indicates a release.
- Two borings will be advanced adjacent to former drain line connections to assess the possibility of discharges from these connections (borings 0604-SB03 and 0604-SB04). One boring will be advanced adjacent to the connection between the drain line that served the floor drains in the southern addition to Building 600 and the main drain line that discharged to the western arroyo. The second boring will be advanced adjacent to the connection between the drain line that exited Building 600 and the sanitary sewer line. Borings will be advanced to approximately 8 feet bgs with analytical samples collected at the 6- to 8-feet bgs interval only
- One boring will be advanced at the arroyo outfall location of the former drain line to evaluate if contamination has migrated to groundwater (boring 0604-SB05). The boring will be advanced to the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal. Analytical samples will be collected at 4- to 5- and 9 to 10-feet bgs, and at the bottom of the borehole.
- One boring will be advanced within the former cesspool, as possible (0604-SL06). This boring will be advanced to evaluate the sediment or sludge remaining at the base of the cesspool and to confirm the results from previous borings located adjacent to the cesspool. The boring will be advanced to the base of the cesspool with an analytical sample collected from the bottom one foot interval of the base of the cesspool, expected to be 9- to 10-feet bgs. Further inspection of the cesspool will also be completed to evaluate whether the cesspool should be removed and appropriately abandoned.
- One boring will be advanced immediately adjacent to the expected downgradient side of the former cesspool (0604-SB07). Soil samples will be collected at 1- and 5-feet below the base of the former cesspool and every 10 feet thereafter to the water table or the bottom of the borehole if the water table is not encountered before drilling refusal. Drilling will be conducted adjacent to the former cesspool, since drilling through the bottom of the cesspool is not practical due to its stone bottom.

Subsurface soil borings will be advanced using a direct-push drilling method. This method will allow not only sample collection, but also observation and description of the soil column at each location to allow visual identification of soil staining, lithology changes, etc., and collection of field measurements with a PID.

The sampling process will be completed for each boring as generically described in Section 4 and as follows:

1. The drilling rods and sampling sleeve will be advanced to each depth interval to recover specified samples.
2. The recovered soil cores will be geologically logged and field-screened using a PID.
3. Discrete grab soil samples will be extracted from the appropriate depth intervals and placed into appropriate sample bottles as specified in the project QAPP (Appendix C).
4. Remaining soil shall be emptied from the sampling sleeves and contained in drums for appropriate sampling and disposal.

5. At the conclusion of drilling the borehole will be abandoned by backfilling with properly hydrated bentonite chips.
6. Identify each borehole location with a survey spike that incorporates colored flagging.

Table 5-3 summarizes the proposed soil sampling at SWMU 4. All samples will be analyzed for VOCs (EPA Method 8260B); SVOCs (EPA Method 8270C); RCRA metals (EPA Method 6010B and Method 7471A); and explosives (EPA Method 8330B). All samples will be analyzed in accordance with the project QAPP (Appendix C).

Photograph 5-1 West side of Building 600, facing north, Fort Wingate Depot Activity

Photograph 5-2 East side of Building 600, facing north, Fort Wingate Depot Activity

Photograph 5-3 Building 600 floor drain, Fort Wingate Depot Activity

Photograph 5-4 Building 600 shower room, Fort Wingate Depot Activity

Photograph 5-5 Building 600 boiler room, Fort Wingate Depot Activity

Photograph 5-6 Building 600 laundry room sump, Fort Wingate Depot Activity

6.0 SWMU 8: Building 537

6.1 Background

6.1.1 Location, Description, and Operational History

Building 537 is located on the east side of Arterial Road No. 2, northwest of Building 530 (former Deactivation Furnace) and south of the Workshop Area (previously shown in Figure 3-4 and as shown in Figure 6-1)). Building 537 was constructed in 1941 and is a 4,200-square-foot brick structure with a reinforced concrete floor and basement (FWDA, 1961 and Daniel, 1994). Photographs 6-1 through 6-6, which are provided at the end of this section, show various views of Building 537. The building floor plan is shown in Figure 6-2. Building 537 had a septic tank west of the railroad tracks with an outfall to the arroyo prior to the building's connection to the FWDA sanitary sewer system (PMC, 2004).

This building was originally designated as a field battery shop and was used to charge and service batteries for forklifts and portable lights (PMC, 2004). The building originally had electrical charging equipment that was reported to have historically leaked. This equipment, as well as the forklift hydraulics, may have contained PCBs. More recently the building was used to mix and store pesticides (mostly insecticides), in leak-proof containers (PMC, 2004). Documentation was not located regarding specific dates of historic operations at Building 537. Approximately 50 gallons of chlordane was formerly stored in this building, but was disposed of prior to 1988 (PMC, 2004). In addition, the Building 537 site was one of the FWDA locations where a transformer leaked onto the ground (PMC, 2004). The building has recently been utilized by TPL, Inc., for munitions component recovery and recycling purposes.

Historical reports also indicate a small (approximately 12 feet wide by 17 feet long) foundation slab was located approximately 50 feet east of Building 537 (TtNUS, 2000 and PMC, 2004). The location of the former building slab is shown in Figures 6-3 and 6-4. The foundation slab had a center drain that discharged, via a 6-inch-diameter vitrified clay pipe, to an earthen ditch between Building 537 and the slab (PMC, 2004). The foundation slab also had two abandoned ¾-inch-diameter water lines on its western edge (PMC, 2004). However, no information has been found in any Army records to identify this foundation slab or its operations. It is expected that this former slab may have been part of a wash rack related to the forklift battery charging operations. Forklifts or their batteries may have been washed at this location prior to servicing and forklift hydraulics may have contained PCBs. Aerial photographs from 1948 and 1952 show this feature, but due to the resolution of these photos it is unclear if this area is a building or just the slab. An aerial photograph from 1958 shows the slab, but the building had already been removed. This foundation slab was removed in 2004 as part of PCB-containing soil excavation activities (PMC, 2004).

6.1.2 Surface Conditions

The SWMU 8 area is generally flat and the vegetation cover consists mostly of grass and sagebrush. A small drainage feature begins immediately to the south of Building 537 and then drains to the east of the building in a northerly direction. A small culvert previously existed between Building 537 and the former small building slab to the east of Building 537.

N

Legend

Parcel 6 Boundary

SWMU 8 Boundary

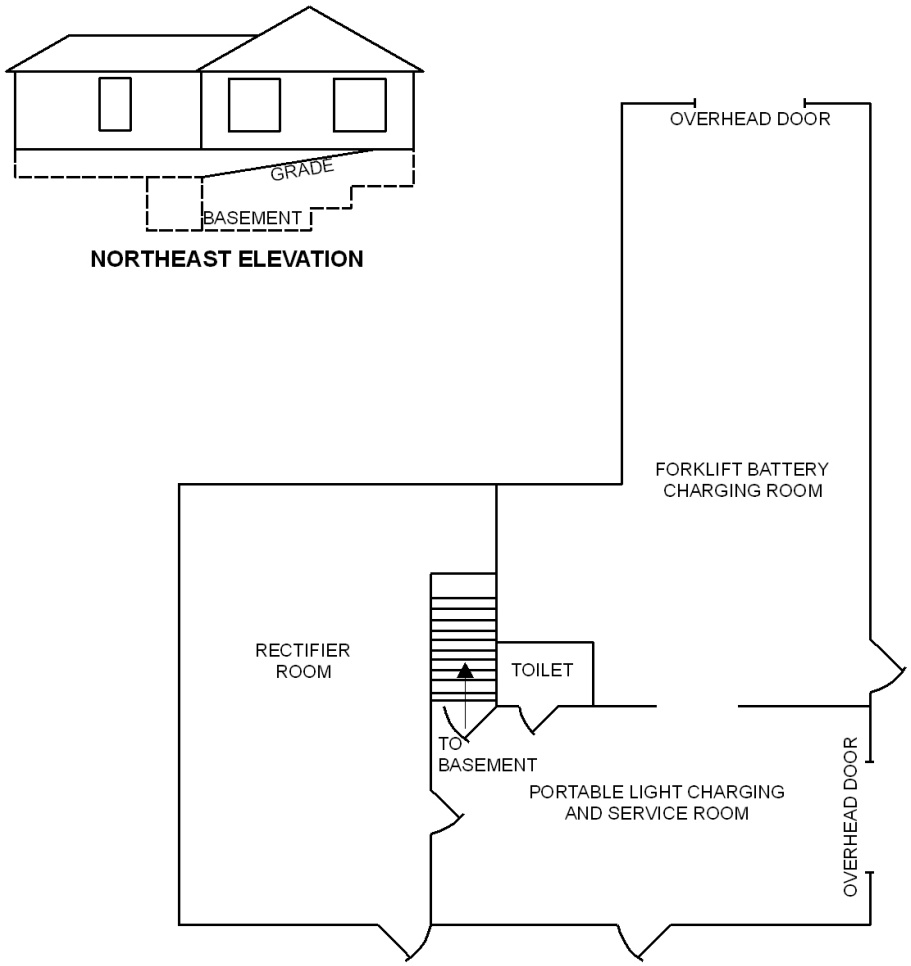
Equals 1,500 feet

Figure 6-1

SWMU 8 Location Map
Fort Wingate Depot Activity, New Mexico

CH2MHILL

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG6-1.MXD JQUAN 4/15/2010 12:50:26



N

Equals 20 feet

Figure 6-2
Floor Plan
SWMU 8, Building 537
Fort Wingate Depot Activity, New Mexico

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG6-2.MXD JQUAN 4/22/2010 15:48:16

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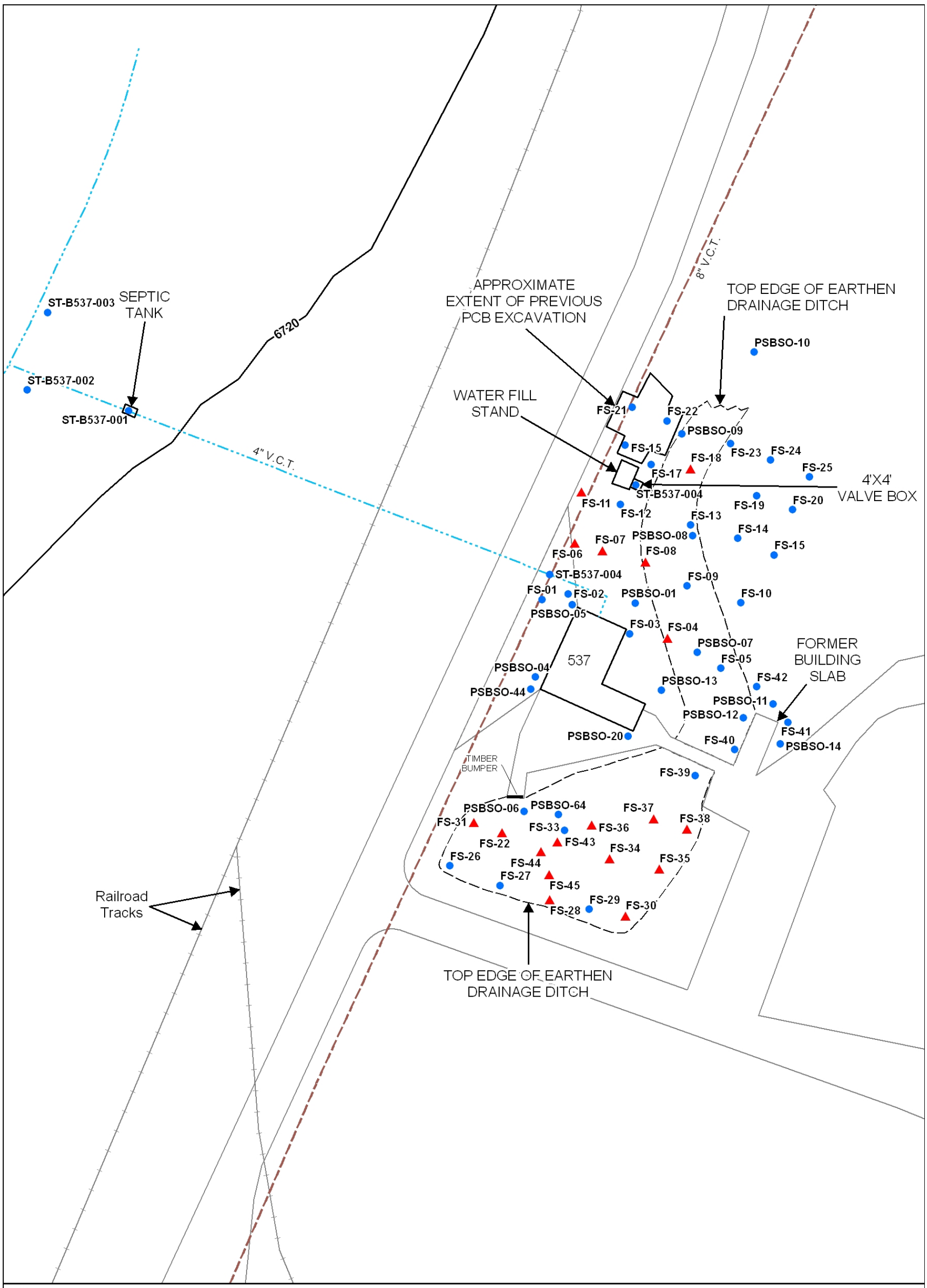

N

Legend

- Previous Soil Sample Locations
- Previous Pesticide Field Kit Positive Detection
- FWDA Sanitary Sewer
- Railroad
- FWDA Arroyo
- Top Edge of Earthen Drainage Ditch

Equals 50 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG6-3.MXD JQUAN 4/21/2010 08:59:44

Figure 6-3

Previous Soil Sample Locations
SWMU 8, Building 537
Fort Wingate Depot Activity, New Mexico

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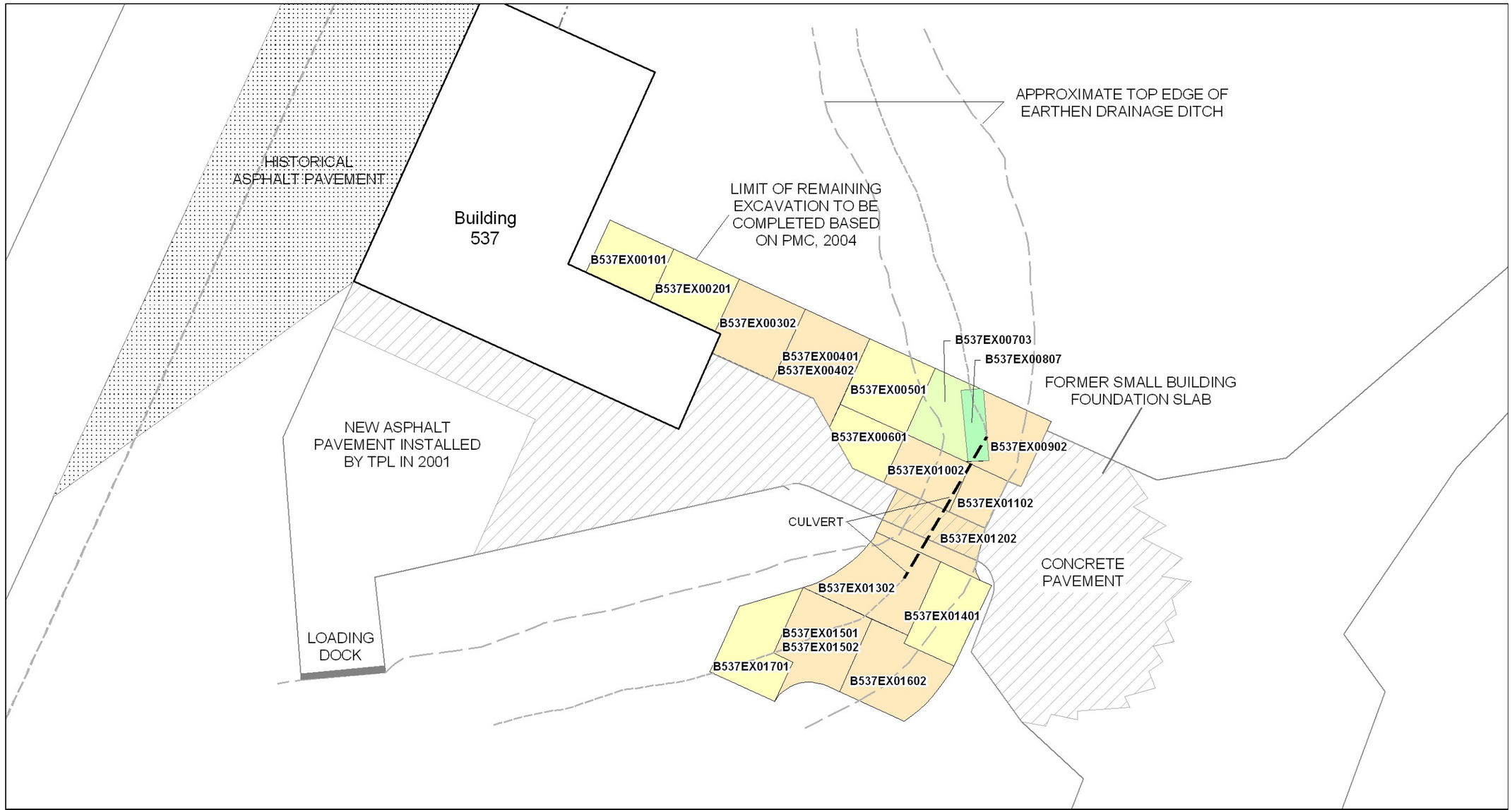


N

Legend

- Excavate to 1' Depth
- Excavate to 2' Depth
- Excavate to 3' Depth
- Excavate to 7' Depth

Equals 15 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG6-4.MXD JQUAN 4/13/2010 14:39:33

Figure 6-4

Remaining Soil Excavation Area
SWMU 8, Building 537
Fort Wingate Depot Activity, New Mexico

CH2MHILL

6.1.3 Subsurface Conditions

6.1.3.1 Existing Subsurface Infrastructure

Subsurface infrastructure at SWMU 8 includes interior sewer lines and electrical utilities associated with Building 537. No as-built drawings were located in the historical documentation that show the location of the subsurface utilities, but it is known that the sanitary sewer and electrical utilities enter on the north side of Building 537. Building 537 has a basement crawlspace and the sanitary sewer and electrical utilities should be visible from the basement. The location of these utilities should be verified during the proposed field activities associated with this SWMU.

The general location of subsurface utilities adjacent to Building 537 is shown in Figure 6-4. Historically, Building 537 had a 4-inch-diameter vitrified-clay drain line that discharged directly to an arroyo approximately 450 feet west of the building prior to its connection to the sanitary sewer line (located approximately 20 feet west of the building). The sanitary sewer line also services four other facilities (Buildings 527, 528, 536, and 600), carrying all sewage to the FWDA sewage treatment plant located in the Administration Area.

6.1.3.2 Other Subsurface Conditions

The SWMU 20 area is underlain by unconsolidated alluvium to depths of at least 7 feet bgs as determined during excavation activities (PMC, 2004). No groundwater wells have been installed at SWMU 8, but the depth to the first water-bearing zone in this area is estimated to be 60 to 70 feet bgs. The depth to the second water-bearing zone in this area is estimated to be between 70 and 118 feet bgs.

6.1.4 Waste Characteristics and Contaminants of Potential Concern

Building 537 was originally used to charge, and service, batteries for forklifts and portable lights. It is likely that electrical equipment within the building and the hydraulics associated with the forklifts serviced in the building used PCB-containing fluids. These fluids may have leaked inside of Building 537 and at the potential wash rack located to the west of the building. Acids and metals may have also been released during this period of operation.

The more recent operational history of Building 537 was to mix and store pesticides (mostly insecticides), in leak-proof containers (PMC, 2004). Chlordane (water emulsifiable); chlordane (dust); malathion (dust); aerosol synergized pyrethrin insect repellent (Dursban M) (water emulsifiable); calcium cyanide (cyanogas-dust); and the rodenticide bait anticoagulants 2-(dimethoxyphosphiothioylsulfanylmethyl) isoindole-1,3-dione (PMP) and Warfarin are listed as pesticides previously used at the FWDA and stored in Building 537. Historical documentation indicates that approximately 50 gallons of chlordane were formerly stored in this building, but was disposed of prior to 1988 (PMC, 2004).

PCBs, pesticides, and elevated metals concentrations have been identified in soils surrounding SWMU 8. The COPCs for SWMU 8 are RCRA metals, VOCs, SVOCs, pesticides, and PCBs.

6.2 Previous Investigations

6.2.1 Nonsampling Data

Previous nonsampling data includes aerial imagery from 1935, 1948, 1952, 1958, 1962, 1966, 1973, 1978, 1985, 1991, 1993, and 1997 (ERI, 2006). Building 537 is first visible in the 1948 aerial photo and persists in all subsequent years' photos. Interpretation of the aerial imagery did not identify any significant findings that would indicate activities different from those understood to be the operational history at the site. However, aerial imagery did indicate areas of light-toned material near Building 537 in the area south of the loading dock and to the east of the building. These areas described as light-toned material are actually paved areas.

Historical documents indicate that pesticides were stored in leak-proof containers in a well ventilated area with concrete floors at Building 537. Chlordane (water emulsifiable); chlordane (dust); malathion (dust); aerosol synergized pyrethrin insect repellent (Dursban M) (water emulsifiable); calcium cyanide (cyanogas-dust); and the rodenticide bait anticoagulants PMP and Warfarin are listed as pesticides previously used at the FWDA and stored in Building 537.

Other nonsampling data include historical drawings and maps available for Building 537.

6.2.2 Sampling Data

Previous investigation phases have been completed at SWMU 8 and are summarized below. Available analytical data from previous investigations are summarized in Table 6-1 (provided at the end of this section). Figure 6-3 presents the locations of previous soil borings. Figure 6-4 shows the remaining area and depth the soil excavation is required to remove PCB-contaminated soil based on the 2004 investigation activities.

Final Asbestos Survey Report, Volume II, Book 1; Pickering Environmental, 1990

This report includes results of an ACM investigation completed at various FWDA buildings. Results indicated that ACM was present in approximately 50 linear feet of insulated pipe in the basement crawlspace at Building 537.

BRAC Remediation Projects (Phase I), PCB Remediation Soil Removal Buildings 536/537; CCC Group, 1996

During investigation activities conducted under the installation-wide remedial investigation/feasibility study (RI/FS), PCB-impacted soils were identified under an electrical transformer at Building 537. As a result, in 1996 the Army conducted a performance-based disposal action under the Toxic Substances Control Act of 1976 (TSCA). Approximately 45 cubic yards (yd3) of soil from underneath the former transformer platform adjacent to the building were removed. However, post-excavation samples indicated that elevated PCB concentrations remain in place at the site.

Final Remedial Investigation/Feasibility Study & RCRA Corrective Action Program Document; ERM Program Management Company, 1997

Investigation at this site was initially conducted as part of this installation-wide RI/FS. The objectives of the RI/FS were to determine if the surface soils around the building had been impacted by the pesticide handling operations and to determine whether contamination was present in a concrete pit located within the building basement. Six surface soil samples were collected around the exterior of the building. Eight wipe samples were collected from various surfaces within the building and basement. One sample of the sediment and one sample of the water within the concrete pit in the building basement were collected. All samples were analyzed for pesticides. Concentrations of

multiple pesticide compounds including chlordane, heptachlor, heptachlor epoxide, dichlorodiphenyldichloroethane (DDD), dichlorodiphenyldichlorethene (DDE), dichlorodiphenyltrichloroethane (DDT), endrin, endrin aldehyde, lindane, alpha-benzenehexachloride, and delta-benzenehexachloride were detected in almost all samples. Some concentrations exceeded applicable screening levels at the time this report was prepared. However, despite the presence of pesticides in and around Building 537, the site was not carried through to the baseline risk assessment performed as part of the RI/FS. This was because the exterior soil concentrations were determined to present a limited potential for exposure and the interior results were deferred to separate consideration once the disposition of the buildings was decided.

Summary of Sampling and Analysis Event to Delineate PCB Contamination, Buildings 536 and 537; USACE, 1997

Aroclor 1260 was detected in excavation post-removal samples from 1996. In 1997, the FWDA performed additional soil sampling for PCBs at the former transformer platform. The FWDA concluded that subsurface soils under the former transformer platform contained PCBs at concentrations greater than the most conservative TSCA cleanup level of 1 microgram per gram (µg/g), and that additional excavation was warranted.

Removal and Disposal of PCBs and Pesticide Soils; CCC Group, 1998

In 1998, the FWDA removed an additional 245 yd^3 of PCB-impacted soils from the former transformer platform area. PCBs were not detected in any of the confirmatory samples and the site was backfilled with clean soil.

Environmental Baseline Survey for the Transfer of Lands at Fort Wingate Depot Activity, New Mexico; USACE, 2000

This report provides a physical description of Building 537. This report states that PCBs had been detected near two utility poles but contaminated soils had been remediated. Further investigation would be required for evaluating pesticide contamination around the immediate exterior of the building. Friable ACM was abated in 1999 and lead-based paint (LBP) is assumed.

Final Release Assessments Report; TtNUS, 2000

In 2000, supplemental sampling was performed in areas adjacent to Building 537 to further evaluate potential environmental impacts from past operations, focusing on the pesticide storage and mixing operations, as well as field battery shop operations. Chlordane was detected in 13 samples at concentrations ranging from 9.15 to 82,200 µg/g. Aroclor 1260 was detected at four locations (water valve box, small foundation slab, near the southeast access door, and in the septic tank sediment) around Building 537. The source of PCBs in soil at these locations was not documented.

Field Investigation Report, Building 537; PMC, 2004

Several of the specific objectives outlined in the Soil Characterization Work Plan (2003) were not completed due to funding limitations. Activities that were not completed included excavation of PCB-impacted soil, delineation of pesticides and metals, and decommissioning of the septic tank at Building 537.

Activities that were completed during this phase of work included review of historical drawings, “hot spot” removal of approximately 100 yd^3 of PCB-impacted soil, and removal of 21.3 tons of concrete, including the small building foundation slab to the east of Building 537. Excavated waste was disposed of at a chemical waste landfill. The total in-place volume of soils originally calculated for removal based on test kit results was 383 yd^3, but funding limitations did not allow the entire volume to be removed at this time. Instead a focused “hot spot” removal action was completed, with

excavation depths ranging from 1 to 7 feet bgs. PCBs were not detected exceeding 1 µg/g in any of the confirmatory samples and the site was backfilled with clean soil. Interim measures (straw bales) have been maintained around the remediated area to prevent recontamination. According to this report, approximately 260 yd^3 of PCB-impacted soil remain in place at Building 537. The implementation of further interim remedial measures (IRM) was placed on hold awaiting issuance of the RCRA Permit.

6.2.3 Conceptual Model

6.2.3.1 Nature and Extent of Contamination

The different phases of soil sampling across the site have not been conducted in a manner that permits the full delineation of the degree and extent of soil contamination. Based on review of the operational history of SWMU 8, visual inspection of the site, and evaluation of available analytical data it appears that there was a broad release of PCBs and pesticides to the environment in the area surrounding Building 537 and the former potential wash rack area. Further investigation is needed to define the degree and extent of COPCs in soil at this site.

PCB-contaminated soil has been removed at some locations at SWMU 8. It is expected that additional PCB-containing soil and potentially pesticide-contaminated soil may need to be removed from SWMU 8.

6.2.3.2 Fate and Transport

If contamination is present at SWMU 8, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

6.2.3.3 Data Gaps

The horizontal and vertical extent of COPCs in soil at SWMU 8 has not been adequately delineated. Additional investigation of surface and subsurface soils at SWMU 8 is recommended.

6.3 Investigation Methods

6.3.1 Contaminant Source

The potential contaminant source associated with SWMU 8 would be potential undocumented historical releases of hazardous substances to the surface or subsurface soils as a result of historical operations at this site. The sources of contamination at the site are pesticide handling and storage operations in the building and PCBs from former transformer and forklift operations.

6.3.2 Media Characterization

The presence of soil contamination at SWMU 8 will be evaluated by collecting soil samples from direct-push boreholes.

6.3.3 Quality Assurance/Quality Control

The QA/QC practices specified in the project QAPP (included as Appendix C) will be followed during all sampling activities.

6.4 Scope of Activities

The following field activities will be conducted during the RFI at SWMU 8:

- Installation of 15 soil borings using direct-push drilling methods.
- Collection and analysis of surface and subsurface soil samples.

6.4.1 Borehole Installation and Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from operations at SWMU 8. Based on operational history, the COPCs for SWMU 8 are RCRA metals, VOCs, SVOCs, pesticides, and PCBs.

Field activities will include the advancement of 15 soil borings at the site, as shown in Figure 6-5. Sample locations, depths, and analytical parameters are summarized in Table 6-2. The rationale for each boring location and sampling is described as follows:

- One soil boring will be advanced at the preserved location of former discharge location of the 6 inch diameter vitrified clay pipe that discharged from the former foundation slab located approximately 50 feet east of Building 537 (0608-SB14). The former foundation slab may have been used as a wash rack for the fork lifts. The area near the foundation slab and 6-inch pipe have been excavated so the boring will be located based on the presumed location of this site feature. Soil samples will be collected at 5 feet bgs and then at 10-foot increments to the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

- One soil boring will be advanced at the former septic line discharge location near the arroyo (0608-SB15). Soil samples will be collected at 5, 10, and 20 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

- Thirteen borings will be advanced in the areas surrounding Building 537 to define the vertical and horizontal extent of soil contamination. Previous investigations have indicated high concentrations of PCBs and pesticides in the vicinity of Building 537, but the vertical and horizontal extent of contamination has not been defined. These borings will be advanced to aid in determining what additional corrective measures may be necessary at the SWMU 8. Borings will be advanced to approximately 5 feet bgs with analytical samples collected at the 0- to 1-foot bgs and 4- to 5 feet bgs intervals. Additionally, soil borings 0608-SB05 will be advanced to the water table or drilling refusal if the water table is not encountered before refusal. One analytical sample will be collected from the bottom of each borehole.

Subsurface soil borings will be advanced using a direct-push drilling method. This method will allow not only sample collection, but also observation and description of the soil column at each location to allow visual identification of soil staining, lithology changes, etc., and collection of field measurements with a PID.

The sampling process will be completed as generically described in Section 4 and as follows:

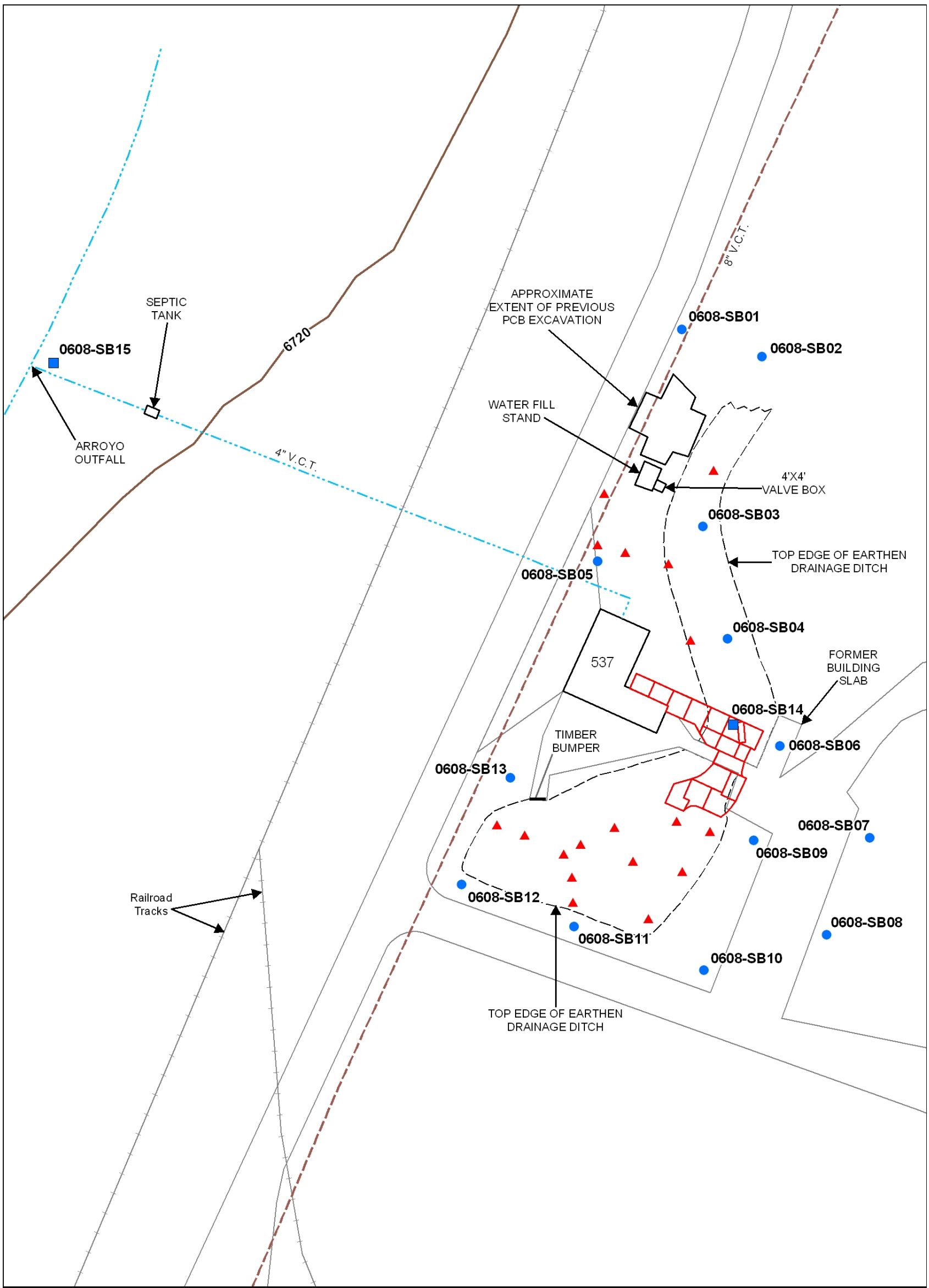
1. The drilling rods and sampling sleeve will be advanced to each depth interval to recover specified samples.

2. The recovered soil cores will be geologically logged and field-screened using a PID.

3. Discrete grab soil samples will be extracted from the appropriate depth intervals and placed into appropriate sample bottles as specified in the project QAPP (Appendix C).

4. Remaining soil shall be emptied from the sampling sleeves and contained in drums for appropriate sampling and disposal.
5. At the conclusion of drilling, the borehole will be abandoned by backfilling with hydrated bentonite chips.
6. The borehole location will be identified with a survey spike that incorporates colored flagging.

Table 6-2 summarizes the proposed soil sampling at SWMU 8. All samples will be analyzed for RCRA metals (EPA Method 6010B and 7471A); VOCs (EPA Method 8260B); SVOCs (EPA Method 8270C); pesticides (EPA Method 8081); PCBs (EPA Method 8082); explosives (EPA Method 8330B); and perchlorate (EPA Method 6850. Additionally, soil boring 0608-SB14 will be analyzed for TPH oil range organics (EPA Method 8015). All samples will be analyzed in accordance with the project QAPP (Appendix C).



N

Equals 50 feet

Legend

- Proposed 0'-1' and 4'-5' Soil Boring
- Proposed Soil Boring to Water Table
- Previous Pesticide Field Kit Positive Detection
- FWDA Sanitary Sewer
- FWDA Arroyo
- Railroad
- Remaining Excavation Area
- Top Edge of Earthen Drainage Ditch

Figure 6-5

Proposed Soil Boring Locations
SWMU 8, Building 537
Fort Wingate Depot Activity, New Mexico

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Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (1 of 6) (concentrations in mg/kg)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[c]	PSBSO04A	PSBSO05A	PSBSO06A	PSBSO07	PSBSO08	PSSO09
			10/20/00	10/20/00	10/20/00	10/20/00	10/20/00	10/20/00
Metals - EPA Method 6010	Aluminum	78,100	11,000	8,280	17,500	17,400	21,600	17,400
	Antimony	31.3	ND	ND	0.3	ND	ND	ND
	Arsenic	3.59	2.1	2.2	2.8	1.9	1.6	1.8
	Barium	15,600	288	343	408	257	357	206
	Beryllium	156	0.6	0.6	0.8	0.7	0.7	0.6
	Cadmium	77.9	2.7	0.5	0.8	ND	ND	ND
	Calcium	N/A	70,000	85,400	38,700	15,800	32,000	12,500
	Chromium	219	37.8	11.9	1.8	12.5	15.6	11.5
	Cobalt	23[c]	5.9	3.6	5.1	5.5	5.2	4.1
	Copper	3,130	20.8	14.2	19.0	7.5	9.3	9.6
	Iron	54,800	14,200	11,100	16,700	15,600	16,900	11,400
	Lead	400	287	296	70.8	20.2	39.8	9.7
	Magnesium	N/A	24,100	30,000	9,460	5,260	10,300	6,160
	Manganese	10,700	474	681	374	301	342	303
	Mercury	7.71	ND	ND	0.1	ND	0.055	0.1
	Nickel	1,560	29.7	9.9	15	10.3	10.7	7.9
	Potassium	N/A	2,800	1,890	4,210	2,950	4,020	2,080
	Sodium	N/A	917	447	369	746	507	269
	Thallium	5.16	ND	ND	0.2	0.3	0.3	0.5
	Vanadium	78.2	26.6	23.6	32.5	21.6	28	20.6
	Zinc	23,500	261	191	82.6	42.0	101	34.6
Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[c]**	PSBSO10	PSBSO11	PSBSO12	PSBSO13	PSBSO14	B537-001
			10/20/00	10/20/00	10/20/00	10/20/00	10/20/00	10/20/00
PCBs- EPA Method 8082	Aroclor 1260	1.7	ND	0.0619	**55.9**	**22.6**	**5.09**	0.32
VOCs - EPA Method 8260B	Methylene Chloride	199	ND	0.0182	0.0133	ND	ND	ND
	Anthracene	17,200	ND	ND	ND	ND	ND	0.0636
	Benzo(a)anthracene	4.81	ND	ND	ND	ND	ND	0.578
	Benzo(b)fluoranthene	4.81	ND	ND	ND	ND	ND	0.633
	Benzo(g,h,i)perylene	N/A	ND	ND	ND	ND	ND	0.294
	Benzo(k)fluoranthene	48.1	ND	ND	ND	ND	ND	0.381
	Benzo(a)pyrene	0.481	ND	ND	ND	ND	ND	**0.599**
	Carbazole	N/A	ND	ND	ND	ND	ND	0.0543
	Chrysene	481	ND	ND	ND	ND	ND	0.613
	Dibenz(a,h)anthracene	0.481	ND	ND	ND	ND	ND	0.0955
	Di-n-butyl phthalate	6,110	ND	ND	ND	ND	0.1	ND
	Fluoranthene	2,290	ND	ND	ND	ND	ND	0.737
	Ideno(1,2,3-c,d)pyrene	4.81	ND	ND	ND	ND	ND	0.393
	Phenantherne	1,830	ND	ND	ND	ND	ND	0.194
	Pyrene	1,720	ND	ND	ND	ND	ND	0.487
Metals - EPA Method 6010	Aluminum	78,100	17,900	27,600	15,200	13,800	18,200	17,200
	Antimony	31.3	ND	ND	0.6	0.2	0.7	ND
	Arsenic	3.59	1.6	1.2	3.0	2.8	2.0	**19.5**
	Barium	15,600	417	438	340	478	325	254
	Beryllium	156	0.6	0.9	0.8	0.6	0.7	0.6
	Cadmium	77.9	ND	ND	0.8	0.8	1.3	1.9
	Calcium	N/A	28,000	35,700	26,100	41,000	32,200	10,900
	Chromium	219	13.4	17.7	18.3	16.4	14.7	23.1
	Cobalt	23[c]	5.1	6.3	5.0	3.8	4.7	6.0
	Copper	3,130	8.4	9.0	48.5	24.1	16.3	72.5
	Iron	54,800	14,100	20,400	21,200	17,800	15,600	**73,300**
	Lead	400	13.4	25.9	96.4	**517**	52.8	86.6
	Magnesium	N/A	8,860	8,570	4,660	6,380	6,690	5,660
	Manganese	10,700	316	488	398	475	406	354
	Mercury	7.71	0.1	0.1	0.1	ND	0.1	1.5
	Nickel	1,560	9.7	13.2	11.4	10.3	8.4	17.7
	Potassium	N/A	2,660	4,960	4,290	2,630	4,270	3,250
	Silver	391	ND	ND	ND	ND	ND	0.5
	Sodium	N/A	366	1,380	967	439	1,840	542
	Thallium	5.16	0.2	0.5	0.4	ND	0.3	ND
	Vanadium	391	22.4	26.7	34.3	36.5	23.4	30.6
	Zinc	23,500	54.3	56	120	102	131	411

[a] Data referenced from ERM, 1997 and PRC, 2004

[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented, where available.

[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Sample depths are not available for this data set.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate NC – non carcinogen C – carcinogen
Sat – soil saturation J – Estimated value below RL

Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (2 of 6) (concentrations in mg/kg)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[c]	B537-002	B537-003	B537-004	PSBSO01	PSBSO03	PSBSO06
			10/20/00	10/20/00	10/20/00	12/04/92	12/04/92	05/04/93
PCBs - EPA Method 8082	Aroclor 1260	1.70	ND	ND	**22.7**	ND	ND	ND
Pesticides - EPA Method 8081	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	1.40[d]	ND	ND	ND	0.045	ND	0.0348
	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	N/A	ND	ND	ND	0.014	ND	ND
	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	N/A	ND	ND	ND	0.0250	ND	ND
	Chlordane	14.6	ND	ND	ND	0.231	**19**	5.4
	Endrin	18.3	ND	ND	ND	0.009	ND	0.21
	Heptachlor	0.871	ND	ND	ND	ND	0.1	ND
	Heptachlor epoxide	0.052[d]	ND	ND	ND	ND	0.04	ND
Metals - EPA Method 6010	Aluminum	78,100	13,800	20,700	28,000	N/A	N/A	N/A
	Arsenic	3.59	3.0	2.7	2.5	N/A	N/A	N/A
	Barium	15,600	171	232	410	N/A	N/A	N/A
	Beryllium	156	0.7	0.9	1.0	N/A	N/A	N/A
	Cadmium	77.9	0.048	0.1	0.56	N/A	N/A	N/A
	Calcium	N/A	12,000	16,800	46,200	N/A	N/A	N/A
	Chromium	219	9.8	13.9	21.6	N/A	N/A	N/A
	Cobalt	23[c]	4.7	6.0	7.4	N/A	N/A	N/A
	Copper	3,130	7.3	9.4	16.3	N/A	N/A	N/A
	Iron	54,800	16,900	18,000	21,900	N/A	N/A	N/A
	Lead	400	8.0	10.1	34.4	N/A	N/A	N/A
	Magnesium	N/A	4,300	5,680	12,400	N/A	N/A	N/A
	Manganese	10,700	229	294	516	N/A	N/A	N/A
	Nickel	1,560	7.3	9.8	15.7	N/A	N/A	N/A
	Potassium	N/A	2,200	3,600	5,020	N/A	N/A	N/A
	Sodium	N/A	370	736	544	N/A	N/A	N/A
	Thallium	5.16	ND	ND	0.38	N/A	N/A	N/A
	Vanadium	391	20.9	25.4	33.7	N/A	N/A	N/A
	Zinc	23,500	37.6	45	99.8	N/A	N/A	N/A
Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[c]**	B537EX00101	B537EX00201	B537EX00302	B537EX00302	B537EX00401	B537EX00402
			10/08/03	10/08/03	10/08/03	10/08/03	10/08/03	10/14/2003
			1 foot bgs	1 foot bgs	2 feet bgs	2 feet bgs	1 foot bgs	2 feet bgs
PCBs - EPA Method 8082	Aroclor-1016	3.93	0.062	0.062	0.062	0.062	0.062	0.062
	Aroclor-1221	1.42	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667
	Aroclor-1232	1.42	0.092	0.092	0.092	0.092	0.092	0.092
	Aroclor-1242	1.70	0.097	0.097	0.097	0.097	0.097	0.097
	Aroclor-1248	1.70	0.069	0.069	0.069	0.069	0.069	0.069
	Aroclor-1254	1.12	0.072	0.072	0.072	0.072	0.072	0.072
	Aroclor-1260	1.70	0.0259 J	0.0364 J	0.0497	0.0693	1.69	0.042
Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[c]**	B537EX00501	B537EX00601	B537EX00703	B537EX00807	B537EX00902	B537EX01002
			10/08/03	10/08/03	10/09/03	10/09/03	10/09/03	10/09/03
			1 foot bgs	1 foot bgs	3 feet bgs	7 feet bgs	2 feet bgs	2 feet bgs
PCBs - EPA Method 8082	Aroclor-1016	3.93	0.062	0.062	0.062	0.062	0.062	0.062
	Aroclor-1221	1.42	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667
	Aroclor-1232	1.42	0.092	0.092	0.092	0.092	0.092	0.092
	Aroclor-1242	1.70	0.097	0.097	0.097	0.097	0.097	0.097
	Aroclor-1248	1.70	0.069	0.069	0.069	0.069	0.069	0.069
	Aroclor-1254	1.12	0.072	0.072	0.072	0.072	0.072	0.072
	Aroclor-1260	1.70	0.164	0.042	0.0911	0.155	0.0287	0.042
Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[c]**	B537EX01102	B537EX01202	B537EX01302	B537EX01302 DUP	B537EX01401	B537EX01501
			10/09/03	10/09/03	10/09/03	10/09/03	10/09/03	10/09/03
			2 feet bgs	2 feet bgs	2 feet bgs	2 feet bgs	1 foot bgs	1 foot bgs
PCBs - EPA Method 8082	Aroclor-1016	3.93	0.062	0.062	0.062	0.062	0.062	0.062
	Aroclor-1221	1.42	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667
	Aroclor-1232	1.42	0.092	0.092	0.092	0.092	0.092	0.092
	Aroclor-1242	1.70	0.097	0.097	0.097	<0.097	0.097	0.097
	Aroclor-1248	1.70	0.069	0.069	0.069	<0.069	0.069	0.069
	Aroclor-1254	1.12	0.072	0.072	0.072	<0.072	0.072	0.072
	Aroclor-1260	1.70	0.0255	<0.042	0.214	0.257	<0.042	**2.58**

[a] Data referenced from ERM, 1997 and PRC, 2004

[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented, where available.

[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate NC – non carcinogen C – carcinogen
Sat – soil saturation J – Estimated value below RL

Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (3 of 6) (concentrations in mg/kg)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[c]	B537EX01502	B537EX01601	B537EX01702
			10/14/03	10/09/03	10/14/03
			2 feet bgs	1 foot bgs	2 feet bgs
PCBs - EPA Method 8082	Aroclor-1016	3.93	0.062	0.062	0.062
	Aroclor-1221	1.42	0.0667	0.0667	0.0667
	Aroclor-1232	1.42	0.092	0.092	0.092
	Aroclor-1242	1.70	0.097	0.097	0.097
	Aroclor-1248	1.70	0.069	0.069	0.069
	Aroclor-1254	1.12	0.072	0.072	0.072

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	PSBSE01	Equipment Blank PSBSW01
				01/20/93	01/20/94
					µg/L
Pesticides - EPA Method 8081	Dieldrin	0.0016	0.245	0.137	ND
	Endrin	0.0065	18.3	0.28	ND
	Heptachlor epoxide	0.0013	0.052[d]	**0.636**	ND
	Lindane	0.001 - 0.0025	4.64	0.00700	0.0615
	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	0.0027 - 0.0081	1.40[d]	**38**	0.7
	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0.0027 - 0.0039	N/A	19	0.524
	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0.0035 - 0.0025	N/A	0.0195	1.0
	a-BHC (HCH)	0.0025	0.622	ND	0.00351
	d-BHC (HCH)	0.0034	N/A	ND	0.00584

Sample Identification	Sample Date	Sample Depth (feet)	Compound	Concentration	NMED Residential Soil SSL[c]
537-FS19-00	10/24/2000	0	Chlordane	0.0125	14.6
537-FS33-00	10/23/2000	0	Chlordane	**29.4**	14.6
537-FS33-01	10/23/2000	1	Chlordane	3.21	14.6
537-FS33-02	10/23/2000	2	Chlordane	0.599	14.6
537-FS33-03	10/23/2000	3	Chlordane	0.00915	14.6
537-FS36-00	10/23/2000	0	Chlordane	1.5	14.6
537-FS36-01	10/23/2000	1	4,4-DDE	0.0084	11.5[d]
			Chlordane	0.475	14.60
			Heptachlor expoxide	0.0072	0.052[d]
537-FS36-02	10/23/2000	2	Chlordane	0.0279	14.6
537-FS37-00	10/23/2000	0	Chlordane	0.545	14.6
537-FS37-01	10/23/2000	1	Chlordane	0.0475	14.6
537-FS41-00	10/24/2000	0	Chlordane	0.0185	14.6
537-FS43-00	10/23/2000	0	Chlordane	11.4	14.6
537-FS45-00	10/24/2000	0	Chlordane	**82.2**	14.6
537-FS45-01	10/24/2000	1	Chlordane	0.0782	14.6

[a] Data referenced from ERM, 1997 and PRC, 2004

[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented, where available.

[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate

NC – non carcinogen C – carcinogen Sat – soil saturation J – Estimated value below RL

Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (4 of 6) (concentrations in mg/kg)

Site ID	Date	Depth (feet bgs)	Aroclor-1260 Concentration Exceed 1 mg/kg	NMED Residential Soil SSL[c]
B537TK003	6/18/2003	Surface	**Yes**	1.70
B537TK00301	6/19/2003	1.0	**Yes**	1.70
B537TK004	6/18/2003	Surface	**Yes**	1.70
B537TK006	6/18/2003	Surface	**Yes**	1.70
B537TK007	6/18/2003	Surface	**Yes**	1.70
B537TK008	6/18/2003	Surface	**Yes**	1.70
B537TK00801	6/19/2003	1.0	**Yes**	1.70
B537TK009	6/18/2003	Surface	**Yes**	1.70
B537TK011	6/18/2003	Surface	**Yes**	1.70
B537TK01101	6/19/2003	1.0	**Yes**	1.70
B537TK01102	6/20/2003	2.0	**Yes**	1.70
B537TK012	6/18/2003	Surface	**Yes**	1.70
B537TK01201	6/19/2003	1.0	**Yes**	1.70
B537TK01202	6/20/2003	2.0	**Yes**	1.70
B537TK01203	6/20/2003	3.0	**Yes**	1.70
B537TK01204	6/20/2003	4.0	**Yes**	1.70
B537TK01205	6/20/2003	5.0	**Yes**	1.70
B537TK01206	6/20/2003	6.0	**Yes**	1.70
B537TK013	6/18/2003	Surface	**Yes**	1.70
B537TK01301	6/19/2003	1.0	**Yes**	1.70
B537TK014	6/18/2003	Surface	**Yes**	1.70
B537TK01401	6/19/2003	1.0	**Yes**	1.70
B537TK01402	6/20/2003	2.0	**Yes**	1.70
B537TK020	6/18/2003	Surface	**Yes**	1.70
B537TK02001	6/19/2003	1.0	**Yes**	1.70
B537TK021	6/18/2003	Surface	**Yes**	1.70
B537TK02101	6/19/2003	1.0	**Yes**	1.70
B537TK02102	6/20/2003	2.0	**Yes**	1.70
B537TK02103	6/20/2003	3.0	**Yes**	1.70
B537TK022	6/18/2003	Surface	**Yes**	1.70
B537TK02201	6/18/2003	1.0	**Yes**	1.70
B537TK02202	6/19/2003	2.0	**Yes**	1.70
B537TK024	6/18/2003	Surface	**Yes**	1.70
B537TK028	6/18/2003	Surface	**Yes**	1.70
B537TK02801	6/19/2003	1.0	**Yes**	1.70
B537TK029	6/18/2003	Surface	**Yes**	1.70
B537TK02901	6/19/2003	1.0	**Yes**	1.70
B537TK02902	6/20/2003	2.0	**Yes**	1.70
B537TK02903	6/20/2003	3.0	**Yes**	1.70
B537TK02904	6/20/2003	4.0	**Yes**	1.70
B537TK030	6/18/2003	Surface	**Yes**	1.70
B537TK03001	6/19/2003	1.0	**Yes**	1.70
B537TK031	6/18/2003	Surface	**Yes**	1.70
B537TK034	6/18/2003	Surface	**Yes**	1.70
B537TK035	6/18/2003	Surface	**Yes**	1.70
B537TK036	6/18/2003	Surface	**Yes**	1.70
B537TK037	6/18/2003	Surface	**Yes**	1.70
B537TK038	6/18/2003	Surface	**Yes**	1.70
B537TK040	6/18/2003	Surface	**Yes**	1.70
B537TK046	6/18/2003	Surface	**Yes**	1.70

[a] Data referenced from ERM, 1997 and PRC, 2004

[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented,

[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations

[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate

NC – non carcinogen C – carcinogen Sat – soil saturation J – Estimated value below RL

Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (5 of 6)
(concentrations in mg/kg)

Site ID	Date	Depth (feet bgs)	Aroclor-1260 Concentration Exceed 1 mg/kg	NMED Residential Soil SSL[c]
B537TK050	6/18/2003	Surface	**Yes**	1.70
B537TK059	6/18/2003	Surface	**Yes**	1.70
B537TK061	6/18/2003	Surface	**Yes**	1.70
B537TK064	6/19/2003	Surface	**Yes**	1.70
B537TK06401	6/20/2003	1.0	**Yes**	1.70
B537TK066	6/19/2003	Surface	**Yes**	1.70
B537TK067	6/19/2003	Surface	**Yes**	1.70
B537TK068	6/19/2003	Surface	**Yes**	1.70
B537TK072	6/19/2003	Surface	**Yes**	1.70
B537TK076	6/19/2003	Surface	**Yes**	1.70
B537TK07601	6/20/2003	1.0	**Yes**	1.70
B537TK077	6/19/2003	Surface	**Yes**	1.70
B537TK080	6/19/2003	Surface	**Yes**	1.70
B537TK081	6/19/2003	Surface	**Yes**	1.70
B537TK085	6/19/2003	Surface	**Yes**	1.70
B537TK115	6/20/2003	Surface	**Yes**	1.70
B537TKVB	6/20/2003	Surface	**Yes**	1.70
FS-03	0.0	3	No	14.6
FS-04	0.0	**70**	No	14.6
FS-06	0.0	**43**	No	14.6
FS-07	0.0	**145**	No	14.6
FS-08	0.0	**19**	Yes	14.6
FS-09	0.0	6	Yes	14.6
FS-10	0.0	12	No	14.6
FS-11	0.0	**31**	No	14.6
FS-17	0.0	14	Yes	14.6
FS-18	0.0	**17**	No	14.6
FS-19	0.0	11	Yes	14.6
FS-20	0.0	13	No	14.6
FS-21	0.0	**20**	No	14.6
FS-22	0.0	**294**	No	14.6
FS-23	0.0	8	No	14.6
FS-24	0.0	10	No	14.6
FS-25	0.0	5	No	14.6
FS-26	0.0	14	No	14.6
FS-27	0.0	10	No	14.6
FS-28	0.0	**17**	No	14.6
FS-29	0.0	14	No	14.6
FS-30	0.0	**20**	No	14.6
FS-31	0.0	**18**	No	14.6

[a] Data referenced from ERM, 1997 and PRC, 2004

[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented, where available.

[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate

NC – non carcinogen C – carcinogen Sat – soil saturation J – Estimated value below RL

Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (6 of 6)
(concentrations in mg/kg)

Sample Identification	Sample Depth (feet bgs)	Chlordane Screening Result (µg/kg)	Confirm Sample Analyzed	NMED Residential Soil SSL (mg/kg)[c]
FS-32	0.0	**20**	No	14.6
FS-33	0.0	**964**	Yes	14.6
FS-33	1.0	**600**	Yes	14.6
FS-33	2.0	**305**	Yes	14.6
FS-34	0.0	**81**	No	14.6
FS-35	0.0	**85**	No	14.6
FS-36	0.0	**691**	Yes	14.6
FS-36	1.0	**316**	Yes	14.6
FS-36	4.0	**19**	No	14.6
FS-37	0.0	**812**	Yes	14.6
FS-37	1.0	**65**	Yes	14.6
FS-38	0.0	**96**	No	14.6
FS-39	0.0	2	No	14.6
FS-40	0.0	**24**	No	14.6
FS-43	0.0	**762**	Yes	14.6
FS-44	0.0	**249**	No	14.6
FS-45	0.0	**895**	Yes	14.6
FS-46	0.0	6	No	14.6

[a] Data referenced from ERM, 1997 and PRC, 2004

[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented, where available.

[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate
NC – non carcinogen C – carcinogen Sat – soil saturation J – Estimated value below RL

Table 6-2 Proposed RCRA Facility Investigation Sampling and Analyses at SWMU 8, Fort Wingate Depot Activity (1 of 2)

					Pesticides	PCBs	VOCs	SVOCs	TPH-ORO	Explosives	Perchlorate	Metals
Method					8081A	8082	8260B	8270C	8015B	8330B	6850	SW6010B and SW7471A
Specific Analyses Requested					Pesticides	Polychlorinated biphenyls	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Oil Range Organics	Explosives	Perchlorate	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment								
0608-SS01-D-0001	SB01	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SS01-D-0001 MS/MSD	SB01	0-1	Discrete	MS/MSD	X	X	X	X	X	X	X	X
0608-SS01-D-0001-DUP	SB01	0-1	Discrete Dup		X	X	X	X	X	X	X	X
0608-SB01-D-0405	SB01	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SB01-D-6465	SB01	64-65	Discrete		X	X	X	X	X	X	X	X
0608-SS02-D-0001	SB02	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB02-D-0405	SB02	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS03-D-0001	SB03	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB03-D-0405	SB03	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS04-D-0001	SB04	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB04-D-0405	SB04	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS05-D-0001	SB05	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB05-D-0001-DUP	SB05	0-1	Discrete Dup		X	X	X	X	X	X	X	X
0608-SB05-D-0405	SB05	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SB05-D-6465	SB05	64-65	Discrete		X	X	X	X	X	X	X	X
0608-SS06-D-0001	SB06	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB06-D-0405	SB06	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS07-D-0001	SB07	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB07-D-0405	SB07	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS08-D-0001	SB08	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB08-D-0001-DUP	SB08	0-1	Discrete Dup		X	X	X	X	X	X	X	X
0608-SB08-D-0405	SB08	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS09-D-0001	SB09	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB09-D-0405	SB09	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS10-D-0001	SB10	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SS10-D-0001 MS/MSD	SB10	0-1	Discrete	MS/MSD	X	X	X	X	X	X	X	X
0608-SB10-D-0405	SB10	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS11-D-0001	SB11	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB11-D-0405	SB11	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS12-D-0001	SB12	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SS12-D-0001 MS/MSD	SB12	0-1	Discrete	MS/MSD	X	X	X	X	X	X	X	X
0608-SB12-D-0405	SB12	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS13-D-0001	SB13	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB13-D-0405	SB13	4-5	Discrete		X	X	X	X	X	X	X	X

Table 6-2 Proposed RCRA Facility Investigation Sampling and Analyses at SWMU 8, Fort Wingate Depot Activity (2 of 2)

					Pesticides	PCBs	VOCs	SVOCs	TPH-ORO	Explosives	Perchlorate	Metals
Method					8081A	8082	8260B	8270C	8015B	8330B	6850	SW6010B and SW7471A
Specific Analyses Requested					Pesticides	Polychlorinated biphenyls	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Oil Range Organics	Explosives	Perchlorate	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment								
0608-SB14-D-0405	SB14	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-1415	SB14	14-15	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-2425	SB14	24-25	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-3435	SB14	34-35	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-4445	SB14	44-45	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-5455	SB14	54-55	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-6465	SB14	64-65	Discrete		X	X	X	X	X	X	X	X
0608-SB15-D-0405	SB15	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SB15-D-0405-DUP	SB15	4-5	Discrete Dup		X	X	X	X	X	X	X	X
0608-SB15-D-0910	SB15	9-10	Discrete		X	X	X	X	X	X	X	X
0608-SB15-D-1920	SB15	19-20	Discrete		X	X	X	X	X	X	X	X
0608-SB15-D-6465	SB15	64-65	Discrete		X	X	X	X	X	X	X	X
0608-TB01-D	SWMU 8	N/A	Discrete	Trip Blank			X					
0608-EB01-D	SWMU 8	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
0608-TB02-D	SWMU 8	N/A	Discrete	Trip Blank			X					
0608-EB02-D	SWMU 8	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
				Total Normal Samples	39	39	39	39	39	39	39	39
				Total Duplicates	4	4	4	4	4	4	4	4
				Total Equipment Blanks (Rinsate water sample)	2	2	2	2	2	2	2	2
				Total Trip Blanks	0	0	2	0	0	0	0	0
				Total MS/MSD Samples (lab counts each separately)	3	3	3	3	3	3	3	3
				Total Soil Samples	49	49	49	49	49	49	49	49
				Total Water Samples	2	2	4	2	2	2	2	2
				Total Analyses	51	51	53	51	51	48	48	51

Notes

bgs = below ground surface
Discrete = discrete location sample
Dup = duplicate sample
Lab QC = Matrix spike/matrix spike duplicate sample set which will be **triple the normal sample volume**
MS/MSD = matrix spike/matrix spike duplicate

Photograph 6-1 Building 537, facing south, Fort Wingate Depot Activity

Photograph 6-2 Building 537, facing north, Fort Wingate Depot Activity

Photograph 6-3 Building 537, facing west, Fort Wingate Depot Activity

Photograph 6-4 Building 537 pesticide storage, Fort Wingate Depot Activity

Photograph 6-5 Area west of Building 537, facing south, Fort Wingate Depot Activity

Photograph 6-6 Building 537 excavation area in 2004, facing west, Fort Wingate Depot Activity

7.0 SWMU 11: Buildings 541 and 542

7.1 Background

7.1.1 Location, Description, and Operational History

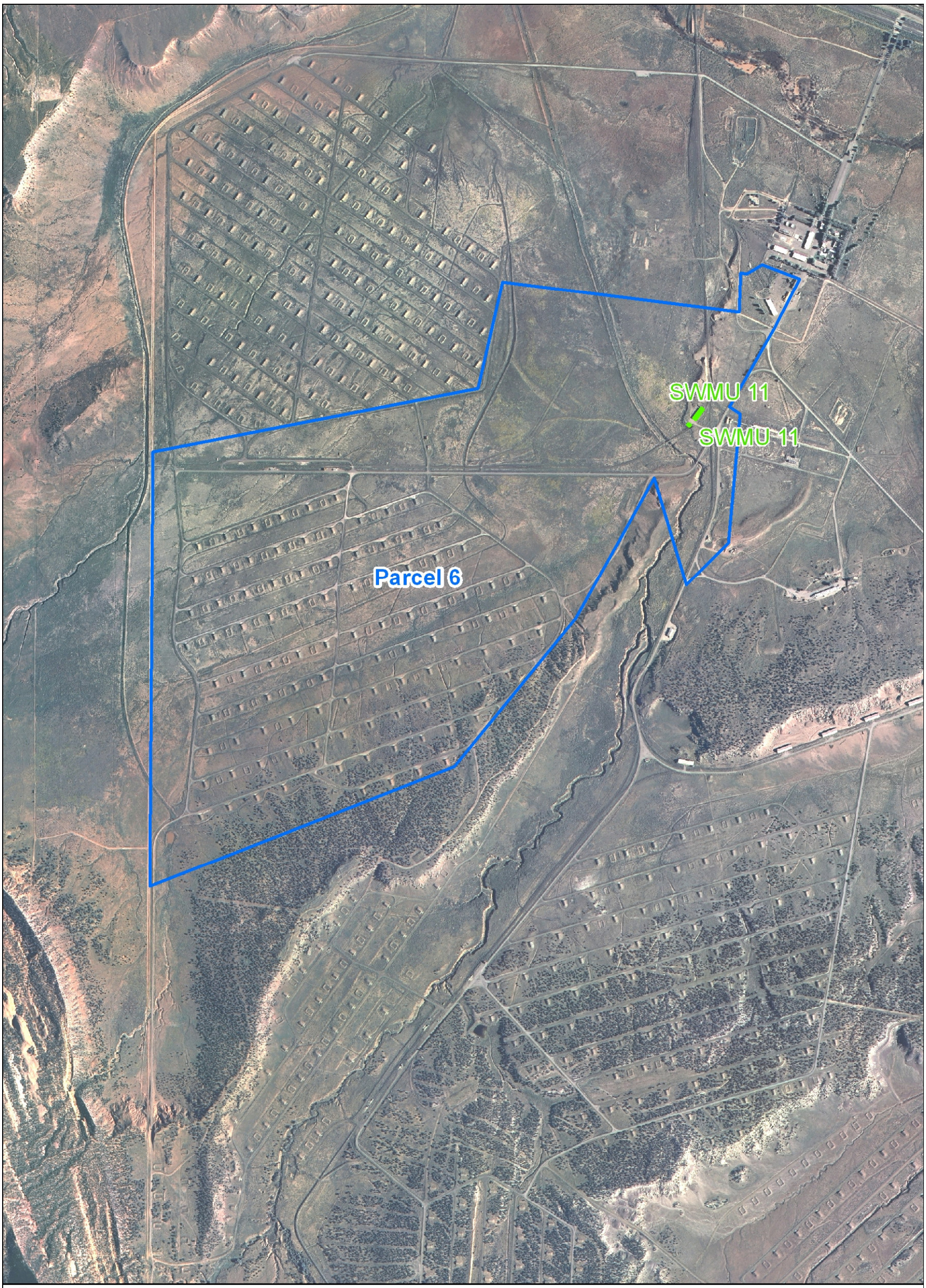
Buildings 541 and 542 are located in the far western portion of the Workshop Area (previously shown in Figure 3-4 and as shown in Figure 7-1). Photographs 7-1 through 7-6, which are provided at the end of this section, show various views of Building 541 and 542. SWMU 11 has been previously listed as combined SWMU 13F (Building 542) and SWMU 47 (Building 541). Building 542 (formerly designated as Building 19) is a former ammunition packing, shipping, and receiving building. Building 542 was constructed in 1942 and is an approximately 7,600-square-foot brick structure with a reinforced concrete floor. Loading docks are present on both sides of the building and each are approximately 10 feet wide and 181 feet long. A railroad spur is located adjacent to the east loading dock. A bermed blast shield structure is located north of Building 542.

Records regarding building operations indicate that over time a variety of ammunition maintenance, modification, and demilitarization operations were performed at Building 542 (PMC, 2002). Building 542 had, at various times during its operation, discharged waste water to a cesspool, a septic tank and drain field, and, in later years, to the sanitary sewer system. A former employee indicated that munitions had been steamed and/or washed on the loading dock and that the water was allowed to spill onto the dock in an area that is still stained (PMC, 2002). Building 542 has been recently used by TPL, Inc., for ammunition component recovery and recycling purposes. TPL has also recently operated a cyclotetramethylene-tetranitramine (HMX) recovery system in Building 542 (PMC, 2002). A metal building has been installed off the north corner of Building 542 to support the contractor's operations.

Building 541 was also constructed in 1942 and is a 600-square-foot brick structure with a reinforced concrete floor. Building 541 is listed as a heating plant that contained a boiler system that provided heat for Building 542. The abandoned boiler equipment is still present in Building 541. There were no other listed or apparent operations associated with Building 541. There is a sump in the east corner of Building 541 with a piping run exiting the sump to the north through the building foundation. The piping appears to be the boiler heating lines running to Building 542.

7.1.2 Surface Conditions

The SWMU 11 area is generally flat. From the edge of the asphalt parking/loading area on the western side of Building 542 the land surface slopes away to the west to an undeveloped field. The land to the east of Building 542 along the eastern loading dock and railroad siding also is generally flat. The parking/loading area between Buildings 542 and 541, which is located to the south, is generally flat as well. The ground surface to the north of Building 542 slopes upward to a hill that overlooks the building. The areas immediately surrounding Building 542 are paved on the western and southern sides and unpaved on the eastern side. The vegetation cover outside the parking/loading areas consists mostly of grass and sagebrush.



N

Legend

Parcel 6 Boundary

SWMU 11 Boundary

Equals 1,500 feet

Figure 7-1

SWMU 11 Location Map
Fort Wingate Depot Activity, New Mexico

CH2MHILL

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG7-1.MXD JQUAN 4/14/2010 08:23:27

7.1.3 Subsurface Conditions

7.1.3.1 Existing Subsurface Infrastructure

Subsurface infrastructure present includes the drain lines in Building 542 and the connections to the discharge lines that connected to the cesspool, septic system, and sanitary sewer. The schematic for the building and the location of the associated interior floor drains are shown in Figure 7-2. The septic system is located southwest of Building 541 and is comprised of a concrete septic tank and the associated drain field that has a 100-foot-long pipe that exits the septic tank with four clay drain pipe laterals, each roughly 200 feet long, that extend to the northwest.

7.1.3.2 Other Subsurface Conditions

The Buildings 541 and 542 are slab on-grade structures so there are no other subsurface structures aside from utilities associated with the building. Sampling that has been conducted at the site confirms that the site is underlain by unconsolidated alluvium to depths of at least 20 feet bgs. Depth to the first water-bearing zone water table is approximately 62 feet bgs in the general area based on installed groundwater monitoring wells. Depth to the second water-bearing zone in the general area based on installed groundwater wells is between 70 and 118 feet bgs.

7.1.4 Waste Characteristics and Contaminants of Potential Concern

Based on the explosives handling operational history at Building 542, the primary COPCs at this site are explosives. The boiler operations in Building 541 do not suggest hazardous materials or waste that would contain COPCs were specifically handled or otherwise stored in that building. Metals, VOCs, and SVOCs have also been detected during previous investigations at SWMU 11 and are therefore COPCs.

7.2 Previous Investigations

7.2.1 Nonsampling Data

Previous nonsampling data includes aerial imagery from 1935, 1948, 1952, 1958, 1962, 1966, 1973, 1978, 1985, 1991, 1993, and 1997. Buildings 541 and 542 are first visible in the 1948 aerial photo and persist in all subsequent years' photos.

Beginning with the 1948 photo and continuing through the 1973 photo, the aerial imagery interpretation describes various features as structures, fill areas, excavations, and bermed areas north of Building 542. In association with its original construction, a bermed blast shield was constructed on the north side of Building 542 because of the explosives handling operations within the building. The land surface north of Building 542 slopes upward to form the bermed backside of the blast shield north of Building 542. A dirt road curves up and around the higher ground. Currently there are no excavated areas or depressions located north of Building 542 nor are there records to indicate historic operations of that sort in this area. It is possible that the aerial photo interpretation inaccurately identified the construction scars associated with original construction of the blast shield as excavations or fill areas and carried that same interpretation through subsequent years' photos. Furthermore, the aerial photo interpretation may have incorrectly interpreted the sloped sides of the topographically higher area north of Building 542 as berms seemingly surrounding a depression.

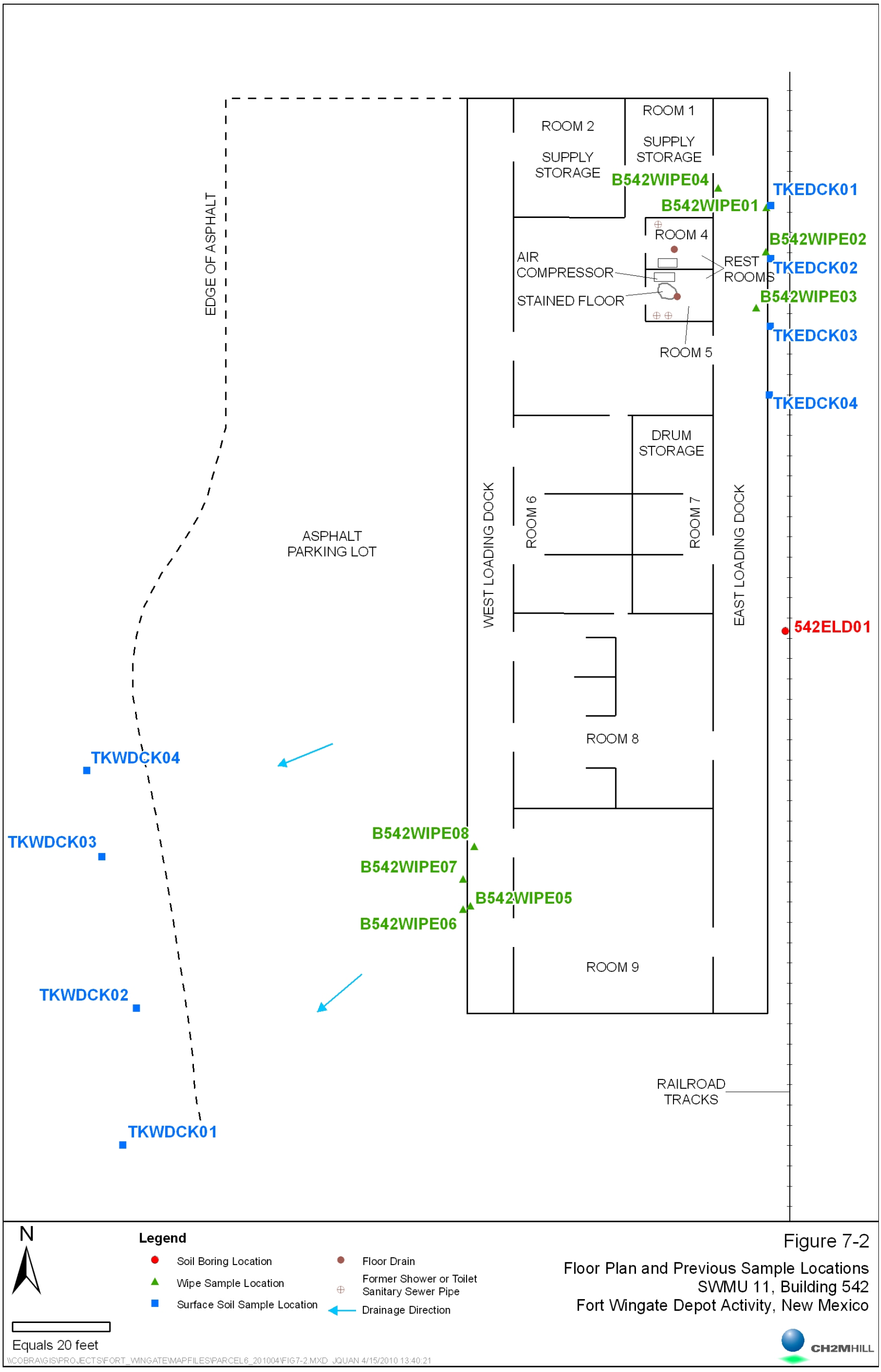


Figure 7-2

Floor Plan and Previous Sample Locations
SWMU 11, Building 542
Fort Wingate Depot Activity, New Mexico

Site reconnaissance conducted as part of the Phase I RFI confirmed the presence of the various interior floor drains, as depicted in Figure 7-2. Visual inspection inside Building 542 indicated visible staining in one of the rooms in the vicinity of a floor drain and air compressor. Exterior inspection of the loading docks also indicated staining; however, the source of the staining was not obvious. The location of the cesspool, the arroyo outfall, and the septic tank that had served Building 542 were all verified and the structures were still intact.

Other nonsampling data includes historical drawings and maps available for Buildings 541 and 542.

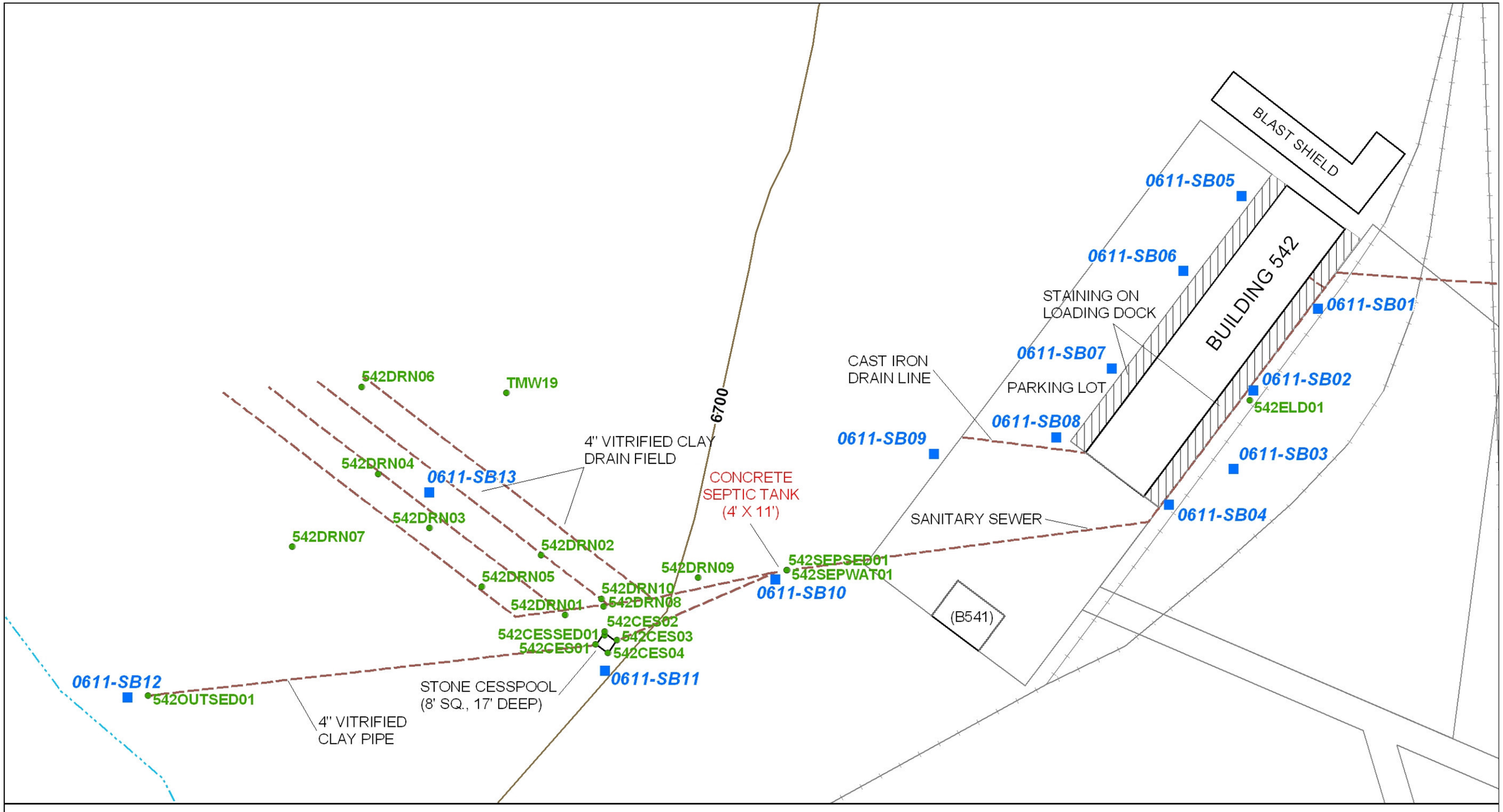
7.2.2 Sampling Data

Previous investigative activities were performed at SWMU 11 as part of a Phase 1 RFI conducted in 2000 and 2001. The RFI activities at Building 542 focused on investigating the discharge points associated with the various drain lines from the building, as well as evaluation on and around the building loading docks. This investigation was conducted to determine if there had been releases to the environment from housekeeping practices. Sampling locations for the Phase 1 RFI are shown in Figures 7-2 and 7-23 The location of the groundwater monitoring wells is shown in Figure 7-4.

Soil Data

Four wipe samples were collected from stained or discolored areas on the east loading dock and were analyzed for explosives. One explosive, HMX, was detected in one sample. Four surface soil samples were collected adjacent to the stained areas observed on the east loading dock and were tested for TNT and RDX using immunoassay test kits. No explosives were detected in the soil samples. To further investigate this area, a single soil boring was advanced adjacent to the east loading dock to a depth of 10 feet using hollow stem auger (HSA) drilling. Samples were collected from 3- to 5-feet bgs and 10- to 12-feet bgs. The samples were analyzed for explosives, TAL metals, TCL VOCs, and TCL SVOCs. Two explosives, HMX and RDX, were detected at low concentrations in the soil samples. Additionally, the VOC toluene was detected at qualified concentrations, and between 11 and 18 SVOCs were detected at low or qualified concentrations. Numerous metals were also positively detected, generally at low or qualified concentrations. The analytical data for those positively detected compounds are presented in Table 7-1 (provided at the end of this section). All detected concentrations were below applicable NMED or EPA residential SSL, with the exception of two detected SVOCs. In the 10- to 12-feet bgs sample the compounds benzo(a)anthracene (8.53 mg/kg) and benzo(a)pyrene (2.5 mg/kg) were both detected at concentrations above their NMED residential SSL of 4.81 mg/kg and 0.481 mg/kg, respectively.

Four wipe samples were collected from the west loading dock. One explosive, HMX, was detected in two of the samples. Four surface soil samples were collected near the western loading dock, adjacent to the western edge of the pavement near the dock at topographically low areas. These samples were tested for TNT and RDX using immunoassay test kits. No explosives were detected at this location.



N

Legend

- Proposed Sampling Location
- 2000 Sample Location
- FWDA Sanitary Sewer
- FWDA Arroyo
- FWDA Fence
- Railroad
- FWDA Roads

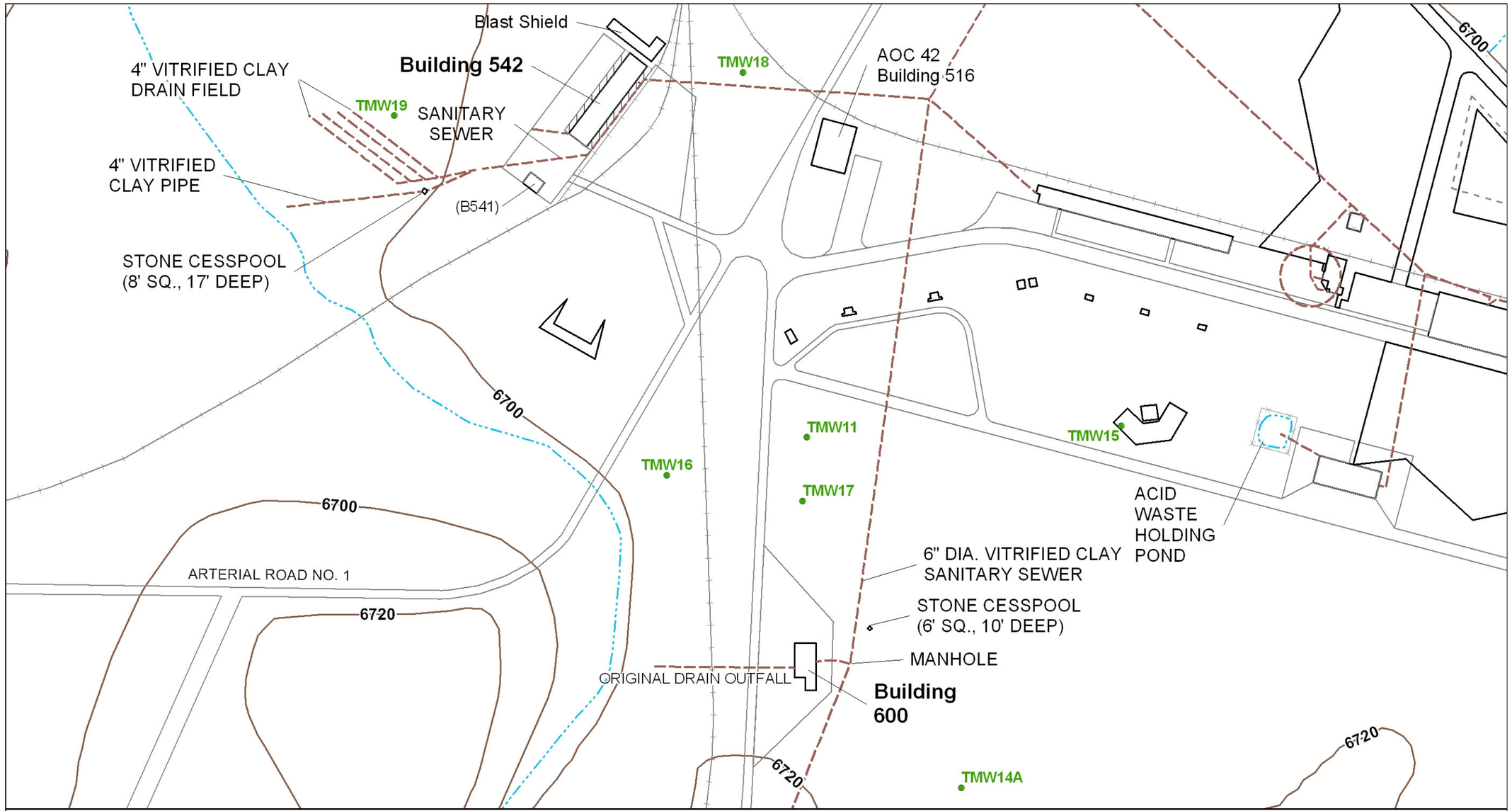
Equals 60 feet

Figure 7-3

Soil and Sediment Sample Locations
SWMU 11, Building 542
Fort Wingate Depot Activity, New Mexico

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG7-3.MXD JQUAN 4/22/2010 15:51:54

CH2MHILL



N

Legend

- Monitoring Well
- FWDA Arroyo
- Railroad
- FWDA Sanitary Sewer
- FWDA Fence
- FWDA Roads

Equals 200 feet

Figure 7-4

Monitoring Well Locations
SWMU 11, Building 542
Fort Wingate Depot Activity, New Mexico

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG7-4.MXD JQUAN 4/14/2010 09:26:50

CH2MHILL

To investigate the building's cesspool, four soil borings were advanced adjacent to the cesspool with HSA drilling. The borings were advanced to a depth of 20 feet bgs, which was three feet below what was indicated to be the bottom of the cesspool based on original drawings. During the site reconnaissance, the cesspool was measured to be roughly 7 feet deep. Soil samples from each boring were collected from 4 to 6 feet bgs and 18 to 20 feet bgs and were analyzed for explosives, TAL metals, TCL VOCs, and TCL SVOCs. The VOCs acetone and toluene and the SVOC bis (2-ethylhexyl) phthalate were detected at qualified concentrations. Several metals were detected at generally low or qualified concentrations. The analytical data for those positively detected compounds are presented in Table 7-1 (provided at the end of this section). All detected concentrations were below applicable NMED or EPA residential SSLs.

One sediment sample was collected from inside the cesspool and analyzed for explosives, TAL metals, TCL VOCs and TCL SVOCs. This sample contained the VOC methylene chloride and eight SVOCs at qualified concentrations, as well as several metals at generally low or qualified concentrations. No explosive compounds were detected in the sample. The analytical data for those positively detected compounds are presented in Table 7-1. All detected concentrations were below the applicable NMED or EPA residential SSLs. At the conclusion of the sampling, the cesspool was abandoned in place.

One surface soil sample was collected immediately downslope from the location of the cesspool outfall and analyzed for explosives, TAL metals, TCL VOCs, and TCL SVOCs. The VOC methylene chloride and several metals were detected at generally low or qualified concentrations. No explosive compounds were detected in the sample. The analytical data for those positively detected compounds are presented in Table 7-1. All detected concentrations were below applicable NMED or EPA residential SSLs.

One sediment sample from inside of the septic tank was collected and analyzed for explosives, TAL metals, TCL VOCs, and TCL SVOCs. The analytical data for those positively detected compounds are presented in Table 7-1 (provided at the end of this section). The VOC carbon disulfide and 14 SVOCs were detected at qualified concentrations, as well as several metals were detected in this sample. Lead was detected at a concentration of 98.7 µg/g. Because of the high concentration, a second sample was collected for toxicity characteristic leaching procedure (TCLP) lead to determine if the sediment would be classified as hazardous waste. The TCLP sample result was considered nondetectable with a method detection level of 0.5 mg/L; therefore, the sediment was not considered hazardous. All positively detected compounds from the septic tank sediment sample were below applicable NMED or EPA residential SSLs, with the exception of arsenic. The detected arsenic concentration in the sediment was 8.32 mg/kg, which is above the NMED residential soil SSL of 3.59 mg/kg. Water from the septic tank was sampled and analyzed for explosives, RCRA metals, VOCs, and SVOCs. The water was also found to not be considered a hazardous material. The water and sediments in the septic tank were removed by vacuum truck and the septic tank was abandoned in place as part of the Phase 1 RFI activities.

Ten soil borings were advanced using HSA drilling to a depth of 10 feet bgs within and adjacent to the septic tank drain field. Soil samples were collected from each boring at depths of 4 to 6 feet bgs and 8 to 10 feet bgs. The samples were analyzed for explosives, TAL metals, TCL VOCs, and TCL SVOCs. The VOC toluene and the SVOC bis (2-ethylhexyl) phthalate were detected at qualified concentrations. Several metals were also detected in these soil samples, generally at low or qualified concentrations. The analytical data for those positively detected compounds are presented in Table 7-1 (provided at the end of this section). All detected concentrations were below applicable NMED or EPA residential SSLs.

Groundwater Data

The Phase 1 RFI also included a groundwater investigation to further assess explosives concentrations that had been detected in previously installed groundwater monitoring well TMW-11. Although well TMW-11 is located approximately 600 feet southeast of Building 542, in the upgradient direction, it was still evaluated as a potential source because of the explosives handling operations that had been conducted at the site. The objective of the groundwater investigation was to evaluate whether Building 542 or nearby Building 600, which is SWMU 4, could be the source or sources of the explosives detected in groundwater at well TMW-11.

The groundwater investigation included the installation of six additional monitoring wells: four wells screened within the first water-bearing zone and two screened within the second water-bearing zone. The wells were located throughout the western side of the FWDA Workshop area in the general area between and around Buildings 600 and 542.

Two rounds of groundwater samples were collected from the Phase 1 RFI monitoring wells in 2001. Positively detected concentrations are presented in Table 7-2 (provided at the end of this section). Analytical data indicated low levels of explosives (RDX, 2,4-dinitrotoluene, 2,6-dinitrotoluene, and nitrobenzene) in five of the six new wells and also in well TMW-11 where explosives were originally detected. All concentrations were estimated values less than 1 µg/L. There are no applicable New Mexico WQCC standards or EPA MCL for these compounds. The analytical results from those new wells installed in proximity to Building 542, TMW-18 and TMW-19, contained 2,4-dinitrotoluene and nitrobenzene at similar estimated concentrations as detected in the other Phase 1 RFI wells.

Nitrate was also detected in two wells, TMW-11 and TMW-15, although concentrations were substantially below the New Mexico WQCC and EPA MCL of 10 mg/L. As would be expected, TAL metals were detected in all samples although concentrations were all well below applicable New Mexico WQCC or EPA MCL standards. Fluoride was detected in three wells: TMW-11, TMW-14A, and TMW-17. The fluoride concentrations detected during the April 2001 sampling event in wells TMW-11 and TMW-17 (1.8 mg/L and 1.9 mg/L, respectively) slightly exceed the New Mexico WQCC standard of 1.6 mg/L for fluoride, but are below the EPA MCL of 4 mg/L.

Asbestos

Additional investigation activities include the asbestos survey completed at this site (Pickering Environmental, 1990). Results indicated that ACM was present on approximately 35 linear feet of insulated pipe and 48 square feet of boiler head insulation at Building 541. Results indicated that ACM was present in approximately 400 square feet of floor tile at Building 542. ACM was abated in 1999 (USACE, 2000).

7.2.3 Conceptual Model

7.2.3.1 Nature and Extent of Contamination

The different phases of soil sampling across the site have not fully delineated the degree and extent of soil contamination. Based on review of the operational history of SWMU 11, visual inspection of the site, and evaluation of available analytical data, it appears that limited releases of explosives and SVOCs and possibly VOCs to the environment are present at this site. Releases appear related to discharges from the building drain lines to the site's former cesspool and septic system areas, and general housekeeping practices in the areas of the building's loading docks.

The nature and extent of potential soil contamination associated with the building's cesspool, septic system drain field, and arroyo discharge point on the west side of the building have been well characterized. Detected compounds do not exceed applicable screening levels, indicating that these

areas present an acceptable level of risk to human health or the environment. However, discharges from the Building 600 doorways have not been evaluated.

The sediments within the Building 542 septic tank were sampled and soil borings were advanced in the drain field and the analytical data from these samples indicated no COPCs in excess of applicable screening levels. However, sampling of the soil matrix surrounding the former septic tank has not been conducted. Therefore, the nature and extent of potential releases that may have occurred to the soil from connections between the tank and drain lines or from possible leaks or overflows from the tank itself have not been evaluated.

Positive detections of explosives and SVOCs adjacent to the loading docks of Building 542 indicate that housekeeping practices in these areas likely released COPCs to the environment. The full nature and extent of those potential releases has not been determined.

Potential releases to the environment from Building 541, located south of Building 542, have not been evaluated.

Finally, the Phase 1 RFI activities conducted in 2001 to evaluate the source of explosives detected in groundwater at well TMW-11 indicated that low concentrations of explosives are found in the second sandstone water bearing zone throughout the western Workshop Area including the southeast portion of Parcel 6. Although explosives were detected in the two new Phase 1 RFI groundwater monitoring wells installed near Building 542, the detected concentrations were very similar to other low level detections that appear pervasive throughout the western Workshop area, including in areas upgradient of Building 542. Delineation of the nature and extent of the soil impacts at SWMU 11 will allow further evaluation of whether this site is a potential source of groundwater impacts. However, available data do not indicate that high levels of explosives are present in the soils at the site. Therefore, the lack of substantial soil impacts and consideration of the pervasive explosives concentrations in the area groundwater, including in the upgradient direction, suggest that releases from Building 542 have not impacted groundwater.

7.2.3.2 Fate and Transport

If contamination is present at SWMU 11, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

7.2.3.3 Data Gaps

The data gaps include horizontal and vertical delineation of detected COPCs on the east side of Building 542 and evaluation of potential releases to soil on the western side of Building 542. Additionally, to compile a full data set to support NFA, final evaluation needs to be done to determine if releases to the environment occurred from the Building 542 septic tank.

7.3 Investigation Methods

7.3.1 Contaminant Source

The potential contaminant sources associated with SWMU 11 would be releases of COPCs to the surface or subsurface soils as a result of discharges from Building 542 drain lines and connections or through housekeeping practices that resulted in surface discharges from the Building 542 loading dock.

Based on the 2001 Phase 1 RFI soil sample data for the site and groundwater data from throughout the western Workshop Area, it does not appear that Building 542 or SWMU 11 are likely sources of

impacts to groundwater. Following full delineation of the horizontal and vertical extent of COPCs as part of this RFI, a determination will be made regarding whether additional investigation of groundwater issues related to this site is merited.

7.3.2 Media Characterization

The presence of soil contamination at SWMU 11 will be evaluated by collecting soil samples from direct-push boreholes.

7.3.3 Quality Assurance/Quality Control

The QA/QC practices specified in the project QAPP (provided in Appendix C) will be followed during all sampling activities.

7.4 Scope of Activities

The following field activities will be conducted during the RFI at SWMU 11:

- Visual reconnaissance of the area north of Building 542 and the blast shield.
- Installation of 13 soil borings using direct-push drilling methods.
- Collection and analysis of surface and subsurface soil samples.

7.4.1 Visual Reconnaissance

Visual reconnaissance of the area north of Building 542 and the blast shield will be conducted to verify there are no physical surface indications of structures, excavations, bermed areas, or depressions as were reported in the aerial imagery interpretation. The construction and nature of the blast shield and bermed area that supports the north side of the blast area will be documented to rectify the descriptions of structures and operations described in the aerial photograph interpretation with the actual physical structures present in the area.

7.4.2 Borehole Installation and Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from operations at SWMU 11. Based on operational history, the only expected COPCs for SWMU 11 are explosives. However, low-level detections of VOCs and SVOCs during prior Phase 1 RFI sampling indicate it is reasonable to continue to sample for these constituents as part of this effort as well in the interest of compiling a complete data set to support NFA. Metals were detected in all prior samples, although not at concentrations exceeding applicable screening levels. Therefore, metals will also be sampled as part of the RFI.

Field activities will include the installation and sampling of 13 soil borings at the site. The proposed boring locations are shown on Figure 7-3. Sample locations, depths, and analytical parameters are summarized in Table 7-3 (provided at the end of this section). Multi-incremental surface soil samples will be collected and analyzed for explosives (EPA Method 8330B) at boring locations where surface soil samples will be collected. All other samples will be collected as discrete samples.

The rationale for each boring location and sampling is described generically in Section 4 and as follows:

- Four borings will be advanced adjacent to the eastern loading dock of Building 542 to assess prior detections of explosives, VOCs, and SVOCs detected during the Phase 1 RFI. These borings will assess whether potential discharges from loading/unloading or washdown practices on the east

side of the building may have resulted in releases to the environment. Borings will be advanced to roughly 20 feet bgs with analytical samples collected at the 5- to 6-feet bgs, 10- to 11-feet bgs, 15- to 16-feet bgs, and 20- to 21-feet bgs intervals. The soil borings will be advanced to the water table with samples collected at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

- Four borings will be advanced adjacent to the western loading lock of building 542 (0611-SB05 to 0611-SB08). This area is paved with asphalt, which will require coring through the asphalt. Discrete soil samples will be collected from 6- to12- inches into native soil below the asphalt and then at 5, 10, and 20 feet bgs. The soil borings will be advanced to the water table with samples collected at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.
- One boring will be advanced to the southwest of Building 542 in a low area that collects drainage from the paved loading dock area west of the building (0611-SB09). This boring will assess potential impacts from the former cast iron line that appears to have discharged to the ground surface in this area based on as-built drawings. The boring will be advanced to roughly 5 feet bgs with analytical samples collected at the 0- to 1-foot bgs and 4- to 5-feet bgs intervals.
- One boring will be advanced adjacent to the former septic tank roughly 200 feet southwest of the building (0611-SB10). This boring will assess potential releases from the septic tank to the subsurface. The specific discharge lines from the septic tank and the associated drain field have been previously investigated. The soil boring will be advanced to the water table with samples collected at 5 and 10 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.
- One soil boring will be advanced adjacent to the former cesspool (0611-SB11). The soil boring will be advanced to the water table with samples collected at 5, 10, and 20 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.
- One soil boring will be advanced at the former cesspool outfall to the arroyo (0611-SB12). The soil boring will be advanced to the water table with samples collected at 1, 5, and 10 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.
- One soil boring will be advanced near the center of the septic tank drain field. The soil boring will be advanced to the water table with samples collected at 5, 10, and 20 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

Subsurface soil borings will be advanced using a direct-push drilling method. This method will allow not only sample collection but observation and description of the soil column at each location to allow visual identification of soil staining, lithology changes, etc., and collection of field measurements with a PID.

The sampling process will be completed for each boring as follows:

1. The drilling rods and sampling sleeve will be advanced to each depth interval to recover specified samples.
2. The recovered soil cores will be geologically logged and field-screened using a PID.
3. Discrete grab soil samples will be extracted from the appropriate depth intervals and placed into appropriate sample bottles as specified in the project QAPP presented in Appendix C.

4. Remaining soil shall be emptied from the sampling sleeves and contained in drums for appropriate sampling and disposal.
5. At the conclusion of drilling the borehole will be abandoned by backfilling with hydrated bentonite chips.
6. Identify each borehole location with a survey spike that incorporates colored flagging.

Table 7-3 (provided at the end of this section) summarizes the proposed soil sampling at SWMU 11. All samples will be analyzed for VOCs (EPA Method 8260B); SVOCs (EPA Method 8270C); RCRA metals (EPA Method 6010B and Method 7471A); and explosives (EPA Method 8330B). Additionally, the soil borings on the eastern side of the building will be analyzed for TPH diesel range organics for the samples collected at the 5 to 6 foot depths. All samples will be analyzed in accordance with the project QAPP (Appendix C).

Table 7-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 11, Building 541 and 542[a], Fort Wingate Depot Activity (concentrations in mg/kg) (1 of 5)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreCesspool	BoreCesspool	BoreCesspool	BoreCesspool
			542CES010105	542CES010220	542CES020105	542CES020220
			11/08/00	11/08/00	11/09/00	11/09/00
			5 feet bgs	20 feet bgs	5 feet bgs	20 feet bgs
VOCs - EPA Method 8260B	Acetone	67,500	ND	ND	ND	0.0068 J
	Toluene	5,570	ND	ND	0.00023 J	0.00034 J
SVOCs - EPA Method 8270B	Bis(2-ethylhexyl)phthalate	280	0.079 J	ND	ND	ND
Metals - EPA Method 6010	Aluminum	78,100	15,700	8,240	14,200	9,200
	Arsenic	3.59	0.707	1.05	0.651	1.11 J
	Barium	15,600	243	184	239	128 J
	Beryllium	156	0.732	0.387 J	0.696	0.495 J
	Cadmium	77.9	ND	0.078 J	ND	ND
	Calcium	N/A	26,700	21,900	23,500	12,200 J
	Chromium	219	6.64	3.93	5.54	6.12 J
	Cobalt	23[c]	4.36	3.04	3.89	4.54 J
	Copper	3,130	6.01	2.85	6.04	3.55
	Iron	54,800	12,100	8,410	11,200	8,390
	Lead	400	8.14	4.94	7.20	8.37 J
	Magnesium	N/A	5,120	2,830	4,730	3,210
	Manganese	10,700	382	376	398	266
	Mercury	7.71	0.013 J	ND	0.011 J	0.0093 J
	Nickel	1,560	9.03	4.57	7.44	6.76 J
	Potassium	N/A	3,100	1,420	3,060	1,620 J
	Sodium	N/A	574	189	374	376
	Thallium	5.16	0.074 J	ND	0.054 J	0.076 J
	Vanadium	391	14.7	55.2	13.8	14.3 J
	Zinc	23,500	20.8	14.3	18.5	23.6 J

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreCesspool	BoreCesspool	BoreCesspool	BoreCesspool
			542CES020220-FD	542CES030105	542CES030220	542CES040105
			11/09/00	11/09/00	11/09/00	11/29/00
			20 feet bgs	5 feet bgs	20 feet bgs	5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	0.00047 J	0.00022 J	0.00039 J	ND
Metals - EPA Method 6010	Aluminum	78,100	6,310	11,200	8,130	11,800
	Arsenic	3.59	0.863 J	0.614	1.19	0.840
	Barium	15,600	118 J	180	118	210
	Beryllium	156	0.400 J	0.518 J	0.465 J	0.603
	Cadmium	77.9	ND	ND	ND	0.055 J
	Calcium	N/A	10,900 J	21,500	10,700	21,700
	Chromium	219	2.48 J	4.07	3.24	5.31
	Cobalt	23[c]	2.11 J	3.08	2.87	3.87
	Copper	3,130	2.60	3.28	3.46	5.99
	Iron	54,800	6,400	9,020	7,620	9,790
	Lead	400	4.05 J	5.57	4.64	6.96
	Magnesium	N/A	2,320	3,680	2,690	4,100
	Manganese	10,700	211	291	228	335
	Mercury	7.71	ND	ND	0.091 J	ND
	Nickel	1,560	3.49 J	5.95	5.43	8.77
	Potassium	N/A	1,020 J	2,390	1,720	2,310
	Sodium	N/A	283 D	431	279	423
	Thallium	5.16	0.098 J	0.064 J	ND	0.066 J
	Vanadium	391	8.63 J	10.7	8.13	13.4
	Zinc	23,500	12.0 J	14.0	15.3	18.1

[a] Data referenced from PMC, 2002

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[c] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Table 7-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 11, Building 541 and 542a, Fort Wingate Depot Activity (concentrations in mg/kg) (2 of 5)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreCesspool	BoreDrainField	BoreDrainField	BoreDrainField
			542CES040220	542DRN010105	542DRN010210	542DRN020105
			11/09/00	11/10/00	11/10/00	11/10/00
			20 feet bgs	5 feet bgs	10 feet bgs	5 feet bgs
VOCs - EPA Method 8260B	Acetone	67,500	0.011 J	ND	ND	ND
	Toluene	5,570	0.00043 J	0.00023 J	ND	ND
SVOCs - EPA Method 8270B	Bis(2-ethylhexyl)phthalate	280	ND	ND	0.070 J	ND
Metals - EPA Method 6010	Aluminum	78,100	14,100	6,390	17,600	7,410
	Arsenic	3.59	1.42	1.24	1.17	0.567 J
	Barium	15,600	210	116	285	123
	Beryllium	156	0.657	0.359 J	1.11	0.336 J
	Calcium	N/A	15,100	14,800	20,700	15,400
	Chromium	219	6.06	3.21	6.39	2.57
	Cobalt	23[c]	4.11	2.82	5.27	2.45
	Copper	3,130	6.74	3.01	10.3	3.15
	Iron	54,800	11,500	6,270	15,600	6,440
	Lead	400	7.76	5.11	9.56	4.39
	Magnesium	N/A	4,340	2,470	5,780	2,720
	Manganese	10,700	299	235	430	227
	Mercury	7.71	0.018 J	0.014 J	0.024	0.018 J
	Nickel	1,560	9.27	7.34	ND	ND
	Potassium	N/A	2,880	1,260	3,210	1,460
	Selenium	391	0.508	ND	ND	ND
	Sodium	N/A	550	307	730	371
	Thallium	5.16	0.072 J	1.75 J	0.094 J	ND
	Vanadium	391	13.1	9.85	16.9	7.78
	Zinc	23,500	23.5	12.9	27.3	14.5
Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[b]**	BoreDrainField	BoreDrainField	BoreDrainField	BoreDrainField
			542DRN020210	542DRN030105	542DRN030210	542DRN040105
			11/10/00	11/10/00	11/10/00	11/10/00
			10 feet bgs	5 feet bgs	10 feet bgs	5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	ND	0.00024 J	0.00029 J	0.00029 J
Metals - EPA Method 6010	Aluminum	78,100	15,700	2,690	8,670	7,280
	Antimony	31.3	ND	ND	ND	0.167 J
	Arsenic	3.59	0.929	0.484 J	0.952	0.498 J
	Barium	15,600	215	60.2	155	127
	Beryllium	156	0.960	ND	0.435 J	0.433 J
	Calcium	N/A	25,400	9,020	16,000	17,800
	Chromium	219	6.49	1.34	3.64	2.78
	Cobalt	23[c]	5.42	1.37	2.99	2.61
	Copper	3,130	8.10	1.49 J	3.65	3.05
	Iron	54,800	12,200	3,150	7,710	7,000
	Lead	400	9.35	2.59	5.23	4.69
	Magnesium	N/A	5,300	1,160	3,090	2,820
	Manganese	10,700	410	137	249	240
	Mercury	7.71	0.021 J	0.0085 J	ND	0.016 J
	Potassium	N/A	2,870	467	1,800	1,390
	Sodium	N/A	871	130	269	264
	Thallium	5.16	0.091 J	ND	ND	ND
	Vanadium	391	17.5	4.67	9.31	8.94
	Zinc	23,500	24.5	6.66	13.1	11.7

[a] Data referenced from PMC, 2002

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[c] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Table 7-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 11, Building 541 and 542a, Fort Wingate Depot Activity (concentrations in mg/kg) (3 of 5)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreDrainField	BoreDrainField	BoreDrainField	BoreDrainField
			542DRN040210	542DRN050105	542DRN050210	542DRN060105
			11/10/00	11/10/00	11/10/00	11/10/00
			10 feet bgs	5 feet bgs	10 feet bgs	5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	ND	0.00025 J	ND	ND
Metals - EPA Method 6010	Aluminum	78,100	14,700	8,760	14,900	11,500
	Arsenic	3.59	1.67	0.599	ND	0.564
	Barium	15,600	227	155	216	206
	Beryllium	156	0.887	0.449 J	0.830	0.586
	Calcium	N/A	15,700	15,700	18,200	17,700
	Chromium	219	7.54	3.27	2.24	2.43
	Cobalt	23[c]	6.96	2.75	1.63	2.32
	Copper	3,130	8.16	3.70	7.90	4.36
	Iron	54,800	12,800	7,850	13,500	9,860
	Lead	400	12.4	5.14	3.65	4.43
	Magnesium	N/A	4,800	3,160	4,650	3,800
	Manganese	10,700	390	270	330	345
	Mercury	7.71	0.022 J	ND	0.023	ND
	Potassium	N/A	3,130	1,960	2,940	2,480
	Sodium	N/A	531	284	626	348
	Thallium	5.16	0.103 J	ND	0.063 J	ND
	Vanadium	391	20.4	9.11	5.91	8.18
	Zinc	23,500	39.0	12.6	7.38	11.0
Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[b]**	BoreDrainField	BoreDrainField	BoreDrainField	BoreDrainField
			542DRN060210	542DRN070105	542DRN070210	542DRN080105
			11/10/00	11/10/00	11/10/00	11/10/00
			10 feet bgs	5 feet bgs	10 feet bgs	5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	ND	0.00033 J	0.00022 J	ND
Metals - EPA Method 6010	Aluminum	78,100	5,630	7,440	7,500	9,700
	Arsenic	3.59	0.778	0.597	0.640	0.824
	Barium	15,600	96.2	194	162	176
	Beryllium	156	ND	0.399 J	0.440 J	0.503 J
	Calcium	N/A	8,480	20,000	16,700	18,400
	Chromium	219	1.84	2.53	4.14	3.76
	Cobalt	23[c]	1.53	2.44	2.79	3.00
	Copper	3,130	2.04	2.64	4.90	3.73
	Iron	54,800	5,230	7,270	7,660	7,590
	Lead	400	2.80	4.50	5.04	5.50
	Magnesium	N/A	1,910	2,940	2,840	3,320
	Manganese	10,700	170	259	247	276
	Mercury	7.71	ND	0.0084 J	ND	0.019 J
	Potassium	N/A	1,180	1,380	1,410	2,010
	Sodium	N/A	155	253	315	273
	Thallium	5.16	ND	ND	ND	0.069 J
	Vanadium	391	5.60	8.67	11.1	9.73
	Zinc	23,500	7.43	10.7	13.2	14.3
Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[b]**	BoreDrainField	BoreDrainField	BoreDrainField	BoreDrainField
			542DRN080210	542DRN090105	542DRN090210	542DRN100105
			11/10/00	11/10/00	11/10/00	11/10/00
			10 feet bgs	5 feet bgs	10 feet bgs	5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	0.00034 J	ND	0.00061 J	0.00031 J
Metals - EPA Method 6010	Aluminum	78,100	5,830	9,460	11,200	6,810
	Arsenic	3.59	0.562	0.767	1.05	0.848
	Barium	15,600	147	203	169	191
	Beryllium	156	0.391 J	0.530 J	0.684	0.430 J
	Cadmium	77.9	ND	ND	ND	0.052 J
	Calcium	N/A	14,300	17,100	17,900	19,600
	Chromium	219	4.85	4.02	4.49	3.76
	Cobalt	23[c]	2.39	3.38	4.18	3.52
	Copper	3,130	4.29	4.95	6.75	3.83
	Iron	54,800	6,360	8,700	10,600	7,640
	Lead	400	4.54	6.12	7.76	6.24
	Magnesium	N/A	2,300	3,450	3,910	2,720
	Manganese	10,700	224	289	336	284
	Mercury	7.71	0.016 J	0.011 J	0.022 J	0.013 J
	Potassium	N/A	1,130	1,900	2,260	1,220
	Sodium	N/A	230	282	566	289
	Thallium	5.16	ND	0.072 J	0.069 J	0.064 J
	Vanadium	391	8.61	13.7	12.9	11.9
	Zinc	23,500	12.1	17.2	30.0	17.2

Table 7-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 11, Building 541 and 542a, Fort Wingate Depot Activity (concentrations in mg/kg) (4 of 5)

Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[b]**	BoreDrainField	BoreEast LoadingDock	BoreEast LoadingDock
			542DRN100210	542ELD010105	542ELD010210
			11/10/00	11/30/00	11/30/00
			10 feet bgs	5 feet bgs	10 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	ND	0.00020 J	ND
SVOCs - EPA Method 8270B	Acenaphthene	3,440	ND	0.019 J	15.4 J
	Acenaphthylene	N/A	ND	ND	0.474 J
	Anthracene	17,200	ND	0.014 J	24.0 J
	Benzo(a)anthracene	4.81	ND	0.050 J	**8.53 J**
	Benzo(a)pyrene	0.481	ND	0.040 J	**2.50 J**
	Benzo(b)fluoranthene	4.81	ND	0.057 J	3.94 J
	Benzo(g,h,i)perylene	N/A	ND	ND	0.839 J
	Benzo(k)fluoranthene	48.1	ND	0.015 J	1.26 J
	Carbazole	N/A	ND	ND	2.88 J
	Chrysene	481	ND	0.052 J	7.62 J
	Dibenzofuran	78[c]	ND	ND	8.41 J
	Fluoranthene	2,290	ND	0.153 J	46.6 J
	Fluorene	2,290	ND	0.0095 J	16.8 J
	Indeno(1,2,3-cd)pyrene	4.81	ND	ND	0.849 J
	2-Methylnaphthalene	N/A	ND	ND	0.755 J
	Naphthalene	45	ND	ND	0.418 J
	Phenanthrene	1,830	ND	0.037 J	88.7 J
	Pyrene	1,720	ND	0.195	36.8 J
Metals - EPA Method 6010	Aluminum	78,100	7,890	8,050	22,000
	Arsenic	3.59	0.865	0.581	1.00 J
	Barium	15,600	127	326	393 J
	Beryllium	156	0.427 J	1.39	0.957
	Cadmium	77.9	ND	0.172	0.248 J
	Calcium	N/A	12,300	21,400	29,300 J
	Chromium	219	3.75	5.20	9.62 J
	Cobalt	23[c]	3.50	3.65	12.4 J
	Copper	3,130	4.48	4.77	23.8 J
	Iron	54,800	7,830	14,000	19,700
	Lead	400	6.06	17.0	42.4 J
	Magnesium	N/A	2,780	2,770	8,440 J
	Manganese	10,700	252	520	495
	Mercury	7.71	0.021 J	0.011 J	0.033
	Nickel	1,560	ND	ND	18.0 J
	Potassium	N/A	1,690	1,670	3,740
	Sodium	N/A	209	103	1,620 J
	Thallium	5.16	0.067 J	0.059 J	0.082 J
	Vanadium	391	11.0	17.0	49.4 J
	Zinc	23,500	17.0	34.9	54.9 J
Explosives - EPA Method 8330	HMX	3,060	ND	0.67	0.928 J
	RDX	35.6	ND	0.844	0.37

Table 7-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 11, Building 541 and 542a, Fort Wingate Depot Activity (concentrations in mg/kg) (5 of 5)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	Outfall	BoreEast LoadingDeck	Cesspool	SepticTank
			542OUTSED01	542ELD010210-FD	542CESSED01	542SEPSED01
			11/07/00	11/30/00	11/07/00	11/07/00
			0.5 feet bgs	10 feet bgs	0.5 feet bgs	0.5 feet bgs
VOCs - EPA Method 8260B	Carbon disulfide	1,940	ND	ND	ND	0.117 J
	Methylene chloride	199	0.00074 J	ND	0.0016 J	ND
SVOCs - EPA Method 8270B	2-Methylnaphthalene	N/A	ND	ND	ND	0.014 J
	Acenaphthene	3,440	ND	0.083 J	ND	ND
	Anthracene	17,200	ND	0.054 J	ND	0.024 J
	Benzo(a)anthracene	4.81	ND	0.094 J	0.022 J	0.094 J
	Benzo(a)pyrene	0.481	ND	0.043 J	0.028 J	0.069 J
	Benzo(b)fluoranthene	4.81	ND	0.069 J	0.089 J	0.091 J
	Benzo(g,h,i)perylene	N/A	ND	ND	ND	0.045 J
	Benzo(k)fluoranthene	48.1	ND	0.022 J	0.025 J	0.034 J
	Carbazole	N/A	ND	ND	0.0091 J	ND
	Chrysene	481	ND	0.093 J	0.044 J	0.094 J
	Dibenzofuran	78[c]	ND	0.026 J	ND	ND
	Fluoranthene	2,290	ND	0.283 J	0.044 J	0.168 J
	Fluorene	2,290	ND	0.046 J	ND	0.018 J
	Indeno(12,3-cd)pyrene	4.81	ND	ND	ND	0.050 J
	Naphthalene	45	ND	ND	ND	0.059 J
	Phenanthrene	1,830	ND	0.195 J	ND	0.143 J
	Pyrene	1,720	ND	0.328 J	0.035 J	0.168 J
Metals - EPA Method 6010	Aluminum	78,100	11,400	19,500	10,800	1,050
	Antimony	31.3	ND	ND	ND	2.77 J
	Arsenic	3.59	0.804	1.84	1.03	**8.32**
	Barium	15,600	159	444 J	185	23.1
	Beryllium	156	0.592	0.853	0.642	ND
	Cadmium	77.9	0.060 J	0.072 J	ND	4.28
	Calcium	N/A	15,000	21,800 J	19,500	1,570
	Chromium	113,000	4.21	5.07 J	4.51	11.9
	Cobalt	23[c]	2.89	5.42 J	3.43	0.606
	Copper	3,130	5.56	24.4 J	6.48	26.0
	Iron	54,800	9,410	27,800	9,580	2,350
	Lead	400	7.56	9.10 J	6.56	98.7
	Magnesium	N/A	3,900	13,300 J	3,960	212
	Manganese	10,700	295	610	343	16.3
	Mercury	7.71	0.019 J	0.021 J	0.012 J	0.377
	Nickel	1,560	ND	26.7 J	ND	ND
	Potassium	N/A	2,780	3,420	2,720	272 J
	Selenium	391	ND	ND	ND	1.52 J
	Sodium	N/A	76.1	3,450 J	131	272
	Silver	391	ND	ND	ND	0.933 J
	Thallium	5.16	0.056 J	0.149 J	0.215 J	ND
	Vanadium	391	10.7	16.6 J	12.3	3.28
	Zinc	23,500	22.1	24.6 J	16.1	6120

(wipe concentrations in mg/cm^2)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	Wipe	Wipe	Wipe
			B542WIPE04	B542WIPE06	B542WIPE07
			10/19/00	10/19/00	10/19/00
			Surface Sample	Surface Sample	Surface Sample
Explosives - EPA Method 8330	HMX	3,060	0.011	0.012	0.009

[a] Data referenced from PMC, 2002

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[c] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate

J – Estimated value below RL

Table 7-2 Summary of Reportable Explosives Concentrations in Groundwater, Western Workshop Areas, Fort Wingate Depot Activity [a] (concentrations in µg/L)

Chemical Class and Laboratory Method	Analyte	NMWQCC Standard[b]	EPA MCL[c]	TMW11	TMW11 FD	TMW15	TMW11	TMW11 FD	TMW15
				2/16/01	2/16/01	2/16/01	4/30/01	4/30/01	5/1/01
Explosives - Method 8330	RDX	N/A	N/A	0.260 J	0.290 J	ND	0.270 J	0.270 J	ND
	2,4-Dinitrotoluene	N/A	N/A	ND	ND	ND	ND	ND	0.180 J
	2,6-Dinitrotoluene	N/A	N/A	ND	ND	ND	ND	ND	ND
	Nitrobenzene	N/A	N/A	ND	ND	ND	ND	ND	ND
Water Quality Chemistry	Nitrate-N	10,000	10,000	690	690	1,800	720	700	1,600
	Nitrite-N by Calculation	N/A	1,000	ND	40 J	ND	200 J	200 J	200 J
	Fluoride	1,600	4,000	ND	ND	ND	1,800	1,600	ND

[a] Data referenced from PMC, 2002
[b] New Mexico Water Quality Control Commission Standard, if available
[c] EPA Drinking Water Maximum Contaminant Level, if available
N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Chemical Class and Laboratory Method	Analyte	NMWQCC Standard[b]	EPA MCL[c]	TMW14A	TMW16	TMW17	TMW18	TMW19
				5/2/01	5/3/2001	4/30/2001	5/1/2001	5/2/2001
Explosives - Method 8330	RDX	N/A	N/A	0.120 J	ND	ND	ND	ND
	2,4-Dinitrotoluene	N/A	N/A	ND	0.130 J	ND	0.140 J	0.100 J
	2,6-Dinitrotoluene	N/A	N/A	ND	ND	ND	0.24	ND
	Nitrobenzene	N/A	N/A	0.22	ND	ND	ND	ND
Water Quality Chemistry	Nitrate-N	10,000	10,000	ND	ND	ND	ND	ND
	Nitrite-N by Calculation	N/A	1,000	ND	ND	ND	ND	ND
	Fluoride	1,600	4,000	580	ND	1,900	ND	ND

[a] Data referenced from PMC, 2002
[b] New Mexico Water Quality Control Commission Standard, if available
[c] EPA Drinking Water Maximum Contaminant Level, if available
N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Table 7-3 Proposed RCRA Facility Investigation Sampling and Analyses for SWMU 11, Fort Wingate Depot Activity (1 of 2)

					Explosives	Perchlorate	VOCs	SVOCs	TPH-DRO	Metals
Method					8330B	6850	8260B	8270C	8015B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	Perchlorate	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Diesel Range Organics	RCRA Metals
Sample ID	Location	Sample Depth (feet bgs)	Sample Type	COC Comment						
0611-SB01-D-0506	SB01		Discrete		X	X	X	X	X	X
0611-SB01-D-0506 MS/MSD	SB01		Discrete	MS/MSD	X	X	X	X	X	X
0611-SB01-D-1011	SB01		Discrete		X	X	X	X		X
0611-SB01-D-1011-DUP	SB01		Discrete Dup		X	X	X	X		X
0611-SB01-D-1516	SB01		Discrete		X	X	X	X		X
0611-SB01-D-2021	SB01		Discrete		X	X	X	X		X
0611-SB01-D-6465	SB01		Discrete		X	X	X	X		X
0611-SB02-D-0506	SB02		Discrete		X	X	X	X	X	X
0611-SB02-D-1011	SB02		Discrete		X	X	X	X		X
0611-SB02-D-1516	SB02		Discrete		X	X	X	X		X
0611-SB02-D-2021	SB02		Discrete		X	X	X	X		X
0611-SB02-D-6465	SB02		Discrete		X	X	X	X		X
0611-SB03-D-0506	SB03		Discrete		X	X	X	X	X	X
0611-SB03-D-1011-DUP	SB03		Discrete Dup		X	X	X	X		X
0611-SB03-D-1011	SB03		Discrete		X	X	X	X		X
0611-SB03-D-1516	SB03		Discrete		X	X	X	X		X
0611-SB03-D-2021	SB03		Discrete		X	X	X	X		X
0611-SB03-D-6465	SB03		Discrete		X	X	X	X		X
0611-SB04-D-0506	SB04		Discrete		X	X	X	X	X	X
0611-SB04-D-1011	SB04		Discrete		X	X	X	X		X
0611-SB04-D-1516	SB04		Discrete		X	X	X	X		X
0611-SB04-D-2021	SB04		Discrete		X	X	X	X		X
0611-SB04-D-6465	SB04		Discrete		X	X	X	X		X
0611-SB05-D-0102	SB05		Discrete		X	X	X	X		X
0611-SB05-D-0506	SB05		Discrete		X	X	X	X		X
0611-SB05-D-1516	SB05		Discrete		X	X	X	X		X
0611-SB05-D-2021	SB05		Discrete		X	X	X	X		X
0611-SB05-D-6465	SB05		Discrete		X	X	X	X		X
0611-SB06-D-0102	SB06		Discrete		X	X	X	X		X
0611-SB06-D-0506	SB06		Discrete		X	X	X	X		X
0611-SB06-D-1516	SB06		Discrete		X	X	X	X		X
0611-SB06-D-2021	SB06		Discrete		X	X	X	X		X
0611-SB06-D-6465	SB06		Discrete		X	X	X	X		X
0611-SB07-D-0102	SB07		Discrete		X	X	X	X		X
0611-SB07-D-0506	SB07		Discrete		X	X	X	X		X
0611-SB07-D-1516	SB07		Discrete		X	X	X	X		X
0611-SB07-D-2021	SB07		Discrete		X	X	X	X		X
0611-SB07-D-6465	SB07		Discrete		X	X	X	X		X
0611-SB08-D-0102	SB08		Discrete		X	X	X	X		X
0611-SB08-D-0506	SB08		Discrete		X	X	X	X		X
0611-SB08-D-1516	SB08		Discrete		X	X	X	X		X
0611-SB08-D-2021	SB08		Discrete		X	X	X	X		X
0611-SB08-D-6465	SB08		Discrete		X	X	X	X		X

Table 7-3 Proposed RCRA Facility Investigation Sampling and Analyses for SWMU 11, Fort Wingate Depot Activity (2 of 2)

					Explosives	Perchlorate	VOCs	SVOCs	TPH-DRO	Metals
Method					8330B	6850	8260B	8270C	8015B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	Perchlorate	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Diesel Range Organics	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment						
0611-SB09-D-0001	SB09	0-1	Discrete*		X	X	X	X		X
0611-SB09-D-0001 MS/MSD	SB09	0-1	Discrete*	MS/MSD	X	X	X	X		X
0611-SB09-D-0405	SB09	4-5	Discrete		X	X	X	X		X
0611-SB09-D-0405-DUP	SB09	4-5	Discrete Dup		X	X	X	X		X
0611-SB10-D-0405	SB10	4-5	Discrete		X	X	X	X		X
0611-SB10-D-0910	SB10	9-10	Discrete		X	X	X	X		X
0611-SB10-D-6465	SB10	64-65	Discrete		X	X	X	X		X
0611-SB11-D-0405	SB11	4-5	Discrete		X	X	X	X		X
0611-SB11-D-0405-DUP	SB11	4-5	Discrete Dup		X	X	X	X		X
0611-SB11-D-0910	SB11	9-10	Discrete		X	X	X	X		X
0611-SB11-D-1920	SB11	19-20	Discrete		X	X	X	X		X
0611-SB11-D-6465	SB11	64-65	Discrete		X	X	X	X		X
0611-SB12-D-0001	SB12	0-1	Discrete*		X	X	X	X		X
0611-SB12-D-0001-DUP	SB12	0-1	Discrete Dup*		X	X	X	X		X
0611-SB12-D-0405	SB12	4-5	Discrete		X	X	X	X		X
0611-SB12-D-0910	SB12	9-10	Discrete		X	X	X	X		X
0611-SB12-D-6465	SB12	64-65	Discrete		X	X	X	X		X
0611-SB13-D-0405	SB13	4-5	Discrete		X	X	X	X		X
0611-SB13-D-0405-DUP	SB13	4-5	Discrete Dup		X	X	X	X		X
0611-SB13-D-0910	SB13	9-10	Discrete		X	X	X	X		X
0611-SB13-D-0910 MS/MSD	SB13	9-10	Discrete	MS/MSD	X	X	X	X		X
0611-SB13-D-1920	SB13	19-20	Discrete		X	X	X	X		X
0611-SB13-D-6465	SB13	64-65	Discrete		X	X	X	X		X
0611-TB01-D	SWMU 11	N/A	Discrete	Trip Blank			X			
0611-EB01-D	SWMU 11	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
0611-TB02-D	SWMU 11	N/A	Discrete	Trip Blank			X			
0611-EB02-D	SWMU 11	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)		X (rinsate)
Total Normal Samples					57	57	57	57	4	57
Total Duplicates					6	6	6	6	1	6
Total Equipment Blanks (Rinsate water sample)					2	2	2	2	1	2
Total Trip Blanks					0	0	2	0	0	0
Total MS/MSD Samples (lab counts each separately)					2	2	2	2	1	2
Total Soil Samples					67	67	67	67	7	67
Total Water Samples					2	2	4	2	1	2
Total Analyses					69	69	71	69	8	69

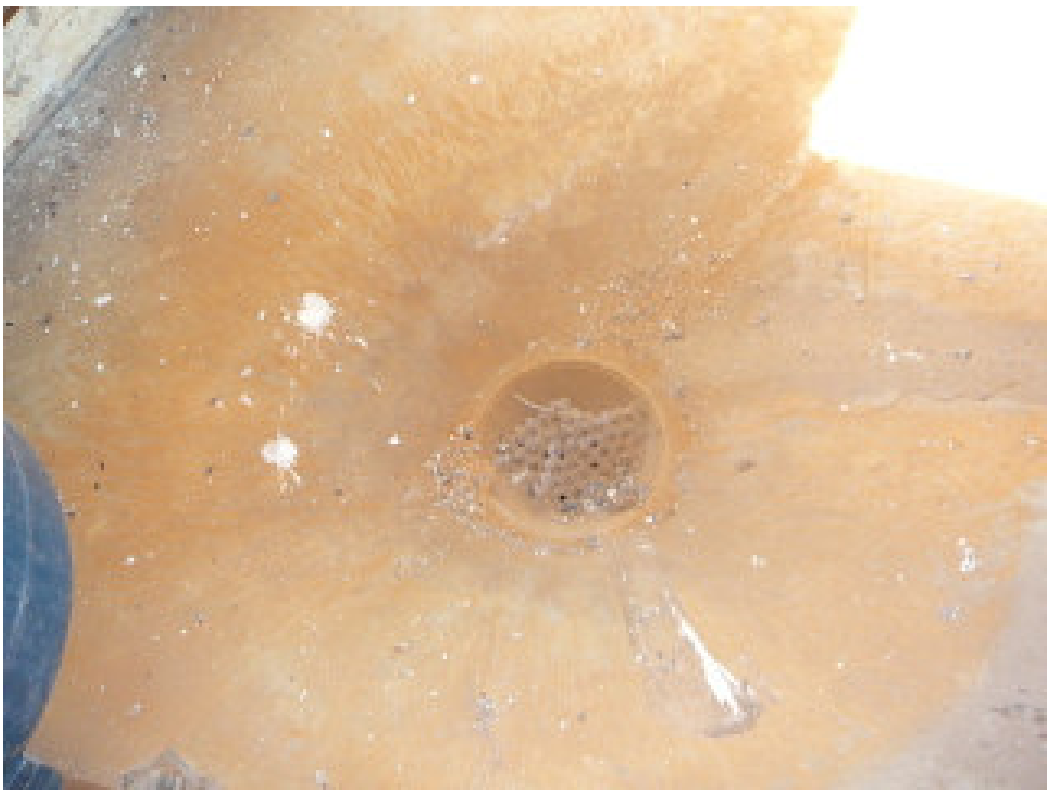
Notes

bgs - below ground surface
Discrete = discrete location sample
Dup = duplicate sample
Lab QC = Matrix spike/matrix spike duplicate sample set which will be **triple the normal sample volume**
* = Surface soil samples will muliti-incremental samples for explosives and discrete samples for all other constituents
MS/MSD = matrix spike/matrix spike duplicate

Photograph 7-1 Building 542, facing west, Fort Wingate Depot Activity

Photograph 7-2 Building 542, facing west, Fort Wingate Depot Activity

Photograph 7-3 Building 542, facing northeast, Fort Wingate Depot Activity



Photograph 7-4 Building 542 interior floor drain, Fort Wingate Depot Activity

Photograph 7-5 Building 542 interior, Fort Wingate Depot Activity

Photograph 7-6 Building 541, facing south, Fort Wingate Depot Activity

8.0 SWMU 20: Western Landfill

8.1 Background

8.1.1 Location, Description, and Operational History

The Western Landfill Area is an inactive burial site located approximately 0.5 mile west of the Administrative Area, southwest of the Sewage Treatment Plant and directly west of Building 23 as shown in Figures 8-1 and 8-2. Photographs 8-1 through 8-6, which are provided at the end of this section, show various views of the Western Landfill. The Western Landfill is predominantly located in Parcel 7, but is partially located in Parcel 6 and has therefore been included with the Parcel 6 investigation activities.

Based on review of historical aerial photography, the Western Landfill Area originally appeared to consist of four elongated areas or closed trenches defined by depressions and disturbed vegetation (ERM, 1997). Each area was approximately 100 feet in length and 50 feet in width, and generally oriented from north to south (ERM, 1997). A large mound of soil remained in the vicinity which is likely native soils resulting from trench excavation activities (ERM, 1997). Personnel previously stationed at the FWDA installation reported that the trenches were excavated shortly before the installation was closed in 1993, and nonhazardous materials (for example, trash, refuse, debris, etc.) were disposed of in the trenches (ERM, 1997). However, aerial photographs show historical operations at this location beginning prior to 1948. Three additional large disturbed areas were also located in proximity to the four trenches (ERM, 1997). Environmental restoration activities were completed at these seven areas in 2005 (USACE, 2005). All debris was removed from the trenches and soil confirmation sampling verified that all hazardous materials and contaminated soil were removed from the excavations. The trenches were backfilled with clean soil and the area has since been revegetated.

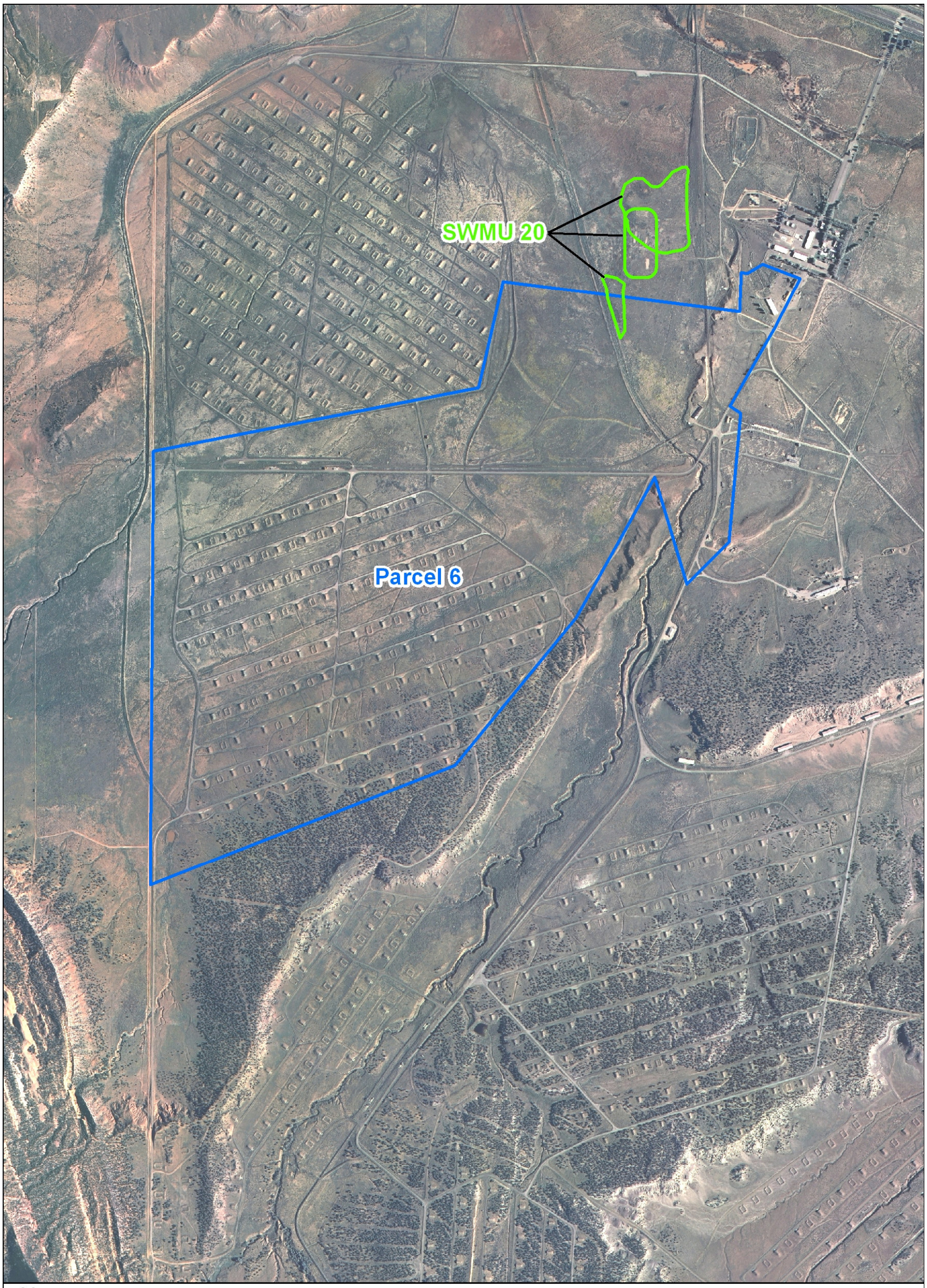
Previous interpretation of aerial photography also indicated that an area to the southwest of the Western Landfill may have had historic operations. This site is described as Feature 4 and is adjacent to the former location of a pre-World War II (WWII) magazine as shown in Figures 8-2 and 8-3. Feature 4 has not been previously investigated.

8.1.2 Surface Conditions

The SWMU 20 area is generally flat and the vegetation cover consists mostly of grass and sagebrush. SWMU 20 is immediately to the east of a regional drainage arroyo.

8.1.3 Subsurface Conditions

The SWMU 20 area is underlain by unconsolidated alluvium to depths of at least 15 feet bgs as determined during the landfill waste removal activities (USACE, 2005). No groundwater wells have been installed at SWMU 20, but the depth to groundwater in this area is estimated to be 60 to 70 feet bgs.



N

Legend

Parcel 6 Boundary

SWMU 20 Boundary

Equals 1,500 feet

Figure 8-1

SWMU 20 Location Map
Fort Wingate Depot Activity, New Mexico

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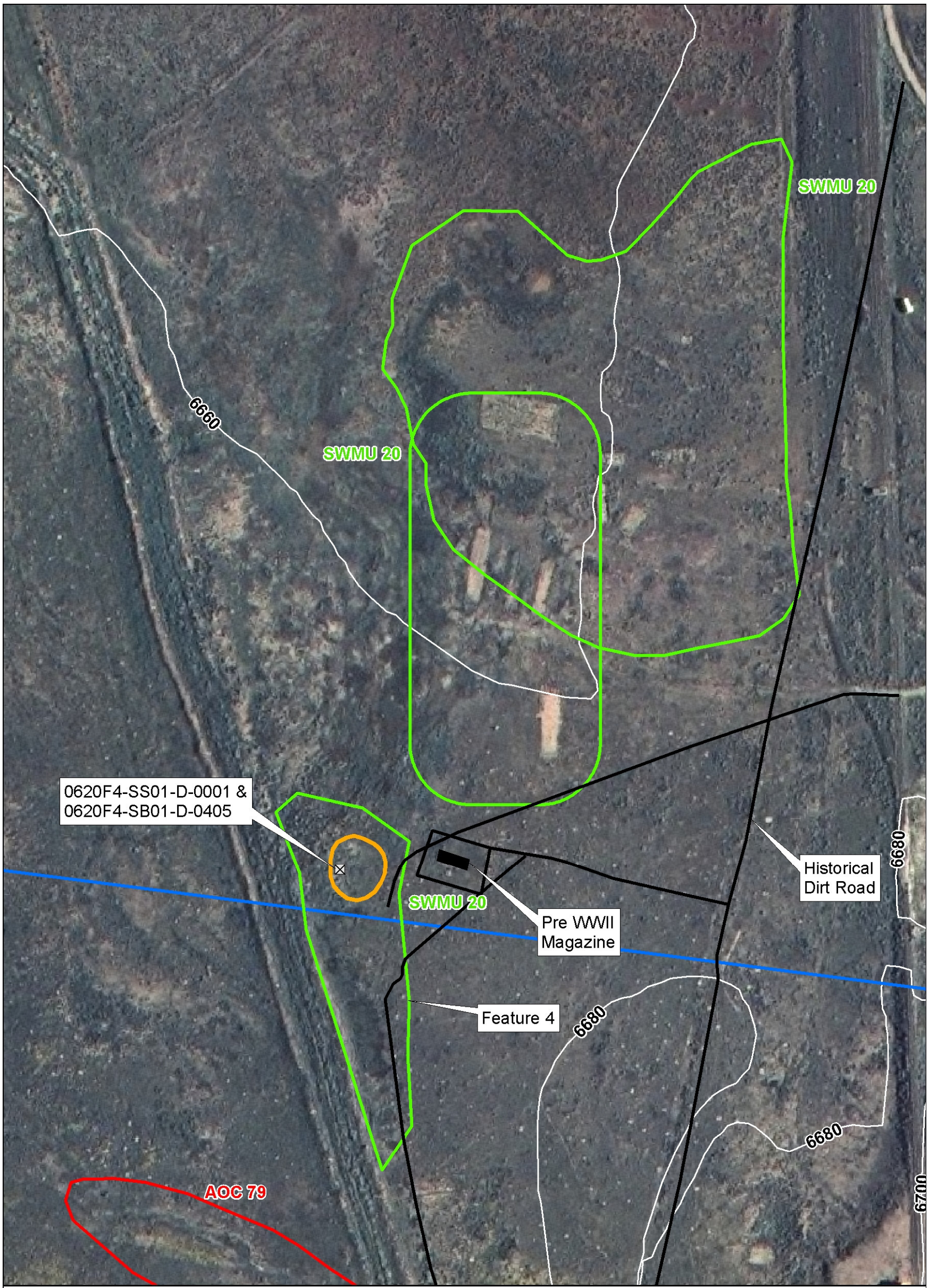
\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG8-1.MXD JQUAN 4/14/2010 09:38:17



N

Legend

- Proposed Sampling Location
- Disturbed Area
- SWMU Boundary
- AOC Boundary
- Parcel 6 Boundary

Equals 250 feet

Figure 8-2

2005 Aerial Photograph
SWMU 20
Fort Wingate Depot Activity, New Mexico

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\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG8-2.MXD JQUAN 4/23/2010 13:23:17

8.1.4 Waste Characteristics and Contaminants of Potential Concern

As determined from the 2001 removal activity, the waste encountered in the Western Landfill generally consisted of solid waste of the sort typically generated during the warehousing, packaging, and demilitarization of munitions, with a few exceptions. The primary types of waste included metal banding, various types of wood debris, plastic debris, electrical wiring, and construction and demolition debris. Minor amounts of glass, ash, automobile parts, and a few crushed metal and plastic containers were also present. Material described as unusual included 120 demilitarized projectiles and demolition debris thought to be associated with the Deactivation Furnace were found in trench DT4, several crushed drums were found in trench DT2, and several areas thought to be ash were encountered. There is no reason to expect a release at Feature 4 other than its proximity to the Western Landfill. Due to the items recovered and compounds detected in soil during excavation of the nearby Western Landfill, COPCs for Feature 4 include explosives, RCRA metals, VOCs, SVOCs, pesticides, and chlorinated herbicides.

8.2 Previous Investigations

8.2.1 Nonsampling Data

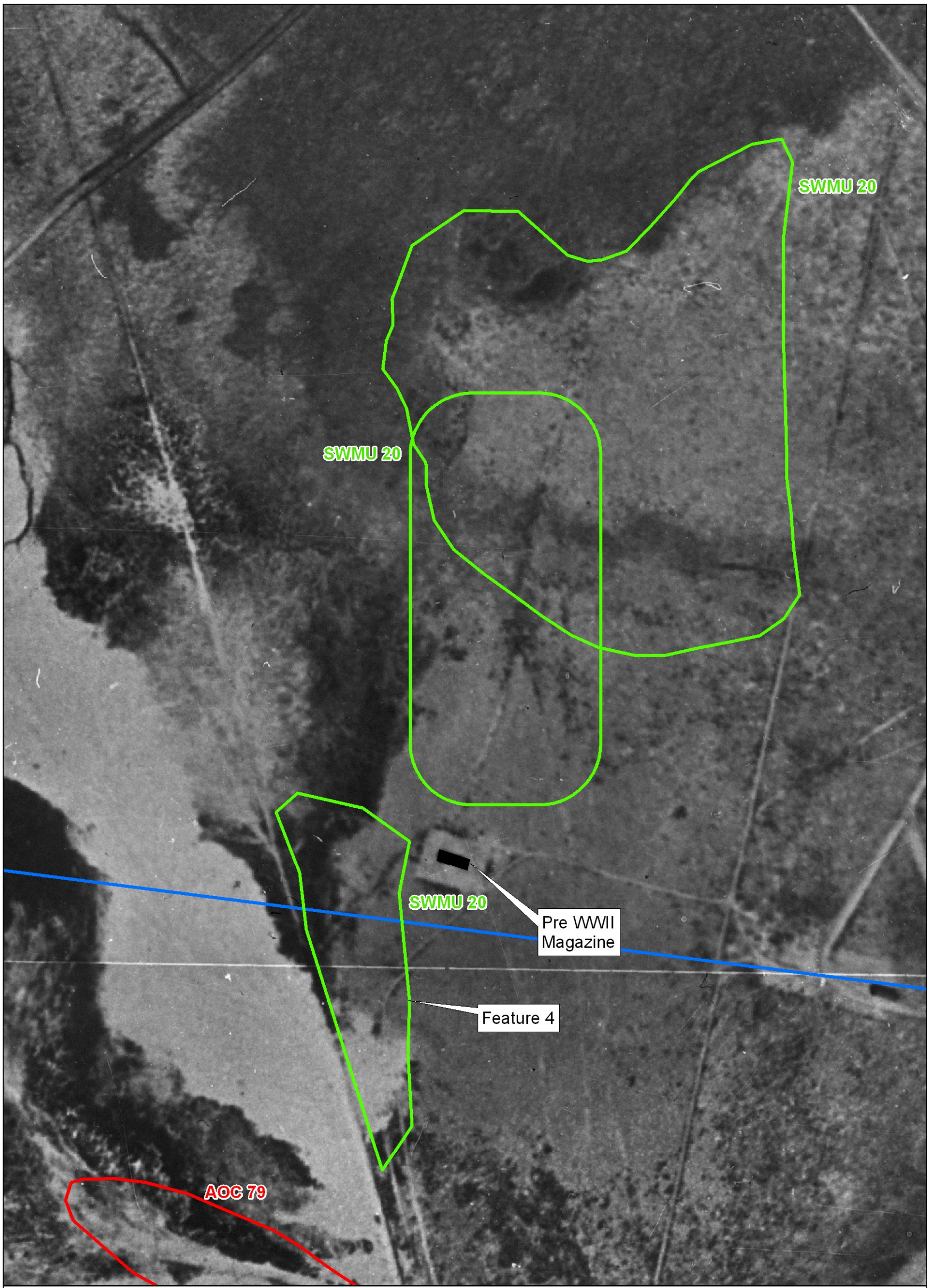
Nonsampling data available for SWMU 20 are summarized below.

Aerial Report; Environmental Research, Inc., 2006

Previous nonsampling data includes aerial imagery from 1935, 1948, 1952, 1958, 1962, 1966, 1973, 1978, 1985, 1991, 1993, and 1997 (ERI, 2006). The 1935 aerial photograph shows a pre-World War II (WWII) magazine located to the south of the Western Landfill and to the east of Feature 4, as well as dirt roads that lead to this area (Figure 8-3). Historical operations at SWMU 20 are first visible beginning with the 1948 aerial photo where an access road is shown leading to an area of dark-toned material and debris. This photo also shows a drainage feature that was constructed to channelize the arroyo to the west of this area. By 1948 the pre-WWII magazine had been removed. However, dirt roads are still present in this area and they lead to Feature 4, which is an area that may be disturbed ground or natural vegetation that is adjacent to the constructed drainage feature. Historical operations are present at SWMU 20 through the 1966 aerial photograph with signs of debris, ground scars, and trenching. However, historical operations or signs of an environmental release at Feature 4 were not specifically observed in any of the available aerial photographs.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within SWMU 20. However, the report includes background information relevant to the WWI magazines. A World War I (WWI) magazine was formerly located within SWMU 20 to the east of Feature 4. WWI magazines historically stored bulk explosives in boxes prior to WWII. The magazines were wood buildings with metal roofs and were approximately 20 feet by 50 feet in size. All WWI magazines were demolished prior to WWII to clear space for the current structures at FWDA.



N

Legend

- SWMU Boundary
- AOC Boundary
- Parcel 6 Boundary

Equals 250 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG8-3.MXD JQUAN 4/14/2010 09:53:31

Figure 8-3

1935 Aerial Photograph
SWMU 20
Fort Wingate Depot Activity, New Mexico

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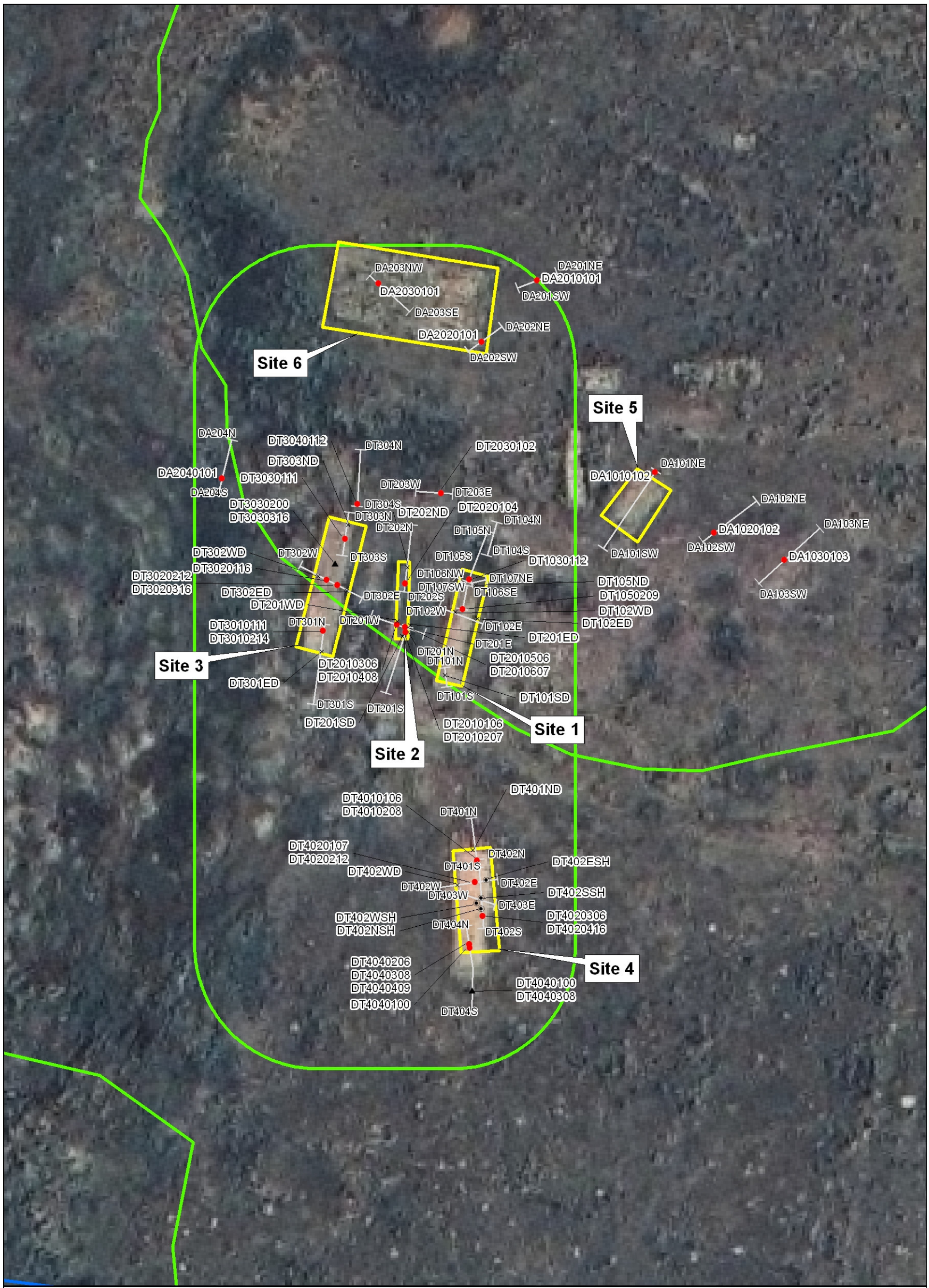
8.2.2 Sampling Data

Previous investigation phases have been completed at SWMU 20 and are summarized below. Available analytical data from previous investigations are summarized in Table 8-1 (provided at the end of this section). The samples designated as "Excavation Derived Waste" represent the composition of the waste that was removed; the samples designated as "Confirmation Samples" represent the existing material that remained in place after excavation. Figure 8-4 presents the locations of previous investigation activities.

Final Remedial Investigation/Feasibility Study & RCRA Corrective Action Program Document; ERM Program Management Company, 1997

Twenty-nine investigation trenches were completed in the four main trenches (DT1 to DT4) and three disturbed areas (DA1 to DA3) during the remedial investigation (RI) to determine the depth of the landfill. The investigation trenches penetrated the full thickness of wastes in the vertical and horizontal planes. Waste was encountered in all four disposal trenches and one of the disturbed ground areas. The waste encountered in the Western Landfill generally consisted of solid waste of the sort typically generated during the warehousing, packaging, and demilitarization of munitions, with a few exceptions. The primary types of waste included metal banding, various types of wood debris, plastic debris, electrical wiring, and construction and demolition debris. Minor amounts of glass, ash, automobile parts, and a few crushed metal and plastic containers were also present. Material described as unusual included 120 demilitarized projectiles and demolition debris thought to be associated with the Deactivation Furnace were found in trench DT4, several crushed drums were found in trench DT2, and several areas thought to be ash were encountered. The report does not indicate the specific locations where ash was found.

Generally, a cover of 1 to 7 feet of sandy silt to silty-clayey sand was observed over the disposal trenches. The maximum depth of waste ranged from approximately 7 to 14 feet bgs. During the RI, 15 waste and 16 soil samples were collected and analyzed for explosives, VOCs, SVOCs, pesticides, PCBs, metals, and nitrate/nitrite. Several SVOCs, three VOCs (bromomethane, 1,1,1-trichloroethane, and chlorobenzene), pesticides, and metals were detected at low concentrations exceeding background values of native soil. The report does not indicate a specific source for the final background values, only a description of a 1992 work plan that outlined the methodology for determination of the background values. Area DA3 was the only disturbed area found to contain significant amounts of waste: a layer of 5-inch rocket fins present from just below the ground surface to a depth of approximately 3 feet bgs. Investigation trenches were able to penetrate the full thickness of the wastes. The extent of contamination was believed to be limited to the visible waste and associated matrix and not to have impacted the native soil below the landfill. However, there is no indication in the report as to why the waste was not expected to have impacted the native soil.



N

Equals 125 feet

Legend

- Debris Location
- Geotechnical Soil Sample
- Shell Location
- Trench Soil Sample
- Trench Location
- Interpreted Waste Boundary
- SWMU Boundary
- Parcel 6 Boundary

Figure 8-4

Previous Investigation Areas
SWMU 20
Fort Wingate Depot Activity, New Mexico

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\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG8-4.MXD JQUAN 4/14/2010 10:10:17

Final Report Removal and Disposal of Western Landfill; USACE, 2005

In 2001, waste and debris were removed from the Western Landfill. Approximately 12,800 yd^3 of debris and soil were excavated and disposed of off site. No live munitions or explosives of concern (MEC) items were recovered during removal activities. Approximately 186 tons of MEC-related scrap and metal debris were recovered and recycled during these activities. No unexploded ordnance (UXO) was found in any of the landfill cells or at the site. Compounds detected in the excavated soil included several VOCs, SVOCs, pesticides, and chlorinated herbicides at concentrations below their respective NMED SSLs or EPA RSLs. Arsenic was detected at several locations with a maximum concentration of 9.9 mg/kg at Site 4, which is above the NMED SSL of 3.59 mg/kg. Additionally, benzo(a)pyrene was detected at Site 1 at a concentration of 0.68J mg/kg, which is above the NMED SSL of 0.481 mg/kg.

Following the excavation activities, confirmation soil samples were collected from the bottom of the excavations and the site was backfilled with clean soil, regraded, and revegetated. Post-excavation confirmation samples detected low or qualified concentrations of toluene and five chlorinated herbicide compounds, at concentrations below their applicable NMED SSLs or EPA RSLs.

Final Report on Airborne Geophysical Survey; Battelle, 2009

In January, 2009, a low-altitude airborne vertical magnetic gradient geophysical survey was conducted over the Fort Wingate Army Depot, New Mexico. The objective of the survey was to collect data over areas delineated by the United States Army Engineering Support Center to define the limits of UXO contamination with an emphasis on pits and trenches. The main survey area consisted of 1,650 acres; however, due to topography and vegetation, only 1,489 acres were actually surveyed. The typical survey altitude was 1 to 5 meters above ground level in the low, flat areas, and 5 to 10 meters above ground level in the valleys and rugged terrain areas.

The results of the airborne geophysical survey for SWMU 20 are shown in Figure 8-5.

8.2.3 Conceptual Model

8.2.3.1 Nature and Extent of Contamination

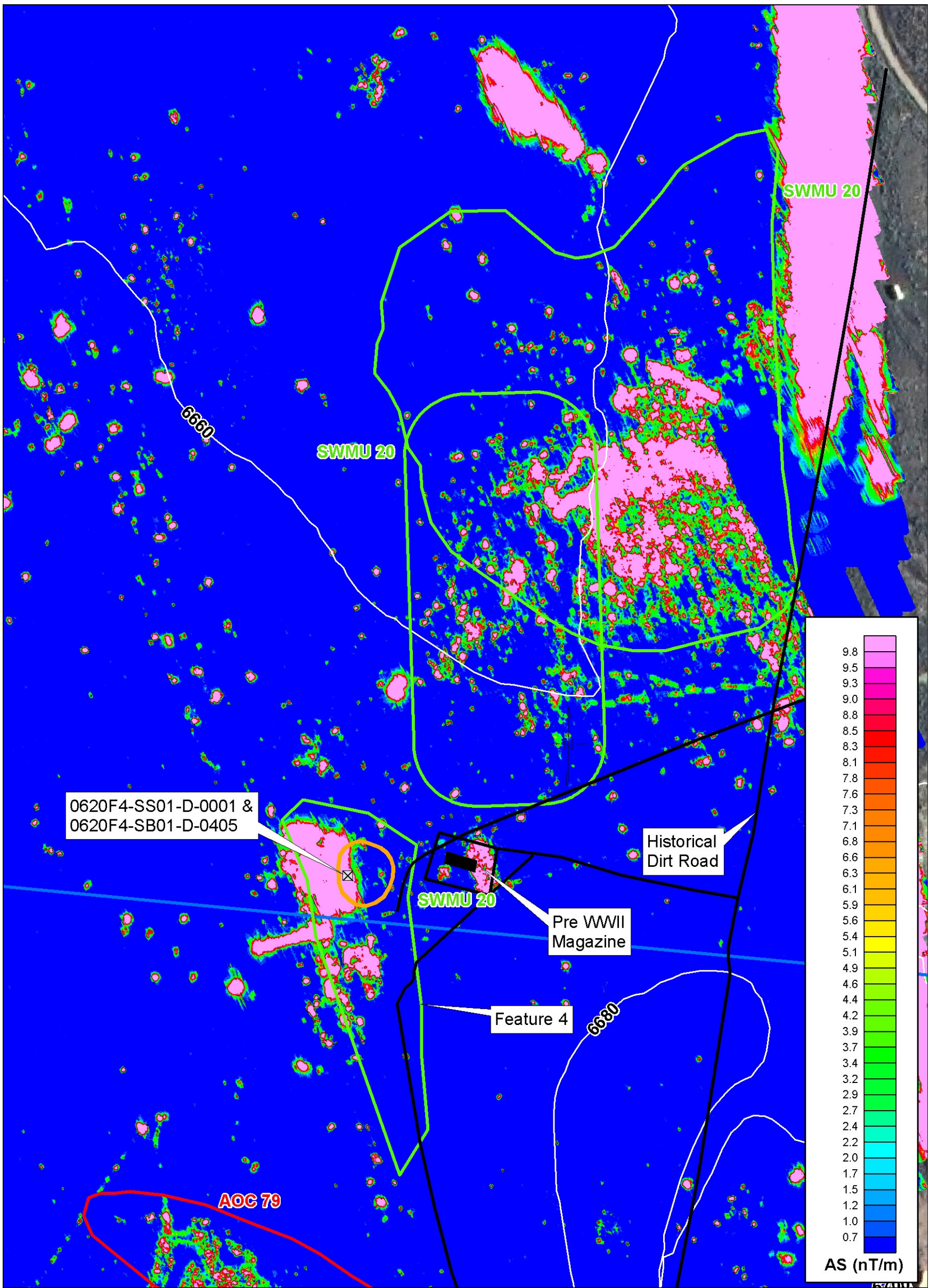
Based on review of the operational history of the Western Landfill, visual inspection of the site, and evaluation of available analytical data, the release of COPCs to the environment is limited to the former landfill trench locations that have since been excavated and removed (USACE, 2005). Post-excavation confirmation samples detected low or qualified concentrations of toluene and five chlorinated herbicide compounds, at concentrations below their applicable NMED SSLs or EPA RSLs. Based on previous investigations at SWMU 20, the COPCs for this site are explosives, RCRA metals, VOCs, SVOCs, pesticides, and chlorinated herbicides. Historical soil analytical data from the various investigation phases are presented in Table 8-1 (provided at the end of this section).The nature and extent of contamination has been defined and remediated at the Western Landfill. The nature and extent of potential soil contamination at Feature 4 to the southwest of the Western Landfill has not been evaluated.

8.2.3.2 Fate and Transport

If contamination is present at Feature 4 of SWMU 20, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

8.2.3.3 Data Gaps

No historic sampling data exist for Feature 4.



N

Legend

- Proposed Sampling Location
- Disturbed Area
- SWMU Boundary
- AOC Boundary
- Parcel 6 Boundary

Equals 250 feet

Figure 8-5

Airborne Geophysical Survey of
SWMU 20
Fort Wingate Depot Activity, New Mexico

CH2MHILL

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG8-5.MXD JQUAN 4/23/2010 11:30:35

8.3 Investigation Methods

8.3.1 Contaminant Source

The potential contaminant source associated with Feature 4 of SWMU 20 would be undocumented historical releases of hazardous substances to the surface or subsurface soils as a result of undocumented historical operations at this site.

8.3.2 Media Characterization

The presence of soil contamination at Feature 4 of SWMU 20 will be evaluated by collecting soil samples from one direct-push borehole in an area most likely to have been potentially impacted by historical operation. An aerial magnetometry survey was completed in January 2009. The magnetic anomalies associated with Feature 4 are shown on Figure 8-5.Since no subsurface disturbance was indicated in the historical aerial photographs, no burial activities are believed to have occurred at Feature 4. Therefore, the soil boring location was chosen based on evidence of historical surface disturbance identified in the historical aerial photographs and the magnetic anomaly at the northern end of Feature 4. The final soil boring location will be determined during the field investigation and will be located in an area believed to represent the area most likely to have been impacted by historical operations.

8.3.3 Quality Assurance/Quality Control

The QA/QC practices specified in the project QAPP (included as Appendix C) will be followed during all sampling activities.

8.4 Scope of Activities

The following field activities will be conducted during the RFI at Feature 4 of SWMU 20:

- Installation of one soil boring using direct-push drilling methods.
- Collection and analysis of surface and subsurface soil samples.

8.4.1 Borehole Installation and Soil Sampling

Soil sampling will be conducted to evaluate the potential presence of environmental impacts from potential undocumented historical operations at Feature 4 of SWMU 20. Due to the proximity of this site to the Western Landfill, the COPCs for the Western Landfill will be investigated at Feature 4.

Field activities will include the advancement of one soil boring at the site. An approximate borehole location is shown in Figure 8-2 although the final location will be selected to represent the location most likely to have been potentially impacted by historical operations at Feature 4. The location will be chosen during the field investigation as potential ground surface disturbances observed in the historical aerial photographs in the northern portion of Feature 4 are verified on the ground surface. A MI surface soil sample will be collected and analyzed for explosives (EPA Method 8330B) at the boring location. All other samples will be collected as discrete samples.

Once the location is selected, the boring will be advanced to 5 feet bgs with analytical samples collected at the 0- to 1-foot bgs and 4- to 5-feet bgs intervals. One subsurface soil boring will be advanced using a direct-push drilling method. This method will allow not only sample collection but

observation and description of the soil column at each location to allow visual identification of soil staining, lithology changes, etc., and collection of field measurements with a PID.

The sampling process will be completed as follows:

1. The drilling rods and sampling sleeve will be advanced to each depth interval to recover specified samples.
2. The recovered soil cores will be geologically logged and field-screened using a PID.
3. Discrete grab soil samples will be extracted from the appropriate depth intervals and placed into appropriate sample bottles as specified in the project QAPP (Appendix C).
4. Remaining soil shall be emptied from the sampling sleeves and contained in drums for appropriate sampling and disposal.
5. At the conclusion of drilling, the borehole will be abandoned by backfilling with hydrated bentonite chips.
6. The borehole location will be identified with a survey spike that incorporates colored flagging.

Table 8-2 (provided at the end of this section) summarizes the proposed soil sampling at SWMU 20. All samples will be analyzed for explosives (EPA Method 8330B); RCRA metals (EPA Method 6010B and Method 7471A); VOCs (EPA Method 8260B); SVOCs (EPA Method 8270C); pesticides (EPA Method 8081A); and chlorinated herbicides (EPA Method 8151). All samples will be analyzed in accordance with the project QAPP (Appendix C).

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (1 of 11)

Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DA1010102	DA1020102	DA1030103	DA2010101
				1/23/96	1/23/96	1/23/96	1/24/96
				Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	Phenol	0.052	18,300	0.09	0.2	0.11	ND
Metals - EPA Method 6010	Arsenic	2.5	3.59	ND	ND	ND	**3.99**
	Cadmium	1.2	77.9	ND	ND	ND	2.72
	Copper	2.84	3,130	ND	ND	ND	15.5
	Lead	0.467	400	ND	ND	ND	36
	Zinc	3.34	23,500	ND	48.2	ND	64.3
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DA2020101	DA2030101	DA3010101	DA3010207
				1/24/96	1/24/96	1/25/96	1/25/96
				Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	2-Methylnaphthalene	0.032	N/A	0.067	0.39	ND	ND
	Benzo(a)anthracene	0.041	4.81	0.55	ND	ND	ND
	Benzo(b)fluoranthene	0.31	4.81	1.4	ND	ND	ND
	Benzo(g,h,i)perylene	0.18	N/A	0.55	ND	ND	ND
	Benzo(k)fluoranthene	0.13	48.10	0.57	ND	ND	ND
	Chrysene	0.032	481	0.78	0.11	ND	ND
	Fluoranthene	0.032	2,290	0.28	0.058	ND	ND
	Phenanthrene	0.032	1,830	0.19	0.19	ND	ND
	Phenol	0.052	18,300	ND	ND	0.13	0.11
	Pyrene	0.083	1,720	0.5	0.16	ND	ND
Metals - EPA Method 6010	Arsenic	2.5	3.59	2.93	ND	**6.68**	ND
	Barium	3.29	15,600	ND	ND	798	ND
	Lead	0.467	400	ND	74	51	ND
	Zinc	2.34	23,500	ND	57	ND	ND
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DA2020101	DA2030101	DA3010101	DA3010207
				1/24/96	1/24/96	1/25/96	1/25/96
				Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	2-Methylnaphthalene	0.032	N/A	0.067	0.39	ND	ND
	Benzo(a)anthracene	0.041	4.81	0.55	ND	ND	ND
	Benzo(b)fluoranthene	0.31	4.81	1.4	ND	ND	ND
	Benzo(g,h,i)perylene	0.18	N/A	0.55	ND	ND	ND
	Benzo(k)fluoranthene	0.13	48.10	0.57	ND	ND	ND
	Chrysene	0.032	481	0.78	0.11	ND	ND
	Fluoranthene	0.032	2,290	0.28	0.058	ND	ND
	Phenanthrene	0.032	1,830	0.19	0.19	ND	ND
	Phenol	0.052	18,300	ND	ND	0.13	0.11
	Pyrene	0.083	1,720	0.5	0.16	ND	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (2 of 11)

Metals - EPA Method 6010	Arsenic	2.5	3.59	2.93	ND	**6.68**	ND
	Barium	3.29	15,600	ND	ND	798	ND
	Lead	0.467	400	ND	74	51	ND
	Zinc	2.34	23,500	ND	57	ND	ND
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DA3010301	DT1030112	DT1050209	DT2010106
				1/25/96	1/12/96	1/12/96	1/16/96
				Excavation	Excavation	Excavation	Excavation
VOCs - EPA Method 8260B	Bromomethane	0.26	22.3	ND	ND	ND	0.37
SVOCs - EPA Method 8270B	Acenaphthene	0.041	3,440	ND	0.15	ND	ND
	Fluoranthene	0.032	2,290	ND	0.16	ND	ND
	Phenanthrene	0.032	1,830	ND	0.34	ND	ND
	Phenol	0.052	18,300	0.089	ND	ND	ND
	Pyrene	0.083	1,720	ND	0.17	ND	ND
Miscellaneous	Nitrite, nitrate - nonspecific	1.0	7,820	ND	ND	33	ND
Metals - EPA Method 6010	Arsenic	2.5	3.59	ND	2.92	2.95	3.49
	Barium	3.29	15,600	ND	ND	ND	703
	Iron	6.66	54,800	38,100	ND	ND	ND
	Zinc	2.34	23,500	ND	ND	ND	50
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DT2010207	DT2010506	DT2010607	DT2020104-FD
				1/16/96	1/17/96	1/17/96	1/17/96
				Excavation	Excavation	Excavation	Excavation
Miscellaneous	Nitrite, nitrate - nonspecific	1	7,820	34	ND	ND	52
Metals - EPA Method 6010	Arsenic	2.5	3.59	3.54	ND	ND	ND
	Mercury	0.05	7.71	0.0591	ND	ND	ND
	Zinc	2.34	23,500	59.3	52.3	49.4	48.8
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DT2020104-FD	DT2020204	DT2030102	DT3020212
				1/17/96	1/17/96	1/17/96	1/19/96
				Excavation	Excavation	Excavation	Excavation
VOCs - EPA Method 8260B	1,1,1-Trichloroethane	0.2	21,800	ND	ND	0.43	ND
	Chlorobenzene/ Monochlorobenzene	0.1	508	ND	ND	0.22	ND
SVOCs - EPA Method 8270B	Benzo(a)anthracene	0.041	4.81	ND	ND	0.081	ND
	Chrysene	0.032	481	ND	ND	0.058	ND
	Fluoranthene	0.032	2,290	ND	ND	0.12	0.065
	Phenanthrene	0.032	1,830	ND	ND	0.16	0.066
	Pyrene	0.083	1,720	ND	ND	0.14	ND
Miscellaneous	Nitrite, nitrate - nonspecific	1	7,820	58	ND	ND	31
	Zinc	2.34	23,500	50.1	ND	ND	66.4

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (3 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Western Landfill			
				DT4010106	DT4010208	DT4020107	DT4020212
				1/22/96	1/22/96	1/22/96	1/22/96
				Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	Bis(2-ethylhexyl)phthalate	0.48	280	ND	ND	ND	6.7
	Phenol	0.052	18,300	0.22	0.26	0.18	0.13
Miscellaneous	Nitrite, nitrate - nonspecific	1	7,820	42	94	68	38
Metals - EPA Method 6010	Arsenic	2.5	3.59	**5.05**	ND	**3.73**	ND
	Lead	0.467	400	ND	17	ND	ND
	Zinc	2.34	23,500	ND	63.7	52.2	ND

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Western Landfill			
				DT4020306	DT4020416	DT4040206	DT4040409
				2/15/96	2/15/96	2/16/96	2/16/96
				Excavation	Excavation	Excavation	Excavation
Miscellaneous	Nitrite, nitrate - nonspecific	1	7,820	38	ND	70	66
Metals - EPA Method 6010	Arsenic	2.5	3.59	2.93	2.71	3	ND
	Lead	0.467	400	79	ND	18.9	ND

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples								
				Site 3	Site 3	Site 3	Site 3	Site 3	Site 3	Site 3	Site 3	Site 3
				CF071-III-01/ 100401/0+0	CF072-III-02/ 100401/0+25	CF073-III-03/ 100401/0+50	CF074-III-04/ 100401/0+75	FD076-III-06/ 100401	CF076-III-05/ 100501/0+100	CF077-III-06/ 100501/0+125	CF078-III-07/ 100501/0+150	CF079-III-08/ 100501/0+175
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	3,580	6,720	4,900	3,270	4,710	3,910	5,430	6,220	3,670
	Antimony	0.12	31.3	0.19B	0.16B	0.19B	ND	ND	0.17B	0.20B	0.22B	0.18B
	Arsenic	N/A	3.59	2.0	2.4	2.3	2.1	2.0	2.3	2.1	2.2	2.0
	Barium	N/A	15,600	193	293	161	145	185	157	183	201	112
	Beryllium	N/A	156	0.36	0.63	0.56	0.39	0.41	0.41	0.48	0.57	0.37
	Cadmium	0.093	77.9	0.039B	0.051B	0.058B	0.044B	0.047B	0.036	0.073B	0.099B	0.05
	Calcium	N/A	N/A	11,900	18,000	13,400	14,000	14,500	11,000	15,900	16,600	13,500
	Chromium	N/A	219	3.1	5.5	4.2	2.7	3.5	3.3	4.4	4.9	2.9
	Cobalt	N/A	23[d]	2.7	4.2	4.1	2.4	3.5	2.8	3.6	4.0	3.0
	Copper	N/A	3,130	3.2	6.2	5.6	3.0	3.4	3.4	4.1	5.6	3.2
	Iron	N/A	54,800	6,670	9,600	8,300	6,960	7,160	7,240	7,890	8,880	9,550
	Lead	N/A	400	5.0	8.0	6.8	5.3	5.5	5.5	6.4	7.4	5.3
	Magnesium	N/A	N/A	1,590	2,780	2,100	1,490	1,850	1,660	2,370	2,660	1,610
	Manganese	N/A	10,700	234	334	279	331	304	236	298	294	317
	Mercury	N/A	7.71	0.012B	0.034B	0.025B	0.012B	0.016B	0.016B	0.018B	0.018B	0.013B
	Nickel	N/A	1,560	3.9	6.8	5.7	4.1	4.5	4.5	5.5	6.2	4.1
	Potassium	N/A	N/A	565	986	723	492	706	618	848	1050	566
	Selenium	0.13	391	0.30B	0.41B	0.33B	0.18B	0.24B	0.24B	0.31	0.35B	0.38B
	Sodium	N/A	N/A	224	1090	836	197	368	166	370	452	175
	Vanadium	N/A	391	10.8	16.0	12.2	10.0	12.3	10.9	12.2	13.7	11.7
	Zinc	N/A	23,500	13.3	21.6	19.3	12.5	14.6	14.2	18.3	23.1	14.7

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (4 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples								
				Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6
				CF106-VI-03/ 101201/0+36	CF104-VI-01/ 101201/0+11N	CF105-VI-02/ 101201/0+11S	CF111-VI-05/ 101201/0+61N	CF112-VI-06/ 101201/0+61S	CF113-VI-07/ 101201/0+86N	CF114-VI-08/ 101201/0+86S	CF115-VI-09/ 101201/0+111N	CF116-VI-10/ 101201/0+115S
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	Benzo(a)anthracene	0.380	4.81	0.038J	ND	ND	ND	ND	ND	ND	ND	0.035
	Benzo(b)fluoranthene	0.380	4.81	0.061J	ND	ND	ND	ND	ND	0.037J	ND	0.061J
	Benzo(g,h,i)perylene	0.380	N/A	ND	ND	ND	ND	ND	ND	ND	ND	0.050J
	Benzo(a)fluoranthene	0.380	48.1	ND	ND	ND	ND	ND	ND	ND	ND	0.037
	Benzo(a)pyrene	0.380	0.481	0.037J	ND	ND	ND	ND	ND	ND	ND	0.048J
	Chrysene	0.380	481	0.047J	ND	ND	ND	ND	ND	ND	ND	0.048J
	Fluoranthene	0.380	2,290	0.036J	ND	ND	ND	ND	ND	ND	ND	ND
	Pyrene	0.380	1,720	0.044J	ND	ND	ND	ND	ND	ND	ND	0.048J
Metals - EPA Method 6010	Aluminum	N/A	78,100	5,430	5,340	5,200	4,360	5,920	5,460	6,180	5,810	5,830
	Antimony	0.12	31.3	0.33B	0.51B	0.45B	0.36B	0.42B	0.53B	0.43B	0.37B	0.66B
	Arsenic	N/A	3.59	2.3	2.3	2.3	1.9	2.2	2.3	2.6	2.4	2.7
	Barium	N/A	15,600	244	194	183	188	239	208	177	194	213
	Beryllium	N/A	156	0.36	0.42	0.35	0.3	0.46	0.40	0.61	0.42	0.66
	Cadmium	0.093	77.9	ND	0.061B	ND	ND	0.029B	ND	0.028B	0.031B	0.035B
	Calcium	N/A	N/A	19,000	24,300	15,000	17,100	21,300	18,800	21,500	17,100	20,700
	Chromium	N/A	219	4.3	4.3	4.2	3.5	4.5	4.3	4.6	4.6	4.5
	Cobalt	N/A	23[d]	3.4	3.3	3.4	2.9	3.7	3.5	4.1	3.6	3.8
	Copper	N/A	3,130	4.8	5.5	4.2	3.8	5.1	5.2	6.1	6.0	6.9
	Iron	N/A	54,800	7,050	6,970	7,180	5,760	6,830	6,840	6,880	7,100	8,200
	Lead	N/A	400	6.9	10.5	6.4	5.4	7.0	8.3	7.2	9.0	8.4
	Magnesium	N/A	N/A	2,520	2,420	2,280	1,980	2,910	2,430	2,450	2,540	2,410
	Manganese	N/A	10,700	239	401	250	186	253	248	230	273	318
	Mercury	N/A	7.71	0.0096B	0.013B	0.014B	0.011B	0.0097B	0.013B	0.013B	0.0094B	0.0099B
	Nickel	N/A	1,560	5.6	5.4	5.4	4.7	6.2	5.7	6.1	6.0	6.2
	Potassium	N/A	N/A	2,050	1,730	1,550	1,430	2,070	2,010	2,160	1,990	2,080
	Sodium	N/A	N/A	98.5B	166	62.8B	113	243	102B	273	98.9B	305
	Vanadium	N/A	391	12.4	12.7	11.9	9.9	12.7	12.2	17.7	12.6	15.9
	Zinc	N/A	23,500	17.8	18.3	17.3	14.0	18.0	19.0	19.0	19.9	19.3
Chlorinated Herbicides- EPA Method 8151A	2,4-DB (Butoxon)	0.012	490[d]	0.031J	0.0027J	0.0023J	ND	0.028J	ND	ND	ND	ND
	MCPP	2.100	61[d]	ND	ND	ND	1.100J	0.930J	1.300J	1.100J	1.100J	0.830J
	2,4,5-TP (Silvex)	0.0053	490[d]	ND	ND	ND	ND	ND	ND	0.0062	0.0014J	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (5 of 11)

Chemical Class and Laboratory Method	**Analyte**	**RL**[b]	**NMED Residential Soil SSL**[c]	Confirmation Samples								
				Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6
				CF118-VI-11/ 101501/0+136N	CF119-VI-12/ 101501/0+136S	CF120-VI-13/ 101501/0+161N	CF121-VI-14/ 101501/0+161S	FD122-08 101501	CF123-VI-15/ 101501/0+186N	CF124-VI-16/ 101501/0+186S	CF107-VI-04/ 101501/0+36S	FD108-07 101201
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	2-Methylnaphthalene	0.380	N/A	ND	ND	ND	ND	ND	ND	ND	0.039J	0.051J
	Benzo(a)anthracene	0.380	4.81	ND	ND	ND	ND	ND	ND	ND	0.084J	0.340J
	Benzo(b)fluoranthene	0.380	4.81	ND	ND	ND	ND	ND	ND	ND	0.160J	0.500
	Benzo(g,h,i)perylene	0.380	N/A	ND	ND	ND	ND	ND	ND	ND	0.097J	0.370
	Benzo(a)fluoranthene	0.380	N/A	ND	ND	ND	ND	ND	ND	ND	0.075J	0.270J
	Benzo(a)pyrene	0.380	0.48	ND	ND	ND	ND	ND	ND	ND	0.110J	0.43
	Chrysene	0.380	481	ND	ND	ND	ND	ND	ND	ND	0.110J	0.380
	Dibenzo(a,h)anthracene	0.380	N/A	ND	ND	ND	ND	ND	ND	ND	ND	0.052J
	Fluoranthene	0.380	2,290	ND	ND	ND	ND	ND	ND	ND	0.099J	0.460
	Ideno(1,2,3-CD)pyrene	0.380	4.81	ND	ND	ND	ND	ND	ND	ND	0.100J	0.390
	Phenanthrene	0.380	1,830	ND	ND	ND	ND	ND	ND	ND	0.63J	0.062J
	Pyrene	0.380	1,720	ND	ND	ND	ND	0.036J	ND	0.049J	0.120J	0.500
Pesticides - EPA Method 8081A	Beta-BHC	0.0018	2.7	ND	ND	ND	ND	0.003	ND	ND	0.0077	ND
	4,4-DDD	0.0018	20.3	ND	ND	ND	ND	ND	ND	ND	0.0052	ND
	4,4-DDT	0.0018	17.2	ND	0.0046	ND	0.0032J	0.0029J	0.0039	ND	0.0075	ND
	Endrin	0.0035	18.3	ND	ND	ND	ND	ND	ND	ND	0.0024J	ND
	Heptachlor	0.0018	0.871	ND	ND	ND	ND	ND	ND	ND	0.0029	ND
Chlorinated Herbicides- EPA Method 8151A	2,4-DB (Butoxon)	0.012	490[d]	ND	ND	ND	ND	ND	ND	ND	0.0034J	0.0038J
	Dichloroprop	0.013	N/A	ND	ND	ND	ND	0.0014J	ND	ND	0.00069J	ND
	MCPP	2.100	61[d]	ND	ND	ND	ND	ND	ND	ND	0.260J	ND
	MCPA	1.700	31[d]	ND	ND	0.096J	ND	ND	ND	ND	0.270J	ND
	2,4,5-T	0.0055	610[d]	0.0025J	0.0027J	0.0029J	0.0036J	0.003J	0.0028J	0.002J	0.0027J	ND

Chemical Class and Laboratory Method	**Analyte**	**RL**[b]	**NMED Residential Soil SSL**[c]	Confirmation Samples								
				Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6
				CF118-VI-11/ 101501/0+136N	CF119-VI-12/ 101501/0+136S	CF120-VI-13/ 101501/0+161N	CF121-VI-14/ 101501/0+161S	FD122-08 101501	CF123-VI-15/ 101501/0+186N	CF124-VI-16/ 101501/0+186S	CF107-VI-04/ 101501/0+36S	FD108-07 101201
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	5,990	5,490	5,890	6,420	6,110	5,110	6,060	6,210	4,690
	Antimony	0.12	31.3	0.15B	0.23B	0.18B	0.22B	0.20B	0.17B	0.28B	0.48B	0.48B
	Arsenic	N/A	3.59	2.1	2.7	2.1	2.4	2.4	2.0	2.4	2.2	2.3
	Barium	N/A	15,600	235	227	190	329	295	273	208	187	190
	Beryllium	N/A	156	0.47	0.46	0.43	0.49	0.47	0.37	0.5	0.75	0.42
	Cadmium	0.093	77.9	0.089B	0.089B	0.059B	0.070B	0.076B	0.055B	0.076B	0.11B	0.038B
	Calcium	N/A	N/A	19,900	19,400	13,800	22,500	20,300	20,500	18,000	19,700	21,300
	Chromium	N/A	219	4.6	4.5	4.6	4.9	4.7	4.0	4.7	4.9	3.7
	Cobalt	N/A	23[d]	3.8	3.6	3.4	4.1	4.1	3.3	3.6	3.6	3.2

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (6 of 11)

Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Confirmation Samples								
				Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6
				CF118-VI-11/ 101501/0+136N	CF119-VI-12/ 101501/0+136S	CF120-VI-13/ 101501/0+161N	CF121-VI-14/ 101501/0+161S	FD122-08 101501	CF123-VI-15/ 101501/0+186N	CF124-VI-16/ 101501/0+186S	CF107-VI-04/ 101501/0+36S	FD108-07 101201
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
	Cobalt	N/A	23[d]	3.8	3.6	3.4	4.1	4.1	3.3	3.6	3.6	3.2
	Copper	N/A	3,130	5.1	5.2	4.8	5.3	5.2	4.1	5.6	7.2	5.4
	Iron	N/A	54,800	7,620	8,100	7,860	8,170	8,200	6,800	7,790	7,210	6,170
	Lead	N/A	400	7.6	11.8	7.8	7.7	7.4	6.4	8.0	11.4	8.7
	Magnesium	N/A	N/A	2,640	2,480	2,490	3,020	2,810	2,510	2,540	2,540	2,080
	Manganese	N/A	10,700	253	258	251	263	296	236	254	237	256
	Mercury	N/A	7.71	0.013B	0.012B	0.011B	0.015B	0.013B	0.0097B	0.012B	0.0099B	0.014B
	Nickel	N/A	1,560	5.8	6.0	5.6	6.4	6.2	5.0	5.9	5.6	4.7
	Potassium	N/A	N/A	1,820	1,710	1,980	2,260	2,110	1,660	1,860	1,890	1,720
	Selenium	0.13	391	0.11B	0.18B	0.22B	0.21B	0.12B	ND	0.24B	0.35B	ND
	Sodium	N/A	N/A	142	206	59.7B	212	170	71.5B	149	221	213
	Vanadium	N/A	391	14.4	13.9	13.5	14.1	14.3	12.5	14.7	15.1	12.2
	Zinc	N/A	23,500	18.7	20.8	19.7	20.2	19.5	15.4	19.4	20.1	15.9

Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Confirmation Samples						
				Site 1	Site 1	Site 1	Site 1	Site 1	Site 1	Site 1
				CF040-I-01/ 082301/0+4	CF041-I-02/ 082301/0+29	CF042-I-03/ 082301/0+54	CF043-I-04/ 082301/0+79	CF047-I-05/ 082301/0+104	CF048-I-05/ 082301/0+129	FD044-04/ 82301
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	5,610	6,480	4,710	7,480	6,360	4,330	6,890
	Antimony	0.12	31.3	ND	ND	ND	0.17B	0.17	0.13B	0.20B
	Arsenic	N/A	3.59	1.8	1.8	1.7	2.2	2.3	1.6	2.1
	Barium	N/A	15,600	216	244	292	255	219	218	255
	Beryllium	N/A	156	0.48	0.55	0.43	0.70	0.67	0.45	0.63
	Cadmium	0.093	77.9	0.068B	0.052B	0.069B	0.073B	0.22B	ND	0.066B
	Calcium	N/A	N/A	19,700	17,900	13,900	18,600	20,900	13,300	19,400
	Chromium	N/A	219	3.5	3.8	3	4.7	4.9	3.0	4.7
	Cobalt	N/A	23[d]	3.4	3.7	3.2	4.8	4.1	2.9	4.1
	Copper	N/A	3,130	5.4	5.5	5.1	7.6	6.7	3.6	6.8
	Iron	N/A	54,800	4,950	5,330	4,850	6,530	5,660	4,300	6,060
	Lead	N/A	400	6.9	6.6	5.8	8.3	8.2	5.2	8.3
	Magnesium	N/A	N/A	2,520	2,790	2,050	3,150	4,970	1,950	3,000
	Manganese	N/A	10,700	270	291	229	316	315	232	313
	Mercury	N/A	7.71	0.013B	0.016B	0.017B	0.036B	0.026B	0.12B	0.020B
	Nickel	N/A	1,560	5.1	5.7	4.8	6.8	6.3	4.2	6.5
	Potassium	N/A	N/A	1,330	1,160	828	1,470	1,400	943	1,400
	Selenium	0.13	391	ND	0.14B	0.15B	ND	0.39B	0.29B	0.24B
	Sodium	N/A	N/A	260	210	152	284	430	198	279
	Vanadium	N/A	391	11.1	11.8	10.4	13.6	12.4	10.3	12.8
	Zinc	N/A	23,500	32.7	20.5	22.4	29.6	32.5	19.0	32.6
Chlorinated Herbicides- EPA Method 8151A	2,4-DB (Butoxon)	0.012	490[d]	ND	ND	0.00079J	ND	ND	ND	ND
	Dichloroprop	0.0012	N/A	ND	ND	ND	0.0074J	ND	ND	ND
	MCPP	2.100	61[d]	ND	ND	0.69J	ND	ND	ND	1.8J

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (7 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples					
				Site 2	Site 2	Site 2	Site 2	Site 2	Site 2
				CF080-II-01/ 100501/0+6 101101	CF081-II-02/ 100501/0+31 101101	FD083-06/ 100501 101101	CF082-II-03/ 100501/0+56	CF087-II-04/ 100501/0+81	CF088-II-05/ 100501/0+106
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	10,200	5,710	8,650	8,970	11,000	8,030
	Antimony	0	31.3	0.17B	0.20B	0.18B	ND	0.29B	0.25B
	Arsenic	N/A	3.59	2.7	2.1	2.6	3.4	3.2	2.3
	Barium	N/A	15,600	266	198	270	140	345	246
	Beryllium	N/A	156	0.80	0.52	0.69	0.82	0.90	0.65
	Cadmium	0	77.9	0.092	0.053B	0.077B	0.12B	0.11B	0.082B
	Calcium	N/A	N/A	19,400	14,400	17,800	27,200	23,900	18,500
	Chromium	N/A	219	7.6	4.5	6.5	7.2	8.6	6.1
	Cobalt	N/A	23[d]	5.4	3.7	4.7	6.1	6.2	4.3
	Copper	N/A	3,130	7.8	4.6	6.5	10.3	10.5	6.4
	Iron	N/A	54,800	12,000	8,380	10,500	12,400	13,700	10,100
	Lead	N/A	400	9.6	6.5	8.5	10.4	11.2	8.3
	Magnesium	N/A	N/A	4,020	2,510	3,630	3,750	4,200	3,400
	Manganese	N/A	10,700	380	274	320	351	354	322
	Mercury	N/A	7.71	0.020B	0.017B	0.018B	0.032B	0.041B	0.027B
	Nickel	N/A	1,560	8.7	5.6	7.7	8.8	9.5	7.2
	Potassium	N/A	N/A	1,780	1,020	1,800	1,790	2,230	1,550
	Selenium	0	391	0.36B	0.25B	0.39B	0.33B	0.56B	0.51B
	Sodium	N/A	N/A	486	189	224	300	466	387
	Vanadium	N/A	391	19.5	13.0	16.8	19.2	21.4	16.2
	Zinc	N/A	23,500	27.6	17.4	24.2	30.9	34.7	22.4
Chlorinated Herbicides- EPA Method 8151A	2,4-D	0	690[d]	ND	ND	ND	ND	ND	0.0015J
	2,4-DB (Butoxon)	0	490[d]	ND	0.015	ND	ND	0.013	ND
	Dichloroprop	0	N/A	ND	0.0037	ND	ND	ND	ND
	MCPP	2	61[d]	ND	ND	ND	ND	1.9J	1.5J
	2,4,5-T	0	610[d]	ND	ND	0.0014JB	ND	ND	ND

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples					
				Site 5	Site 5	Site 5	Site 7	Site 7	Site 7
				CF066-V-01/ 082301/0+10	CF06-V-02/ 082301/0+35	CF067-V-03/ 082301/0+60	CF091-VII-01/ 100401/0+10	CF092-VII-02/ 100401/0+35	CF093-VII-03/ 100401/0+60
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
VOCs - EPA Method 8260B	Toluene	0.004	5,570	ND	0.05	ND	ND	ND	ND
Metals - EPA Method 6010	Aluminum	N/A	78,100	3,050	3,680	5,120	6,830	4,440	3,770
	Antimony	0.12	31.3	0.18B	0.15B	0.15B	0.18B	0.20B	ND
	Arsenic	N/A	3.59	1.3	1.1	1.6	1.9	1.6	1.8
	Barium	N/A	15,600	230	213	277	201	153	152
	Beryllium	N/A	156	0.28	0.31	0.46	0.53	0.36	0.33
	Cadmium	0.093	77.9	0.069B	0.035B	0.073B	0.058B	ND	0.095B
	Calcium	N/A	N/A	33,100	18,100	22,400	18,400	18,300	35,900
	Chromium	N/A	219	1.9	2.2	3.0	5.6	5.5	3.4
	Cobalt	N/A	23[d]	2.0	2.2	3.3	3.7	2.5	2.2
	Copper	N/A	3,130	2.7	3.0	4.5	5.1	3.5	3.3
	Iron	N/A	54,800	3,590	3,150	4,800	8,100	6,300	6,210
	Lead	N/A	400	4.4	4.4	6.1	7.0	5.7	5.1
	Magnesium	N/A	N/A	1,560	1,830	2,310	2,840	1,900	1,790
	Manganese	N/A	10,700	353	240	340	307	253	365
	Mercury	N/A	7.71	0.0079B	0.0084B	0.0095B	0.014B	0.014B	0.013B
	Nickel	N/A	1,560	2.9	3.4	4.8	6.2	4.1	3.8
	Potassium	N/A	N/A	1,070	1,200	1,460	1,070	909	1,190
	Selenium	0.13	391	0.16B	0.20B	0.095B	0.27B	ND	0.12B
	Sodium	N/A	N/A	75.5B	105	160	196	95.5B	266
	Vanadium	N/A	391	8.4	7.5	11.7	14.1	11.8	10.0
	Zinc	N/A	23,500	11.5	11.7	17.7	18.7	17.5	12.1
Chlorinated Herbicides- EPA Method 8151A	2,4-D	0.0065	690[d]	ND	ND	ND	0.0016J	ND	ND
	Dichloroprop	0.013	N/A	ND	ND	ND	ND	ND	0.0028J
	2,4,5-T	0.0055	610[d]	ND	ND	ND	0.003J	0.0037J	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (8 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Excavation Derived Waste Samples						
				Site 1	Site 1	Site 1	Site 1	Site 1	Site 1	Site 2
				EDW012-I-3/ 062001/0-100	EDW016-I-04/ 062101/100-200	FD 015 02 062101	EDW033-I-05/ 022701/200-800	EDW034-I-05/ 072601/800-1200	EDW035-I-07/ 072601/1200-200	EDW049-II-01/ 080901/0-250
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
VOCs - EPA Method 8260B	Methylene Chloride	0.008	199	ND	ND	ND	0.041	0.027	ND	ND
SVOCs - EPA Method 8270B	Acenaphthene	0.380	3,440	ND	0.17J	0.08J	0.24J	ND	0.071J	ND
	Anthracene	0.380	1,720	ND	0.430	0.073J	0.78	ND	0.14J	ND
	Benzo(a)anthracene	0.380	4.81	0.096J	0.67	0.13J	0.90	0.10J	0.20J	ND
	Benzo(b)fluoranthene	0.380	4.81	ND	0.37	0.11J	0.86	0.16J	0.17J	ND
	Benzo(g,h,i)perylene	0.380	N/A	ND	ND	0.074J	0.31J	0.11J	0.056J	ND
	Benzo(a)fluoranthene	0.380	N/A	ND	0.34J	0.087J	0.31J	0.11J	0.075J	ND
	Benzo(a)pyrene	0.380	0.481	ND	0.32J	0.082J	**0.68J**	0.13J	0.096J	ND
	Bis(2-ethylhexyl)phthalate	0.380	280	ND	ND	ND	0.18J	ND	ND	ND
	Carbazole	0.380	N/A	ND	0.13J	0.037J	0.26J	ND	ND	ND
	Chrysene	0.380	481	0.140J	0.79	0.16J	0.87	0.15J	0.23J	ND
	Dibenzo(a,h)anthracene	0.380	N/A	ND	0.058J	ND	0.0098J	ND	ND	ND
	Dibenzofuran	0.380	78[d]	ND	0.12J	0.052J	0.25J	ND	0.043J	ND
	Di-n-butyl Phthalate	0.380	6,110	ND	0.026J	ND	ND	ND	ND	ND
	Fluoranthene	0.380	2,290	0.25J	2.5B	0.39B	2.0	0.229J	0.8	ND
	Fluorene	0.380	2,290	ND	0.21	0.081J	0.34J	ND	0.081J	ND
	Ideno(1,2,3-CD)pyrene	0.380	4.81	ND	0.22J	0.083J	0.42J	0.12J	0.065J	ND
	Naphthalene	0.380	45	ND	ND	ND	0.19J	ND	ND	ND
	Phenanthrene	0.380	1,830	0.17J	1.1B	0.4B	2.7	0.13J	0.65	ND
	Pyrene	0.380	1,720	0.35J	2.4B	0.36JB	2.1	0.35J	0.73	ND
TRPH- EPA Method 418.1	Total Petroleum Hydrocarbons	N/A	N/A	254	78	83	243	111	147	10.1B
Pesticides - EPA Method 8081A	Delta-BHC	0.0018	N/A	ND	ND	ND	0.0029	ND	ND	ND
	Gamma-BHC	0.0018	4.64	ND	ND	ND	ND	ND	0.0045	ND
	4,4-DDD	0.0018	16.3	ND	ND	ND	ND	0.0043	ND	ND
	4,4-DDE	0.0018	11.5	ND	ND	ND	ND	ND	0.0073	ND
	4,4-DDT	0.0018	15.8	ND	ND	ND	0.02	0.022	ND	ND
	Endosulfan I	0.0037	367	ND	ND	ND	ND	ND	0.0047	ND
	Endosulfan Sulfate	0.0037	N/A	ND	ND	ND	0.0055	0.0054	ND	ND
	Endrin Aldehyde	0.0037	N/A	ND	ND	ND	ND	ND	0.008	ND
	Methoxychlor	0.0018	310[d]	ND	ND	ND	0.0075J	0.018J	ND	ND
	Endrin Ketone	0.0037	N/A	ND	ND	ND	0.00085J	ND	0.011	ND
	Heptachlor	0.0018	0.871	ND	ND	ND	ND	ND	0.0074	ND
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Excavation Derived Waste Samples						
				Site 1	Site 1	Site 1	Site 1	Site 1	Site 1	Site 2
				EDW012-I-3/ 062001/0-100	EDW016-I-04/ 062101/100-200	FD 015 02 062101	EDW033-I-05/ 022701/200-800	EDW034-I-05/ 072601/800-1200	EDW035-I-07/ 072601/1200-200	EDW049-II-01/ 080901/0-250
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Arsenic	N/A	3.59	2.4	2.3	2.7	1.9	1.8	1.7	1.8
	Barium	N/A	15,600	204	205	239	232	215	196	179
	Cadmium	0.093	77.9	0.21B	0.12B	0.20B	0.51	0.38	0.34	0.24B
	Chromium	N/A	219	9.9	7.8	8.2	8.1E	5.4E	4.2	3.1E
	Lead	N/A	400	17.4	14.5	24.0	18.1	20.2E	16.7	20.3E
	Mercury	N/A	7.71	0.021B	0.015B	0.012B	0.12	0.017B	0.029B	0.014B
	Selenium	0.13	391	0.24B	0.19B	0.23B	ND	ND	ND	ND
PCBs- EPA Method 8082	Aroclor 1016	0.035	3.93	ND	0.068	0.054	ND	ND	0.19	ND
	Aroclor 1260	0.035	1.70	0.015J	ND	ND	0.02J	ND	ND	ND
Chlorinated Herbicides- EPA Method 8151A	2,4-DB (Butoxon)	0.012	490[d]	NA	NA	NA	0.031	ND	0.012	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (9 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Excavation Derived Waste Samples							
				Site 3	Site 3	Site 3	Site 3	Site 3	Site 3	Site 3	Site 3
				EDW057-III-01/ 080901/0-250	EDW058-III-02/ 080901/250-500	EDW06-III-03/ 080901/500-750	EDW064-III-04/ 082101/750-1000	EDW065-III-05/ 082101/1000-1250	EDW066-III-06/ 091001/1250-1500	EDW067-III-07/ 091001/1500-1750	EDW068-III-08/ 091001/1750-2000
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	2,4-Dinitrotoluene	0.380	12.6	1.12	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	0.380	61.2	0.053J	ND	ND	ND	ND	ND	ND	ND
	n-Nitrosodiphenylamine	0.380	800	0.041J	ND	ND	ND	ND	ND	ND	ND
TRPH- EPA Method 418.1	Total Petroleum Hydrocarbons	N/A	N/A	8.6B	12.9	15.7	17.7	31.3	51.2	26.9	24.3
Metals - EPA Method 6010	Arsenic	N/A	3.59	1.9	1.8	2.0	2.1	2.0	2.0	1.9	2.1
	Barium	N/A	15,600	191	165	193	233E	223	234	219	227
	Cadmium	0.093	77.9	0.24B	0.24B	0.23B	0.73	ND	ND	ND	ND
	Chromium	N/A	219	3.5	2.7E	3.0E	4.5E	5.3E	5.6E	4.9E	5.1E
	Lead	N/A	400	6.9E	19.6E	6.6E	8.3E	7.5E	8.0E	7E	7.4E
	Mercury	N/A	7.71	ND	0.024B	0.019B	0.018B	0.033B	0.023B	0.025B	0.027B
	Selenium	0.13	391	ND	ND	ND	0.59B	0.29B	ND	0.17B	0.17B
	Silver	0.085	391	ND	ND	ND	0.24B	ND	ND	ND	ND
Pesticides - EPA Method 8081A	4,4-DDT	0.0018	15.8	ND	ND	ND	ND	ND	0.0041	ND	0.021
Chlorinated Herbicides- EPA Method 8151A	2,4-D	0.0065	690[d]	ND	ND	ND	0.028	0.0026J	0.003J	ND	0.0029J
	2,4-DB (Butoxon)	0.012	490[d]	ND	ND	ND	0.011J	ND	ND	ND	ND
	Dicamba	0.0053	1,800[d]	ND	ND	ND	0.0059J	ND	ND	ND	ND
	Dichloroprop	0.013	N/A	ND	ND	ND	ND	0.0052J	0.0085J	0.008J	0.0085J
	MCPA	1.700	31[d]	ND	ND	ND	ND	0.200J	0.240J	ND	ND

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Excavation Derived Waste Samples							
				Site 4	Site 4	Site 4	Site 4	Site 4	Site 4	Site 5	Site 5
				EDW022-IV-01/ 062601/0-100	EDW023-IV-02/ 062601/100-200	EDW036-IV-03/ 072601/200-400	EDW037-IV-04/ 072601/400-800	EDW038-IV-05/ 072701/800-1500	EDW039-IV-06/ 072701/1500-2500	EDW062-V-01/ 0801/0-300	EDW063-V-02/ 0801/301-600
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
VOCs - EPA Method 8260B	Methylene Chloride	0.008	199	ND	ND	0.025	0.038	0.017	ND	ND	ND
SVOCs - EPA Method 8270B	Benzo(g,h,i)perylene	0.380	N/A	ND	ND	ND	ND	ND	0.037J	ND	ND
	Fluoranthene	0.380	2,290	ND	ND	ND	ND	0.07J	ND	ND	ND
	Pyrene	0.380	1,720	ND	ND	ND	ND	0.076J	0.04J	ND	ND
TRPH- EPA Method 418.1	Total Petroleum Hydrocarbons	N/A	N/A	41.6	33.7	12.5	25.5	27.1	198	30.8	23.0
Metals - EPA Method 6010	Arsenic	N/A	3.59	2.6	2.8	**4.0**	**4.7**	**9.7**	**9.9**	2.3	2.6
	Barium	N/A	15,600	217E	244	239	194	208	198	261E	278E
	Cadmium	0.093	77.9	0.33B	0.026B	0.41	0.40	0.45	0.29	0.41	0.47
	Chromium	N/A	219	7.6E	8.7	6.0E	4.5E	6.9E	4.8E	5.6	5.2E
	Lead	N/A	400	8.5E	9.5E	8.5E	9.1E	37.8E	7.3E	8.9E	9.9E
	Mercury	N/A	7.71	ND	0.012B	0.016B	0.018B	0.037	0.015B	0.0085B	0.0090B
	Selenium	0.13	391	ND	0.23B	ND	ND	ND	ND	ND	ND
Pesticides - EPA Method 8081A	4,4-DDT	0.0018	15.8	ND	ND	ND	ND	0.01	0.0038	0.0085	0.01
PCBs- EPA Method 8082	Aroclor 1260	N/A	1.70	ND	ND	ND	ND	0.032	ND	ND	ND
Chlorinated Herbicides- EPAMethod 8151A	2,4-D	0.0065	690[d]	0.019	ND	0.015	ND	0.013	0.013	ND	0.0034J
	Dalapon	0.011	2,400[d]	ND	ND	ND	ND	ND	ND	0.046	ND
	Dicamba	0.0053	1,800[d]	ND	0.0031J	ND	ND	ND	0.0054J	ND	ND
	Dichloroprop	0.013	N/A	0.003J	0.0045J	0.0046J	0.0069J	0.0061J	0.0072J	ND	0.0052J
	MCPP	2.100	61[d]	ND	ND	ND	ND	ND	1.4J	8	ND
	2,4,5-T	0.0055	610[d]	ND	ND	0.0048J	ND	ND	ND	ND	0.0032J
	2,4,5-TP (Silvex)	0.0053	490[d]	0.0016J	0.0013J	ND	0.003J	ND	0.0028	ND	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (10 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Excavation Derived Waste Samples							
				Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 7	Site 7
				EDW097-VI-01/ 100901/0-250	EDW098-VI-02/ 101001/250-500	EDW099-VI-03/ 101001/500-750	EDW100-VI-04/ 101001/450-1000	EDW125-VI-05/ 101501/1000-1250	EDW126-VI-06/ 101501/1250-1500	EDW089-VII-01/ 100401/0-250	EDW090-VII-02/ 100401/250-500
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	Benzo(a)anthracene	0.380	4.81	ND	ND	ND	0.037J	ND	ND	ND	ND
	Benzo(b)fluoranthene	0.380	4.81	ND	ND	ND	0.071J	ND	ND	ND	ND
	Benzo(a)pyrene	0.380	0.481	ND	ND	ND	0.041J	ND	ND	ND	ND
	Chrysene	0.380	481	ND	ND	ND	0.052J	ND	ND	ND	ND
	Fluoranthene	0.380	2,290	ND	ND	ND	0.052J	ND	0.048J	ND	ND
	Phenanthrene	0.380	1,830	ND	ND	ND	0.041J	ND	ND	ND	ND
	Pyrene	0.380	1,720	ND	ND	ND	0.063J	ND	0.047J	ND	ND
TRPH- EPA Method 418.1	Total Petroleum Hydrocarbons	N/A	N/A	91.7	78.5	82.3	87.5	45.5	105	25.7	17.2
Metals - EPA Method 6010	Arsenic	N/A	3.59	2.3	2.3	2.3	2.4	2.4	2.2	1.13	1.3
	Barium	N/A	15,600	239	218	210	232	210	203	207	486
	Cadmium	0.093	77.9	ND	ND	ND	ND	0.12B	0.110B	ND	ND
	Chromium	N/A	219	4.5	4.9	4.6	4.3	4.9	4.8	7.3	3.8
	Lead	N/A	400	11.6	8.7	9.4	10	8.9	8.4	7.7	4.0
	Mercury	N/A	7.71	0.013B	0.015B	0.014B	0.026B	0.010B	0.012B	ND	ND
	Selenium	0.13	391	ND	ND	ND	ND	0.30B	0.27B	ND	ND
Pesticides - EPA Method 8081A	Beta-BHC	0.0018	2.18	ND	ND	ND	0.0028	ND	ND	ND	ND
	4,4-DDT	0.0018	15.8	ND	ND	ND	ND	0.0037	0.0035	ND	ND
Chlorinated Herbicides- EPA 8151A	2,4-D	0.0065	690[d]	ND	ND	ND	ND	0.0028J	ND	ND	ND
	Dichloroprop	0.013	N/A	ND	ND	ND	ND	0.0026J	ND	ND	ND
	2,4,5-T	0.0055	610[d]	0.0046J	0.0059	ND	0.013	0.0014J	0.0019J	ND	ND
	2,4,5-TP (Silvex)	0.0053	490[d]	ND	ND	0.00066J	ND	0.00057J	ND	ND	ND

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Excavation Derived Waste Samples		
				Cell #1	Cell #1	Cell #2
				EDW021-02/ 070501/TKN1	EDW020-01/ 062001	EDW094-II-03/ 100401
				Excavation	Excavation	Excavation
Explosives- EPA Method 8330	HMX	0.320	3,060	ND	4.5	ND
	2,4,6-Trinitrotoluene	0.320	35.9	ND	6.2	ND
	RDX	0.320	35.6	ND	10.0	ND
TRPH- EPA Method 418.1	Total Petroleum Hydrocarbons	N/A	N/A	55	NA	9.84
Metals - EPA Method 6010	Arsenic	N/A	3.59	2.7	NA	0.007B
	Barium	N/A	15,600	303	NA	0.317
	Cadmium	N/A	77.9	0.22B	NA	0.00044B
	Chromium	N/A	219	9.0	NA	0.0018B
	Lead	N/A	400	14.9	NA	0.0097B
	Mercury	N/A	7.71	0.020B	NA	ND
	Selenium	N/A	391	0.20B	NA	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (11 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Borrow Material Samples					
				BM001-01	BM002-02	BM003-03	BM004-04	BM005-05	BM006-06
				53101 70501	53101 70501	53101 70501	53101 70501	53101 70501	53101 70501
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	2,290E	2,890E	2,550E	2,620E	2,540E	2,540E
	Arsenic	N/A	3.59	0.56B	0.66B	0.56B	0.59B	0.51B	0.49B
	Barium	N/A	15,600	35.1	49.8	50.9	44.7	34.0	42.6
	Beryllium	N/A	156	0.10B	0.11B	0.092B	0.083B	0.069	0.081B
	Calcium	N/A	N/A	9,890	10,900	9,370	9,290	8,940	8,960
	Chromium	N/A	219	1.4	1.7	1.5	1.4	1.3	1.4
	Cobalt	N/A	1,520	1.0	1.1	1.1	1.0	0.89	0.9
	Copper	N/A	3,130	1.2	1.4	1.4	1.3	1.1	1.3
	Iron	N/A	54,800	2,640	3,450	3,100	2,910	2,710	2,780
	Lead	N/A	400	2.2	2.5	2.4	2.2	2.1	2.1
	Magnesium	N/A	N/A	1,060	1,300	1,130	1,120	1,060	1,100
	Manganese	N/A	10,700	124	144	127	121	115	119
	Nickel	N/A	1,560	1.1	1.4	1.2	1.2	1.1	1.1
	Potassium	N/A	N/A	390	541	472	463	443	473
	Sodium	N/A	N/A	22.2E	30.4E	28.6E	27.3B	26.0B	27.7B
	Vanadium	N/A	391	5.8	7.8	6.9	6.5	6.3	6.1
	Zinc	N/A	23,500	6.3	7.9	7.1	6.7	6.1	6.6

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Borrow Material Samples				
				BM059-07	BM060-08	BM069-09	BM070-10	BM103-11
				80901	80901	9201	9201	100901
				Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	2,660E	1,400E	2,020	2,350	1,590
	Antimony	0.12	31.3	0.14B	0.20B	0.18B	0.22B	0.37B
	Arsenic	N/A	3.59	1.0B	0.57B	0.77B	0.89B	0.92B
	Barium	N/A	15,600	80.3	46.4	61.4	70.7E	54.7
	Beryllium	N/A	156	0.20B	0.11B	0.16B	0.19B	0.097B
	Cadmium	0.093	77.9	0.13B	0.071B	0.084B	0.058B	ND
	Calcium	N/A	N/A	19,300	11,300E	10,200E	12,000E	10,900
	Chromium	N/A	219	1.3E	0.74E	2.2E	2.1E	1.2
	Cobalt	N/A	1,520	1.6E	0.87E	1.3	1.2	1.0
	Copper	N/A	3,130	2.8E	1.3E	1.7	1.9	1.2
	Iron	N/A	54,800	3,210E	1,840E	3,480E	3,750E	2,910
	Lead	N/A	400	3.1E	1.8E	2.7	3.2	2.2
	Magnesium	N/A	N/A	1,470E	792E	1,150E	1,150E	846
	Manganese	N/A	10,700	193E	135E	131E	141E	175
	Mercury	N/A	7.71	0.0033B	0.0042B	0.019B	0.018B	0.0036B
	Nickel	N/A	1,560	1.6E	0.90B	2.9E	1.3E	1.1
	Potassium	N/A	N/A	513	276E	470E	557E	351
	Selenium	0.13	391	ND	ND	0.23B	0.32B	ND
	Sodium	N/A	N/A	53.4B	48.9B	13.0BE	21.8BE	30.0B
	Vanadium	N/A	391	7.8E	4.9E	8.3E	9.1E	7.6
	Zinc	N/A	23,500	9.5E	5.2E	7.7E	8.6E	6.5

[a] Data referenced from ERM, 1997 and USACE, 2005.
[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented, where available.
[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are shown in **bold**.
[d] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.
Positive detections of organic compounds are shaded.
Sample depths are not available for this data set.
N/A – not applicable ND – not detected NA – not analyzed FD – field duplicate
J – estimated value below RL B – reported value less than reporting limit but greater than MDL E – value is estimated due to presence of an interference

Table 8-2 Proposed RCRA Facility Investigation Sampling and Analyses at SWMU 20, Fort Wingate Depot Activity

					Explosives	VOCs	SVOCs	Pesticides	Herbicides	Metals
Method					8330B	8260B	8270C	8081A	8151	SW6010B and SW7471A
Specific Analyses Requested					Explosives	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Pesticides	Chlorinated Herbicides	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment						
0620F4-SS01-D-0001	SB01	0-1	Discrete*	MS/MSD	X	X	X	X	X	X
0620F4-SS01-D-0001-DUP	SB01	0-1	Discrete Dup		X	X	X	X	X	X
0620F4-SB01-D-0405	SB01	4-5	Discrete		X	X	X	X	X	X
0620F4-TB01-D	SB01	N/A	Discrete	Trip Blank		X				
0620F4-EB01-D	SB01	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
Total Normal Samples					2	2	2	2	2	2
Total Duplicates					1	1	1	1	1	1
Total Equipment Blanks (Rinsate water sample)					1	1	1	1	1	1
Total Trip Blanks					0	1	0	0	0	0
Total MS/MSD Samples (lab counts each separately)					1	1	1	1	1	1
Total Soil Samples					5	5	5	5	5	5
Total Water Samples					1	2	1	1	1	1
Total Analyses					6	7	6	6	6	6

Notes

bgs = below ground surface
Discrete = discrete location sample
Dup = duplicate sample
Lab QC = Matrix spike/matrix spike duplicate sample set which will be **triple the normal sample volume**
* = Surface soil samples will muliti-incremental samples for explosives and discrete samples for all other constituents
N/A = not applicable

Photograph 8-1 Western Landfill, facing west, Fort Wingate Depot Activity

Photograph 8-2 Western Landfill excavation, facing north, Fort Wingate Depot Activity

Photograph 8-3 Western Landfill debris, Fort Wingate Depot Activity

Photograph 8-4 Western Landfill debris, Fort Wingate Depot Activity

Photograph 8-5 Western Landfill completed excavation, facing northwest, Fort Wingate Depot Activity

Photograph 8-6 Western Landfill completed excavation area, facing north, Fort Wingate Depot Activity

9.0 AOC 28: Igloo Block B

9.1 Background

9.1.1 Location, Description, and Operational History

Igloo Block B is located in the southwest portion of Parcel 6 (Figures 9-1 and 9-2). Photographs 9-1 through 9-4, which are provided at the end of this section, show various views of AOC 28. It is one of several igloo block areas at the FWDA installation previously used for the storage of munitions beginning in the early 1940s. Igloo Block B consists of 100 igloo structures and 55 revetments (earthen embankment structures). The igloos were constructed in 1941 each with approximately 1,610 square feet of net interior area with reinforced concrete floors (FWDA, 1961). The igloos are constructed on a flat concrete foundation measuring 62 feet by 25 feet by approximately 13 feet tall and are constructed of brick, poured-in-place concrete, sheet metal, and earthen fill cover (USACE, 2000). Igloo Block B was specifically used to store 8-inch projectiles, propellant charges, cluster bombs (CBUs), which were transferred to the igloos after being transported to the site by rail (USACE, 2000). Bulk explosives or chemical weapons were not stored in Igloo Block B (USACE, 2000).

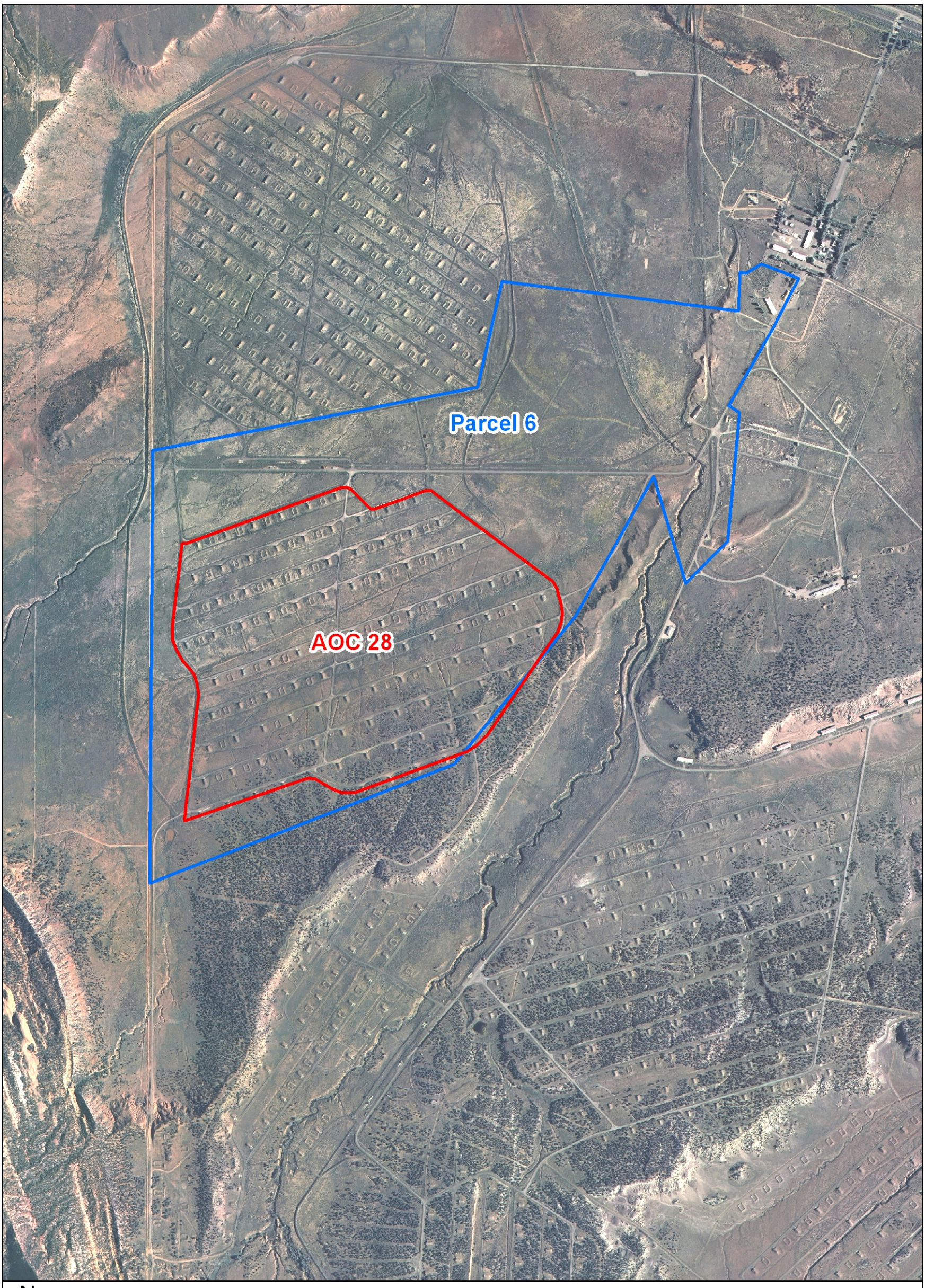
Munitions were stored in wooden ammunition boxes containing multiple metal containers. A minimum of three protective layers were used for storing munitions components, and extreme caution was used during handling and storage. No records were available indicating or suggesting the storage of chemical agents, biological agents, or radiological materials. No evidence was available to indicate previous environmental releases at AOC 28. However, 40 years of munitions storage provided the potential for dust from stored explosives to accumulate in the interiors of the igloos and around the floor drains (USACE, 2000). No specific date was identified for the end of munitions storage in the available historical documents.

A tenant contractor named TPL, Inc. obtained a facilities use contract with FWDA in 1994 and continued operations until 2007. TPL, Inc. performed demilitarization of military munitions with an emphasis on resource recovery and reuse. Demilitarization operations ranged from simple mechanical separation of munitions into their components to chemical processes to further extract reusable materials. For a number of years, TPL, Inc. was a Large Quantity Generator (NMR000000216) of hazardous wastes consisting of fuzes and fin assemblies that were temporarily stored in a less-than-90-day RCRA storage area in Igloo B-1019 (explosives). TPL, Inc. conducted operations within the AOC 28 area.

9.1.2 Surface Conditions

The topography of the AOC 28 area generally dips to the north with various local man-made drainages running northwest-southeast and northeast-southwest in the areas immediately adjacent to the igloos and revetments. Several moderately sized drainages are generally oriented to the northeast and connected to the larger drainage feature that drains this area to the northeast.

Vegetation cover at AOC 28 generally consists of grass and sagebrush with some piñon-juniper woodlands in the southernmost portion of the AOC.



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Legend

Parcel 6 Boundary

AOC Boundary

Equals 1,500 feet

Figure 9-1

AOC 28 Location Map
Fort Wingate Depot Activity, New Mexico

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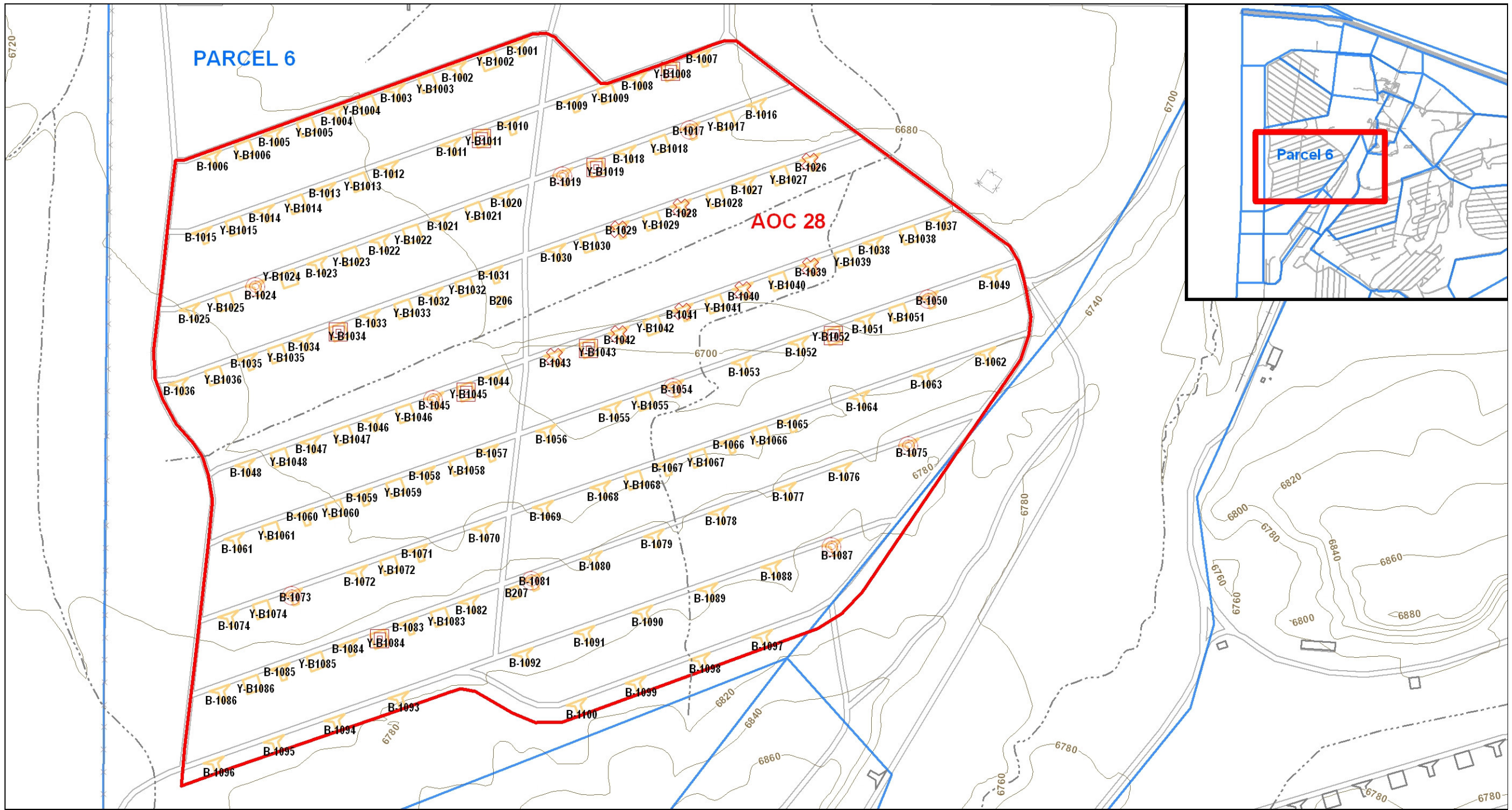


Figure 9-2

Parcel 6 Release Assessment Sampling
Location of Sampled AOC 28 Igloos and Revetments
Fort Wingate Depot Activity, New Mexico

9.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 28.

9.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 28. Munitions were handled and stored at AOC 28; therefore, explosives and lead are considered the only COPCs. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the storage of munitions.

9.2 Previous Investigations

9.2.1 Nonsampling Data

Nonsampling data available for AOC 28 are summarized below.

Facilities Data, Fort Wingate Ordnance Depot, Gallup, New Mexico; FWDA, 1961

This report includes relevant construction information for igloos similar to those in Igloo Block B.

Defense Environmental Restoration Program for Property Owned by the Department of Defense Ordnance and Explosive Waste Chemical Warfare Materials Archives Search Report; USACE, 1995

Igloo Block B was included in a site survey for potential bomb burial during the 1940s and 1950s. This area was identified as a potential burial location based on interviews with former FWDA personnel. Historical aerial photography review and a helicopter fly over were utilized to inspect the 55 revetment areas within Igloo Block B. No evidence was found suggesting burial of ordnances.

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 28 in the 2006 report is as follows:

1935 – Two ground scarred or graded areas are present; probably former or planned building locations

1948 – No significant findings

1952 – No significant findings

1958 – No significant findings

1962 – No significant findings

1966 – No significant findings

1973 – No significant findings

1978 – No significant findings

1985 – No significant findings

1991 – No significant findings

1993 – Partial photo coverage; no significant findings

1997 – No significant findings

While not specifically stated in the summary from the report above, the Block B igloos are visible from 1948 to 1997. Based on further review of this report and the aerial photographs, it appears as if the 2006 report states "no significant findings" if there were no observed environmental concerns. That statement does not mean that the buildings were not present or that other changes to the area were not observed.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within AOC 28. However, the report includes background information relevant to the WWI magazines. Several WWI magazines were formerly located within the boundaries of Igloo Block B. WWI magazines historically stored bulk explosives in boxes prior to WWII. The magazines were wood buildings with metal roofs and were approximately 20 feet by 50 feet in size. All WWI magazines were demolished prior to WWII to clear space for the current structures at the FWDA.

9.2.2 Sampling Data

Previous investigation phases have been completed at AOC 28 and are summarized below.

Final Remedial Investigation/Feasibility Study & RCRA Corrective Action Program Document; ERM Program Management Company, 1997

During the RI, 24 discrete surface soil samples were collected under the igloo drains, 15 discrete surface soil samples were collected in storage revetments, and 24 discrete wipe samples were collected from the interior of the same igloos selected for soil sampling. These samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorous.

Only nitrate/nitrite was detected above the reported background level of 30.0 µg/g in one soil sample (270 µg/g). The report does not indicate a specific source for the final background values, only a description of a 1992 work plan that outlined the methodology for determination of the background values. Three wipe samples from Igloo Block B contained detectable levels of explosives. 2,4,6-TNT was detected in B1021-3 at a concentration of 0.087 microgram per square centimeter ($\mu g/cm^2$). RDX was detected in B1013-1 and B1037-3 at concentrations of 0.11 $\mu g/cm^2$ and 0.095 $\mu g/cm^2$, respectively.

Environmental Baseline Survey for the Transfer of Lands at Fort Wingate Depot Activity, New Mexico; USACE, 2000

This report provides a physical description of Igloo Block B. It also discusses the baseline surveys completed which included ACM, LBP, PCBs, and radon surveys. The buildings were not considered to be potentially hazardous according to the RI/FS Risk Assessment. Environmental issues that would potentially affect the property transfer were not found during this limited investigation.

Onsite Treatment/Desensitization of 16 Boxes of Abandoned Energetics; PIKA, 2008

PIKA International, Inc. (PIKA) was contracted by the U.S. Army Sustainment Command (ASC) in support of the Joint Munitions Command for the onsite treatment/desensitization of 16 boxes of abandoned energetics and materials at FWDA. The objective of this project was to treat 16 boxes of unstable energetic materials located within aboveground magazine (AGM) B-1009 at FWDA with PIKA's Thermal Convection System (TCS). Additionally, Open Detonation (OD) procedures were used to remove explosive hazards from select containers of energetics which, due to their size and characteristics, did not yield themselves to treatment in the TCS.

Select containers identified during the material evaluation phase that could not be treated within the TCS due to their size and/or characteristics. These select containers were disposed by open detonation on January 31, 2008, following procedures in approved amendments to the Work Plan, Explosive Safety Submission, and NMED Emergency Authorization. Demolition operations were conducted in accordance with the procedures outlined in Technical Manual (TM) 60A-1-1-31, Engineering Pamphlet (EP) 385-1-95a, *Basic Safety Concepts and Considerations for Munitions and Explosives of Concern (MEC) Removal Action Operations*, dated 27 August 2004. The containers were removed from the igloo by the Senior Unexploded Ordnance Supervisor (SUXOS) and manually transported to the designated open detonation area (approximately 20 feet by 20 feet) located between Igloos B-1044 and B-1045. Boosters/donor explosives were placed in intimate contact with each container and covered with sand-bags. The containers were disposed by countercharging the energetics inside the container with the explosive donor charge (for example, booster) and detonating the donor charge. All disposal operations were performed under the direction and supervision of the UXO Safety.

The NMED approved all actions in an Emergency Permit dated October 30, 2007. The permit is located in the project report. All results of this action were submitted to the NMED in March 2008 in a report titled *Onsite Treatment/Desensitization of 16 Boxes of Abandoned Energetics.* Soil samples were collected from the area before and after detonation and analyzed for explosives. Analytical results are summarized in Table 9-1.

Release Assessment; CH2M HILL, 2008

Results of the release assessment sampling conducted in July 2008 are presented in Section 9.3.3.

9.2.3 Conceptual Model

9.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 28 that would result in COPCs being present at this site. AOC 28 was historically used to store munitions. Explosive compounds were previously detected in wipe samples collected from the interior of the igloos. Additionally, explosives have been detected at the drain outfall from two igloos during limited soil sampling of the igloos. Therefore, explosives and lead are COPCs for this AOC. Further investigation is needed to define the degree and extent of COPCs in soil at the igloo drain outfalls.

9.2.3.2 Fate and Transport

If contamination is present at AOC 28, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils. Contamination could potentially pose a risk of impacting groundwater or migrating to nearby water courses.

Table 9-1 Previous Investigation Laboratory Data Summary for AOC 28, Igloo Block B[a] Fort Wingate Depot Activity

Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28
				FWDA-010908-01	FWDA-020608-01
				1/29/2008	2/6/2008
Nitrocellulose - EPA Method 353.2	Nitrocellulose	5.2-5.3	240,000,000[d]	1.7 J	1.3 J
Metals - EPA Method 6010B	Aluminum	20.7-21.0	78,100	11,900	14,200
	Arsenic	1.0-1.1	3.59	1.6	1.9
	Berium	20.7-21.0	15,600	238	273
	Beryllium	0.52-0.53	156	0.53	0.53
	Cadmium	0.52-0.53	77.9	0.21 J	0.13 J
	Calcium	518-525	N/A	29,800	33,600
	Chromium	1.0-1.1	219	15.4	21.5
	Cobalt	5.2-5.3	23[d]	4.3 J	4.9 J
	Copper	2.6	3,130	4.6	5.0
	Iron	10.4-10.5	54,800	12,200	12,200
	Lead	0.31-0.32	400	8.0	8.1
	Manganese	1.6	10,700	401	435
	Nickel	4.1-4.2	1,560	12.3	15.3
	Sodium	518-525	N/A	520	463 J
	Thallium	1.0-1.1	5.16	0.64 J	0.67 J
	Vanadium	5.2-5.3	391	26.3	26
	Zinc	2.1	23,500	18	20
	Magnesium	518-525	N/A	5,420	6,340
	Potassium	518-525	N/A	2,380	3,160
Explosives- EPA Method 8330	1,3,5-Trinitrobenzene	0.25-0.26	2,200[d]	0.042 J	ND

[a] Data referenced from PIKA, 2008.
[b] Column provides the Reporting Limit (RL) range between the two sample dates.
[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[d] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.
Positive detections of explosives compounds are shaded.
Sample depths are not available for this data set.
N/A – Not Applicable J – Estimated value below the RL

9.2.3.3 Data Gaps

Wipe samples have been collected from the interior of some igloos and contained detectable concentrations of explosive compounds. Soil samples have been collected at some of the igloo drain outfalls and explosives have been detected at low or qualified concentrations. Additional soil sampling is required to determine if explosives may have been released to the ground surface at the remaining AOC 28 igloo drains.

9.3 Release Assessment

9.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that hazardous wastes or hazardous constituents were released to the ground surface at AOC 28. As discussed above, explosives were previously detected in wipe samples collected from the inside of some AOC 28 igloos.

9.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 28 from July 14 to 23, 2008. Observations at the AOC 28 igloos and revetments included a limited number of various articles of trash such as metal packaging banding, wire mesh fencing material, nails, pieces of wire, broken clay pipe, and glass. No soil staining or other evidence of MEC or environmental releases were observed at any of the igloos. Revetment Y-B1045 had a few pieces of small metallic scrap and evidence of a possible small detonation. No soil staining or other evidence of MEC or environmental releases were observed at any of the other revetments.

Site reconnaissance field forms and field notes are presented in Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in Appendix F.

9.3.3 Soil Sampling

One MI surface soil sample and two discrete surface soil samples were collected from 10 of the 100 igloos in AOC 28 (Figure 9-2). The MI samples consisted of 15 individual sample locations taken from either side of the driveway to the igloo and from the drainage on the opposite side of the road and the 2 discrete soil samples were collected from underneath the igloo drain outfalls, as shown in Figure 9-3. One MI surface soil sample was collected at 8 of the 54 revetments in AOC 28 (Figure 9-2). The MI samples consisted of 10 individual sample locations taken from the interior area of the revetment as shown in Figure 9-4. All soil samples were analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010B.

Results indicate that no explosives were detected in any of the MI samples collected. However, qualified concentrations of explosives were detected at two of the drain outfalls. A summary of the sample analysis results is presented in Table 9-2 (located at the end of this section). The full laboratory report is presented in Appendix G. The Data Quality Evaluation (DQE) report is provided on the CD as Appendix H.

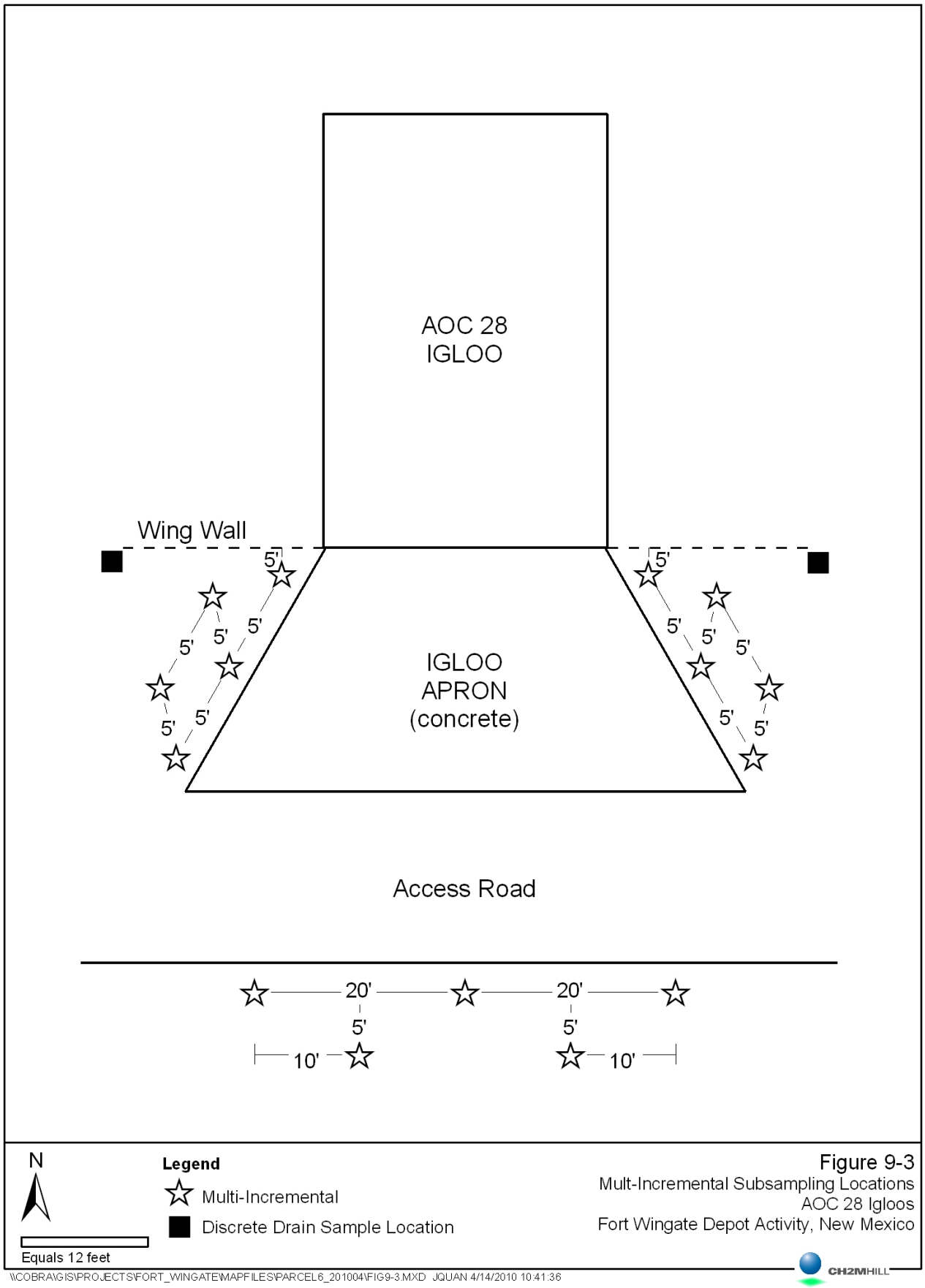
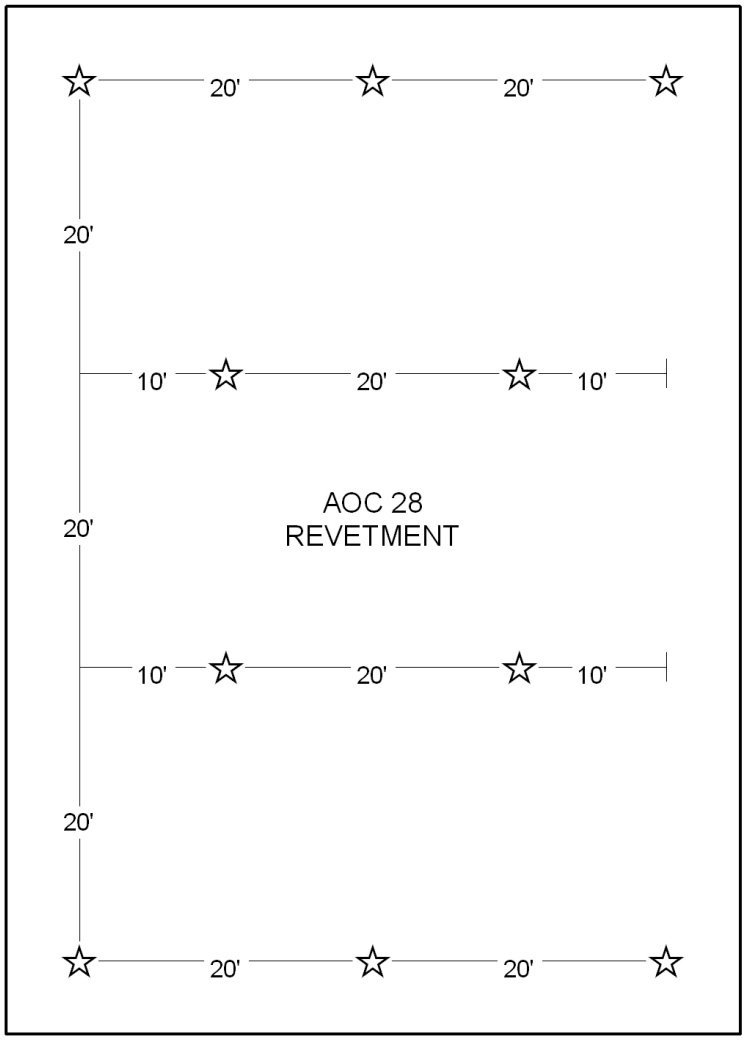


Figure 9-3
Mult-Incremental Subsampling Locations
AOC 28 Igloos
Fort Wingate Depot Activity, New Mexico



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Equals 10 feet

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Sample Location

Figure 9-4
Mult-Incremental Subsampling Locations
AOC 28 Revetments
Fort Wingate Depot Activity, New Mexico

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HMX was detected at a concentration of 0.08J mg/kg (J represents estimated value) at igloo B-1017 and 1,3,5-trinitrobenzene was detected at 0.2J mg/kg at igloo B-1075. Both detections are below the NMED SSL or EPA RSL for these compounds. Lead was detected at a maximum concentration of 87.4 mg/kg from a discrete soil sample taken from the drain outfall at igloo B-1054. Lead detections were generally considerably less than this and all detections were below the NMED SSL of 400 mg/kg.

9.3.4 Release Assessment Conclusion

Based on the release assessment investigation results, the following conclusions are made for AOC 28:

- Qualified concentrations of two explosive compounds, RDX and 1,3,5-trinitrobenzene, were detected at two of the igloo drain outfalls. These detections were far below the respective NMED SSLs or EPA RSLs for these compounds. No other COPCs were positively detected during the July 2008 release assessment at AOC 28.

9.4 Scope of Activities

Table 9-3 summarizes the proposed sampling at AOC 28. Based on the release assessment investigation results, the following recommendations are made for AOC 28:

- It is recommended that one composite sample comprised of soil from under each drain outfall be collected at the remaining AOC 28 igloos that have not been sampled, with the exception of the eight Conditional Exemption igloos that will be excluded until after their use ends. If the drain outfall is buried, soil will be removed to reveal the drain and the sample will be collected under the drain. If the drain is already exposed then the surface soil (0-6 inches) will be sampled under the drain outfall. Soil sampling will be performed as described in Section 4 and the QAPP (Appendix C). The collected soil samples will be analyzed for explosives using EPA Method 8330B and for RCRA metals using EPA Methods 6010B and 7471A.
- It is recommended that one MI soil sample be collected from each of the igloo aprons, with the exception of the eight conditional exemption igloos that will be excluded from investigation until their use ends. Thirty MI sample increments will be collected from 0-3 inches bgs from each igloo apron. The MI decision units will encompass any drainages or topographic depressions located around each igloo. If the road constitutes a drainage divide opposite any igloo, the decision unit located across the road will be excluded. Figures 9-5 and 9-6 show the proposed MI decision units. The collected soil samples will be analyzed for explosives using EPA Method 8330B and for RCRA metals using EPA Methods 6010B and 7471A.
- It is recommended that one MI soil sample be collected from each of the revetments. Thirty MI sample increments will be collected from 2-6 inches bgs within each revetment. The collected soil samples will be analyzed for explosives using EPA Method 8330B and for RCRA metals using EPA Methods 6010B and 7471A.

Table 9-2 Release Assessment Laboratory Data Summary at AOC 28, Fort Wingate Depot Activity (1 of 2)

Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1017-DL-SS-072808	FWDA-B1017- DR-SS-072808	FWDA-B1017- DR-SS-072808 - DUP	FWDA-B1017-SS-072508
				7/28/2008	7/28/2008	7/28/2008	7/25/2008
Lead - EPA Method 6010B	Lead	0.3688	400	48.8	25.2	19.2	13.9
Explosives- EPA Method 8330B	HMX	0.21	3060	0.08 J	<0.21	<0.21	<0.21
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1019-DL-SS-072808	FWDA-B1019-DR-SS-072808	FWDA-B1019-SS-072808	FWDA-B1024-DL-SS-072808
				7/28/2008	7/28/2008	7/28/2008	7/28/2008
Lead - EPA Method 6010B	Lead	0.3688	400	21.3 J	14.2	17	34.2
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1024-DL-SS-072808	FWDA-B1024-SS-072808	FWDA-B1045-DL-SS-072508	FWDA-B1045-DR-SS-072508
				7/28/2008	7/28/2008	7/25/2008	7/25/2008
Lead - EPA Method 6010B	Lead	0.3688	400	13.7	10.8 J	48.8	21
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1045-SS-072508	FWDA-B1050-DL-SS-072808	FWDA-B1050-DR-SS-072808	FWDA-B1050-SS-072808-DUP
				7/25/2008	7/28/2008	7/28/2008	7/28/2008
Lead - EPA Method 6010B	Lead	0.3688	400	17.2	64.2	26.5	6.5
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1050-SS-072808	FWDA-B1054-DL-SS-072908	FWDA-B1054-DR-SS-072908-DUP	FWDA-B1054-DR-SS-072908
				7/28/2008	7/29/2008	7/29/2008	7/29/2008
Lead - EPA Method 6010B	Lead	0.3688	400	6.8	87.4	36.9 J	10.1 J
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1054-SS-072908	FWDA-B1073-DL-SS-072508	FWDA-B1073-DR-SS-072508	FWDA-B1073-SS-072508
				7/29/2008	7/25/2008	7/25/2008	7/25/2008
Lead - EPA Method 6010B	Lead	0.3688	400	5.8	44.7	25	37.8

Table 9-2 Release Assessment Laboratory Data Summary at AOC 28, Fort Wingate Depot Activity (2 of 2)

Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28	
				FWDA-B1075-DL-SS-072408	FWDA-B1075-DR-SS-072408	FWDA-B1075-SS-072508	FWDA-B1081-DL-SS-072408	
				7/24/2008	7/24/2008	7/25/2008	7/25/2008	
Lead - EPA Method 6010B	Lead	0.3688	400	15.8	17.4	4	5.4	
Explosives- EPA Method 8330B	1,3,5-Trinitrobenzene	0.2	1800[d]	0.2 J	<0.2	<0.2	<0.2	
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28	
				FWDA-B1081-DR-SS-072408	FWDA-B1081-SS-072408	FWDA-B1087-DL-SS-072408	FWDA-B1087-DR-SS-072408	
				7/24/2008	7/24/2008	7/24/2008	7/24/2008	
Lead - EPA Method 6010B	Lead	0.3688	400	7.6	4.3	24.4	21	
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28	
				FWDA-B1087-SS-072408	FWDA-Y-B1008-07172008	FWDA-Y-B1011-07172008	FWDA-Y-B1019-07172008	
				7/24/2008	7/17/2008	7/17/2008	7/17/2008	
Lead - EPA Method 6010B	Lead	0.3688	400	4	14.2	15.3 J	7.8	
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28	
				FWDA-Y-B1034-07172008	FWDA-Y-B1043-07162008	FWDA-Y-B1045-07172008-DUP	FWDA-Y-B1045-07172008	
				7/17/2008	7/16/2008	7/17/2008	7/17/2008	
Lead - EPA Method 6010B	Lead	0.3688	400	7.1	6.6	5.5	5.5	
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-Y-B1034-07172008	FWDA-Y-B1043-07162008	FWDA-Y-B1045-07172008-DUP	FWDA-Y-B1045-07172008	FWDA-Y-B1052-07162008
				7/17/2008	7/16/2008	7/17/2008	7/17/2008	7/16/2008
Lead - EPA Method 6010B	Lead	0.3688	400	7.1	6.6	5.5	5.5	4.6

[a] Laboratory data sheets and the Data Quality Evaluation Report (DQE) are provided in Appendices H and I, respectively.
[b] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), June 2006.
[d] EPA Region 6 Human Health Specific Screening Levels, March 2008.
[e] NMED, June 2006.
Positive detections of explosives compounds are shaded.
Samples collected from 0 to 1 feet below ground surface.
N/A – Not Applicable NC – Non Carcinogen C – Carcinogen Sat – Soil Saturation J – Estimated value below the RL

Table 9-3 Proposed RCRA Facility Investigation Sampling and Analyses at AOC 28, Fort Wingate Depot Activity (1 of 5)

					Explosives	Metals
Method					8330B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment		
0628-B1001-SS01-M-0000	Igloo B-1001	0-0.25	MI		X	X
0628-B1001-SS01-M-0000-DUP	Igloo B-1001	0-0.25	MI DUP		X	X
0628-B1001-SS01-C-0000	Igloo B-1001 Drain	0-0.5	Composite		X	X
0628-B1002-SS01-M-0000	Igloo B-1002	0-0.25	MI		X	X
0628-B1002-SS01-M-0000-DUP	Igloo B-1002	0-0.25	MI DUP		X	X
0628-B1002-SS01-C-0000	Igloo B-1002 Drain	0-0.5	Composite		X	X
0628-B1003-SS01-M-0000	Igloo B-1003	0-0.25	MI		X	X
0628-B1003-SS01-C-0000	Igloo B-1003 Drain	0-0.5	Composite		X	X
0628-B1003-SS01-C-0000-MS/MSD	Igloo B-1003 Drain	0-0.5	Composite	MS/MSD	X	X
0628-B1004-SS01-M-0000	Igloo B-1004	0-0.25	MI		X	X
0628-B1004-SS01-C-0000	Igloo B-1004 Drain	0-0.5	Composite		X	X
0628-B1005-SS01-M-0000	Igloo B-1005	0-0.25	MI		X	X
0628-B1005-SS01-M-0000-DUP	Igloo B-1005	0-0.25	MI DUP		X	X
0628-B1005-SS01-C-0000	Igloo B-1005 Drain	0-0.5	Composite		X	X
0628-B1006-SS01-M-0000	Igloo B-1006	0-0.25	MI		X	X
0628-B1006-SS01-C-0000	Igloo B-1006 Drain	0-0.5	Composite		X	X
0628-B1007-SS01-M-0000	Igloo B-1007	0-0.25	MI		X	X
0628-B1007-SS01-M-0000-DUP	Igloo B-1007	0-0.25	MI DUP		X	X
0628-B1007-SS01-C-0000	Igloo B-1007 Drain	0-0.5	Composite		X	X
0628-B1008-SS01-M-0000	Igloo B-1008	0-0.25	MI		X	X
0628-B1008-SS01-C-0000	Igloo B-1008 Drain	0-0.5	Composite		X	X
0628-B1009-SS01-M-0000	Igloo B-1009	0-0.25	MI		X	X
0628-B1009-SS01-C-0000	Igloo B-1009 Drain	0-0.5	Composite		X	X
0628-B1010-SS01-M-0000	Igloo B-1010	0-0.25	MI		X	X
0628-B1010-SS01-C-0000	Igloo B-1010 Drain	0-0.5	Composite		X	X
0628-B1011-SS01-M-0000	Igloo B-1011	0-0.25	MI		X	X
0628-B1011-SS01-C-0000	Igloo B-1011 Drain	0-0.5	Composite		X	X
0628-B1012-SS01-M-0000	Igloo B-1012	0-0.25	MI		X	X
0628-B1012-SS01-M-0000-DUP	Igloo B-1012	0-0.25	MI DUP		X	X
0628-B1012-SS01-C-0000	Igloo B-1012 Drain	0-0.5	Composite		X	X
0628-B1013-SS01-M-0000	Igloo B-1013	0-0.25	MI		X	X
0628-B1013-SS01-C-0000	Igloo B-1013 Drain	0-0.5	Composite		X	X
0628-B1014-SS01-M-0000	Igloo B-1014	0-0.25	MI		X	X
0628-B1014-SS01-C-0000	Igloo B-1014 Drain	0-0.5	Composite		X	X
0628-B1015-SS01-M-0000	Igloo B-1015	0-0.25	MI		X	X
0628-B1015-SS01-M-0000-MS/MSD	Igloo B-1015	0-0.25	MI	MS/MSD	X	X
0628-B1015-SS01-C-0000	Igloo B-1015 Drain	0-0.5	Composite		X	X
0628-B1016-SS01-M-0000	Igloo B-1016	0-0.25	MI		X	X
0628-B1016-SS01-C-0000	Igloo B-1016 Drain	0-0.5	Composite		X	X
0628-B1017-SS01-M-0000	Igloo B-1017	0-0.25	MI		X	X
0628-B1017-SS01-C-0000	Igloo B-1017 Drain	0-0.5	Composite		X	X
0628-B1018-SS01-M-0000	Igloo B-1018	0-0.25	MI		X	X
0628-B1018-SS01-C-0000	Igloo B-1018 Drain	0-0.5	Composite		X	X
0628-B1019-SS01-M-0000	Igloo B-1019	0-0.25	MI		X	X
0628-B1019-SS01-M-0000-DUP	Igloo B-1019	0-0.25	MI DUP		X	X
0628-B1019-SS01-C-0000	Igloo B-1019 Drain	0-0.5	Composite		X	X
0628-B1020-SS01-M-0000	Igloo B-1020	0-0.25	MI		X	X
0628-B1020-SS01-C-0000	Igloo B-1020 Drain	0-0.5	Composite		X	X
0628-B1021-SS01-M-0000	Igloo B-1021	0-0.25	MI		X	X
0628-B1021-SS01-C-0000	Igloo B-1021 Drain	0-0.5	Composite		X	X
0628-B1021-SS01-C-0000-DUP	Igloo B-1021 Drain	0-0.5	Composite DUP		X	X
0628-B1022-SS01-M-0000	Igloo B-1022	0-0.25	MI		X	X
0628-B1022-SS01-C-0000	Igloo B-1022 Drain	0-0.5	Composite		X	X
0628-B1023-SS01-M-0000	Igloo B-1023	0-0.25	MI		X	X
0628-B1023-SS01-C-0000	Igloo B-1023 Drain	0-0.5	Composite		X	X
0628-B1024-SS01-M-0000	Igloo B-1024	0-0.25	MI		X	X
0628-B1024-SS01-C-0000	Igloo B-1024 Drain	0-0.5	Composite		X	X
0628-B1025-SS01-M-0000	Igloo B-1025	0-0.25	MI		X	X
0628-B1025-SS01-C-0000	Igloo B-1025 Drain	0-0.5	Composite		X	X
0628-B1027-SS01-M-0000	Igloo B-1027	0-0.25	MI		X	X
0628-B1027-SS01-C-0000	Igloo B-1027 Drain	0-0.5	Composite		X	X
0628-B1030-SS01-M-0000	Igloo B-1030	0-0.25	MI		X	X
0628-B1030-SS01-C-0000	Igloo B-1030 Drain	0-0.5	Composite		X	X

Table 9-3 Proposed RCRA Facility Investigation Sampling and Analyses at AOC 28, Fort Wingate Depot Activity (2 of 5)

					Explosives	Metals
Method					8330B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment		
0628-B1031-SS01-M-0000	Igloo B-1031	0-0.25	MI		X	X
0628-B1031-SS01-C-0000	Igloo B-1031 Drain	0-0.5	Composite		X	X
0628-B1031-SS01-C-0000-DUP	Igloo B-1031 Drain	0-0.5	Composite DUP		X	X
0628-B1032-SS01-M-0000	Igloo B-1032	0-0.25	MI		X	X
0628-B1032-SS01-C-0000	Igloo B-1032 Drain	0-0.5	Composite		X	X
0628-B1033-SS01-M-0000	Igloo B-1033	0-0.25	MI		X	X
0628-B1033-SS01-C-0000	Igloo B-1033 Drain	0-0.5	Composite		X	X
0628-B1034-SS01-M-0000	Igloo B-1034	0-0.25	MI		X	X
0628-B1034-SS01-C-0000	Igloo B-1034 Drain	0-0.5	Composite		X	X
0628-B1034-SS01-C-0000-MS/MSD	Igloo B-1034 Drain	0-0.5	Composite	MS/MSD	X	X
0628-B1035-SS01-M-0000	Igloo B-1035	0-0.25	MI		X	X
0628-B1035-SS01-C-0000	Igloo B-1035 Drain	0-0.5	Composite		X	X
0628-B1036-SS01-M-0000	Igloo B-1036	0-0.25	MI		X	X
0628-B1036-SS01-M-0000-DUP	Igloo B-1036	0-0.25	MI DUP		X	X
0628-B1036-SS01-C-0000	Igloo B-1036 Drain	0-0.5	Composite		X	X
0628-B1037-SS01-M-0000	Igloo B-1037	0-0.25	MI		X	X
0628-B1037-SS01-C-0000	Igloo B-1037 Drain	0-0.5	Composite		X	X
0628-B1038-SS01-M-0000	Igloo B-1038	0-0.25	MI		X	X
0628-B1038-SS01-C-0000	Igloo B-1038 Drain	0-0.5	Composite		X	X
0628-B1044-SS01-M-0000	Igloo B-1044	0-0.25	MI		X	X
0628-B1044-SS01-M-0000-DUP	Igloo B-1044	0-0.25	MI DUP		X	X
0628-B1044-SS01-C-0000	Igloo B-1044 Drain	0-0.5	Composite		X	X
0628-B1045-SS01-M-0000	Igloo B-1045	0-0.25	MI		X	X
0628-B1045-SS01-C-0000	Igloo B-1045 Drain	0-0.5	Composite		X	X
0628-B1046-SS01-M-0000	Igloo B-1046	0-0.25	MI		X	X
0628-B1046-SS01-C-0000	Igloo B-1046 Drain	0-0.5	Composite		X	X
0628-B1047-SS01-M-0000	Igloo B-1047	0-0.25	MI		X	X
0628-B1047-SS01-M-0000-DUP	Igloo B-1047	0-0.25	MI DUP		X	X
0628-B1047-SS01-C-0000	Igloo B-1047 Drain	0-0.5	Composite		X	X
0628-B1047-SS01-C-0000-DUP	Igloo B-1047 Drain	0-0.5	Composite DUP		X	X
0628-B1048-SS01-M-0000	Igloo B-1048	0-0.25	MI		X	X
0628-B1048-SS01-C-0000	Igloo B-1048 Drain	0-0.5	Composite		X	X
0628-B1049-SS01-M-0000	Igloo B-1049	0-0.25	MI		X	X
0628-B1049-SS01-C-0000	Igloo B-1049 Drain	0-0.5	Composite		X	X
0628-B1050-SS01-M-0000	Igloo B-1050	0-0.25	MI		X	X
0628-B1050-SS01-C-0000	Igloo B-1050 Drain	0-0.5	Composite		X	X
0628-B1051-SS01-M-0000	Igloo B-1051	0-0.25	MI		X	X
0628-B1051-SS01-C-0000	Igloo B-1051 Drain	0-0.5	Composite		X	X
0628-B1052-SS01-M-0000	Igloo B-1052	0-0.25	MI		X	X
0628-B1052-SS01-C-0000	Igloo B-1052 Drain	0-0.5	Composite		X	X
0628-B1052-SS01-C-0000-DUP	Igloo B-1052 Drain	0-0.5	Composite DUP		X	X
0628-B1053-SS01-M-0000	Igloo B-1053	0-0.25	MI		X	X
0628-B1053-SS01-C-0000	Igloo B-1053 Drain	0-0.5	Composite		X	X
0628-B1054-SS01-M-0000	Igloo B-1054	0-0.25	MI		X	X
0628-B1054-SS01-M-0000-MS/MSD	Igloo B-1054	0-0.25	MI	MS/MSD	X	X
0628-B1054-SS01-C-0000	Igloo B-1054 Drain	0-0.5	Composite		X	X
0628-B1055-SS01-M-0000	Igloo B-1055	0-0.25	MI		X	X
0628-B1055-SS01-C-0000	Igloo B-1055 Drain	0-0.5	Composite DUP		X	X
0628-B1055-SS01-C-0000-DUP	Igloo B-1055 Drain	0-0.5	Composite		X	X
0628-B1056-SS01-M-0000	Igloo B-1056	0-0.25	MI		X	X
0628-B1056-SS01-C-0000	Igloo B-1056 Drain	0-0.5	Composite		X	X
0628-B1057-SS01-M-0000	Igloo B-1057	0-0.25	MI		X	X
0628-B1057-SS01-M-0000-MS/MSD	Igloo B-1057	0-0.25	MI	MS/MSD	X	X
0628-B1057-SS01-C-0000	Igloo B-1057 Drain	0-0.5	Composite		X	X
0628-B1058-SS01-M-0000	Igloo B-1058	0-0.25	MI		X	X
0628-B1058-SS01-M-0000-DUP	Igloo B-1058	0-0.25	MI DUP		X	X
0628-B1058-SS01-C-0000	Igloo B-1058 Drain	0-0.5	Composite		X	X
0628-B1059-SS01-M-0000	Igloo B-1059	0-0.25	MI		X	X
0628-B1059-SS01-C-0000	Igloo B-1059 Drain	0-0.5	Composite		X	X
0628-B1060-SS01-M-0000	Igloo B-1060	0-0.25	MI		X	X
0628-B1060-SS01-C-0000	Igloo B-1060 Drain	0-0.5	Composite		X	X
0628-B1060-SS01-C-0000-DUP	Igloo B-1060 Drain	0-0.5	Composite DUP		X	X
0628-B1061-SS01-M-0000	Igloo B-1061	0-0.25	MI		X	X
0628-B1061-SS01-C-0000	Igloo B-1061 Drain	0-0.5	Composite		X	X
0628-B1062-SS01-M-0000	Igloo B-1062	0-0.25	MI		X	X
0628-B1062-SS01-C-0000	Igloo B-1062 Drain	0-0.5	Composite		X	X

Table 9-3 Proposed RCRA Facility Investigation Sampling and Analyses at AOC 28, Fort Wingate Depot Activity (3 of 5)

					Explosives	Metals
Method					8330B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment		
0628-B1063-SS01-M-0000	Igloo B-1063	0-0.25	MI		X	X
0628-B1063-SS01-C-0000	Igloo B-1063 Drain	0-0.5	Composite		X	X
0628-B1064-SS01-M-0000	Igloo B-1064	0-0.25	MI		X	X
0628-B1064-SS01-C-0000	Igloo B-1064 Drain	0-0.5	Composite		X	X
0628-B1065-SS01-M-0000	Igloo B-1065	0-0.25	MI		X	X
0628-B1065-SS01-C-0000	Igloo B-1065 Drain	0-0.5	Composite		X	X
0628-B1066-SS01-M-0000	Igloo B-1066	0-0.25	MI		X	X
0628-B1066-SS01-C-0000	Igloo B-1066 Drain	0-0.5	Composite		X	X
0628-B1067-SS01-M-0000	Igloo B-1067	0-0.25	MI		X	X
0628-B1067-SS01-C-0000	Igloo B-1067 Drain	0-0.5	Composite		X	X
0628-B1068-SS01-M-0000	Igloo B-1068	0-0.25	MI		X	X
0628-B1068-SS01-M-0000-DUP	Igloo B-1068	0-0.25	MI DUP		X	X
0628-B1068-SS01-C-0000	Igloo B-1068 Drain	0-0.5	Composite		X	X
0628-B1069-SS01-M-0000	Igloo B-1069	0-0.25	MI		X	X
0628-B1069-SS01-C-0000	Igloo B-1069 Drain	0-0.5	Composite		X	X
0628-B1070-SS01-M-0000	Igloo B-1070	0-0.25	MI		X	X
0628-B1070-SS01-C-0000	Igloo B-1070 Drain	0-0.5	Composite		X	X
0628-B1071-SS01-M-0000	Igloo B-1071	0-0.25	MI		X	X
0628-B1071-SS01-C-0000	Igloo B-1071 Drain	0-0.5	Composite		X	X
0628-B1072-SS01-M-0000	Igloo B-1072	0-0.25	MI		X	X
0628-B1072-SS01-M-0000-MS/MSD	Igloo B-1072	0-0.25	MI	MS/MSD	X	X
0628-B1072-SS01-C-0000	Igloo B-1072 Drain	0-0.5	Composite		X	X
0628-B1073-SS01-M-0000	Igloo B-1073	0-0.25	MI		X	X
0628-B1073-SS01-M-0000-MS/MSD	Igloo B-1073	0-0.25	MI	MS/MSD	X	X
0628-B1073-SS01-C-0000	Igloo B-1073 Drain	0-0.5	Composite		X	X
0628-B1074-SS01-M-0000	Igloo B-1074	0-0.25	MI		X	X
0628-B1074-SS01-C-0000	Igloo B-1074 Drain	0-0.5	Composite		X	X
0628-B1075-SS01-M-0000	Igloo B-1075	0-0.25	MI		X	X
0628-B1075-SS01-C-0000	Igloo B-1075 Drain	0-0.5	Composite		X	X
0628-B1076-SS01-M-0000	Igloo B-1076	0-0.25	MI		X	X
0628-B1076-SS01-C-0000	Igloo B-1076 Drain	0-0.5	Composite		X	X
0628-B1077-SS01-M-0000	Igloo B-1077	0-0.25	MI		X	X
0628-B1077-SS01-C-0000	Igloo B-1077 Drain	0-0.5	Composite		X	X
0628-B1078-SS01-M-0000	Igloo B-1078	0-0.25	MI		X	X
0628-B1078-SS01-M-0000-MS/MSD	Igloo B-1078	0-0.25	MI	MS/MSD	X	X
0628-B1078-SS01-C-0000	Igloo B-1078 Drain	0-0.5	Composite		X	X
0628-B1079-SS01-M-0000	Igloo B-1079	0-0.25	MI		X	X
0628-B1079-SS01-C-0000	Igloo B-1079 Drain	0-0.5	Composite		X	X
0628-B1080-SS01-M-0000	Igloo B-1080	0-0.25	MI		X	X
0628-B1080-SS01-C-0000	Igloo B-1080 Drain	0-0.5	Composite		X	X
0628-B1081-SS01-M-0000	Igloo B-1081	0-0.25	MI		X	X
0628-B1081-SS01-M-0000-DUP	Igloo B-1081	0-0.25	MI DUP		X	X
0628-B1081-SS01-C-0000	Igloo B-1081 Drain	0-0.5	Composite		X	X
0628-B1082-SS01-M-0000	Igloo B-1082	0-0.25	MI		X	X
0628-B1082-SS01-C-0000	Igloo B-1082 Drain	0-0.5	Composite		X	X
0628-B1083-SS01-M-0000	Igloo B-1083	0-0.25	MI		X	X
0628-B1083-SS01-C-0000	Igloo B-1083 Drain	0-0.5	Composite		X	X
0628-B1084-SS01-M-0000	Igloo B-1084	0-0.25	MI		X	X
0628-B1084-SS01-C-0000	Igloo B-1084 Drain	0-0.5	Composite		X	X
0628-B1085-SS01-M-0000	Igloo B-1085	0-0.25	MI		X	X
0628-B1085-SS01-M-0000-MS/MSD	Igloo B-1085	0-0.25	MI	MS/MSD	X	X
0628-B1085-SS01-C-0000	Igloo B-1085 Drain	0-0.5	Composite		X	X
0628-B1086-SS01-M-0000	Igloo B-1086	0-0.25	MI		X	X
0628-B1086-SS01-C-0000	Igloo B-1086 Drain	0-0.5	Composite		X	X
0628-B1087-SS01-M-0000	Igloo B-1087	0-0.25	MI		X	X
0628-B1087-SS01-C-0000	Igloo B-1087 Drain	0-0.5	Composite		X	X
0628-B1088-SS01-M-0000	Igloo B-1088	0-0.25	MI		X	X
0628-B1088-SS01-C-0000	Igloo B-1088 Drain	0-0.5	Composite		X	X
0628-B1089-SS01-M-0000	Igloo B-1089	0-0.25	MI		X	X
0628-B1089-SS01-C-0000	Igloo B-1089 Drain	0-0.5	Composite		X	X
0628-B1090-SS01-M-0000	Igloo B-1090	0-0.25	MI		X	X
0628-B1090-SS01-C-0000	Igloo B-1090 Drain	0-0.5	Composite		X	X
0628-B1091-SS01-M-0000	Igloo B-1091	0-0.25	MI		X	X
0628-B1091-SS01-C-0000	Igloo B-1091 Drain	0-0.5	Composite		X	X
0628-B1092-SS01-M-0000	Igloo B-1092	0-0.25	MI		X	X
0628-B1092-SS01-C-0000	Igloo B-1092 Drain	0-0.5	Composite		X	X

Table 9-3 Proposed RCRA Facility Investigation Sampling and Analyses at AOC 28, Fort Wingate Depot Activity (4 of 5)

					Explosives	Metals
Method					8330B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment		
0628-B1093-SS01-M-0000	Igloo B-1093	0-0.25	MI		X	X
0628-B1093-SS01-C-0000	Igloo B-1093 Drain	0-0.5	Composite		X	X
0628-B1094-SS01-M-0000	Igloo B-1094	0-0.25	MI		X	X
0628-B1094-SS01-C-0000	Igloo B-1094 Drain	0-0.5	Composite		X	X
0628-B1095-SS01-M-0000	Igloo B-1095	0-0.25	MI		X	X
0628-B1095-SS01-C-0000	Igloo B-1095 Drain	0-0.5	Composite		X	X
0628-B1095-SS01-C-0000-DUP	Igloo B-1095 Drain	0-0.5	Composite DUP		X	X
0628-B1096-SS01-M-0000	Igloo B-1096	0-0.25	MI		X	X
0628-B1096-SS01-C-0000	Igloo B-1096 Drain	0-0.5	Composite		X	X
0628-B1097-SS01-M-0000	Igloo B-1097	0-0.25	MI		X	X
0628-B1097-SS01-C-0000	Igloo B-1097 Drain	0-0.5	Composite		X	X
0628-B1098-SS01-M-0000	Igloo B-1098	0-0.25	MI		X	X
0628-B1098-SS01-M-0000-MS/MSD	Igloo B-1098	0-0.25	MI	MS/MSD	X	X
0628-B1098-SS01-C-0000	Igloo B-1098 Drain	0-0.5	Composite		X	X
0628-B1099-SS01-M-0000	Igloo B-1099	0-0.25	MI		X	X
0628-B1099-SS01-C-0000	Igloo B-1099 Drain	0-0.5	Composite		X	X
0628-B1100-SS01-M-0000	Igloo B-1100	0-0.25	MI		X	X
0628-B1100-SS01-C-0000	Igloo B-1100 Drain	0-0.5	Composite		X	X
0628-YB1002-SS01-M-0000	Revetment Y-B1002	0.16-0.5	MI		X	X
0628-YB1003-SS01-M-0000	Revetment Y-B1003	0.16-0.5	MI		X	X
0628-YB1004-SS01-M-0000	Revetment Y-B1004	0.16-0.5	MI		X	X
0628-YB1005-SS01-M-0000	Revetment Y-B1005	0.16-0.5	MI		X	X
0628-YB1006-SS01-M-0000	Revetment Y-B1006	0.16-0.5	MI		X	X
0628-YB1008-SS01-M-0000	Revetment Y-B1008	0.16-0.5	MI		X	X
0628-YB1009-SS01-M-0000	Revetment Y-B1009	0.16-0.5	MI		X	X
0628-YB1011-SS01-M-0000	Revetment Y-B1011	0.16-0.5	MI		X	X
0628-YB1013-SS01-M-0000	Revetment Y-B1013	0.16-0.5	MI		X	X
0628-YB1013-SS01-M-0000-DUP	Revetment Y-B1013	0.16-0.5	MI DUP		X	X
0628-YB1014-SS01-M-0000	Revetment Y-B1014	0.16-0.5	MI		X	X
0628-YB1015-SS01-M-0000	Revetment Y-B1015	0.16-0.5	MI		X	X
0628-YB1017-SS01-M-0000	Revetment Y-B1017	0.16-0.5	MI		X	X
0628-YB1018-SS01-M-0000	Revetment Y-B1018	0.16-0.5	MI		X	X
0628-YB1018-SS01-M-0000-DUP	Revetment Y-B1018	0.16-0.5	MI DUP		X	X
0628-YB1019-SS01-M-0000	Revetment Y-B1019	0.16-0.5	MI		X	X
0628-YB1020-SS01-M-0000	Revetment Y-B1020	0.16-0.5	MI		X	X
0628-YB1021-SS01-M-0000	Revetment Y-B1021	0.16-0.5	MI		X	X
0628-YB1022-SS01-M-0000	Revetment Y-B1022	0.16-0.5	MI		X	X
0628-YB1023-SS01-M-0000	Revetment Y-B1023	0.16-0.5	MI		X	X
0628-YB1023-SS01-M-0000-MS/MSD	Revetment Y-B1023	0.16-0.5	MI	MS/MSD	X	X
0628-YB1024-SS01-M-0000	Revetment Y-B1024	0.16-0.5	MI		X	X
0628-YB1025-SS01-M-0000	Revetment Y-B1025	0.16-0.5	MI		X	X
0628-YB1027-SS01-M-0000	Revetment Y-B1027	0.16-0.5	MI		X	X
0628-YB1027-SS01-M-0000-DUP	Revetment Y-B1027	0.16-0.5	MI DUP		X	X
0628-YB1028-SS01-M-0000	Revetment Y-B1028	0.16-0.5	MI		X	X
0628-YB1029-SS01-M-0000	Revetment Y-B1029	0.16-0.5	MI		X	X
0628-YB1030-SS01-M-0000	Revetment Y-B1030	0.16-0.5	MI		X	X
0628-YB1032-SS01-M-0000	Revetment Y-B1032	0.16-0.5	MI		X	X
0628-YB1033-SS01-M-0000	Revetment Y-B1033	0.16-0.5	MI		X	X
0628-YB1034-SS01-M-0000	Revetment Y-B1034	0.16-0.5	MI		X	X
0628-YB1034-SS01-M-0000-MS/MSD	Revetment Y-B1034	0.16-0.5	MI	MS/MSD	X	X
0628-YB1035-SS01-M-0000	Revetment Y-B1035	0.16-0.5	MI		X	X
0628-YB1036-SS01-M-0000	Revetment Y-B1036	0.16-0.5	MI		X	X
0628-YB1038-SS01-M-0000	Revetment Y-B1038	0.16-0.5	MI		X	X
0628-YB1039-SS01-M-0000	Revetment Y-B1039	0.16-0.5	MI		X	X
0628-YB1039-SS01-M-0000-DUP	Revetment Y-B1039	0.16-0.5	MI DUP		X	X
0628-YB1040-SS01-M-0000	Revetment Y-B1040	0.16-0.5	MI		X	X
0628-YB1041-SS01-M-0000	Revetment Y-B1041	0.16-0.5	MI		X	X
0628-YB1042-SS01-M-0000	Revetment Y-B1042	0.16-0.5	MI		X	X
0628-YB1043-SS01-M-0000	Revetment Y-B1043	0.16-0.5	MI		X	X
0628-YB1045-SS01-M-0000	Revetment Y-B1045	0.16-0.5	MI		X	X
0628-YB1046-SS01-M-0000	Revetment Y-B1046	0.16-0.5	MI		X	X
0628-YB1047-SS01-M-0000	Revetment Y-B1047	0.16-0.5	MI		X	X
0628-YB1048-SS01-M-0000	Revetment Y-B1048	0.16-0.5	MI		X	X

Table 9-3 Proposed RCRA Facility Investigation Sampling and Analyses at AOC 28, Fort Wingate Depot Activity (5 of 5)

					Explosives	Metals
Method					8330B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment		
0628-YB1051-SS01-M-0000	Revetment Y-B1051	0.16-0.5	MI		X	X
0628-YB1051-SS01-M-0000-MS/MSD	Revetment Y-B1051	0.16-0.5	MI	MS/MSD	X	X
0628-YB1052-SS01-M-0000	Revetment Y-B1052	0.16-0.5	MI		X	X
0628-YB1055-SS01-M-0000	Revetment Y-B1055	0.16-0.5	MI		X	X
0628-YB1058-SS01-M-0000	Revetment Y-B1058	0.16-0.5	MI		X	X
0628-YB1059-SS01-M-0000	Revetment Y-B1059	0.16-0.5	MI		X	X
0628-YB1060-SS01-M-0000	Revetment Y-B1060	0.16-0.5	MI		X	X
0628-YB1061-SS01-M-0000	Revetment Y-B1061	0.16-0.5	MI		X	X
0628-YB1066-SS01-M-0000	Revetment Y-B1066	0.16-0.5	MI		X	X
0628-YB1067-SS01-M-0000	Revetment Y-B1067	0.16-0.5	MI		X	X
0628-YB1067-SS01-M-0000-MS/MSD	Revetment Y-B1067	0.16-0.5	MI	MS/MSD	X	X
0628-YB1068-SS01-M-0000	Revetment Y-B1068	0.16-0.5	MI		X	X
0628-YB1072-SS01-M-0000	Revetment Y-B1072	0.16-0.5	MI		X	X
0628-YB1074-SS01-M-0000	Revetment Y-B1074	0.16-0.5	MI		X	X
0628-YB1083-SS01-M-0000	Revetment Y-B1083	0.16-0.5	MI		X	X
0628-YB1084-SS01-M-0000	Revetment Y-B1084	0.16-0.5	MI		X	X
0628-YB1084-SS01-M-0000-DUP	Revetment Y-B1084	0.16-0.5	MI DUP		X	X
0628-YB1085-SS01-M-0000	Revetment Y-B1085	0.16-0.5	MI		X	X
0628-YB1086-SS01-M-0000	Revetment Y-B1086	0.16-0.5	MI		X	X
0628-EB01-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB02-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB03-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB04-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB05-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB06-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB07-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB08-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB09-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
Total Normal Samples					238	238
Total Duplicates					24	24
Total Equipment Blanks (Rinsate water sample)					9	9
Total Trip Blanks					0	0
Total MS/MSD Samples (lab counts each separately)					14	14
Total Soil Samples					290	290
Total Water Samples					9	9
Total Analyses					299	299

Notes

bgs = below ground surface
Discrete = discrete location sample
DUP = duplicate sample
Lab QC = Matrix spike/matrix spike duplicate sample set which will be **triple the normal sample volume**
MI = multi-incremental
N/A = not applicable

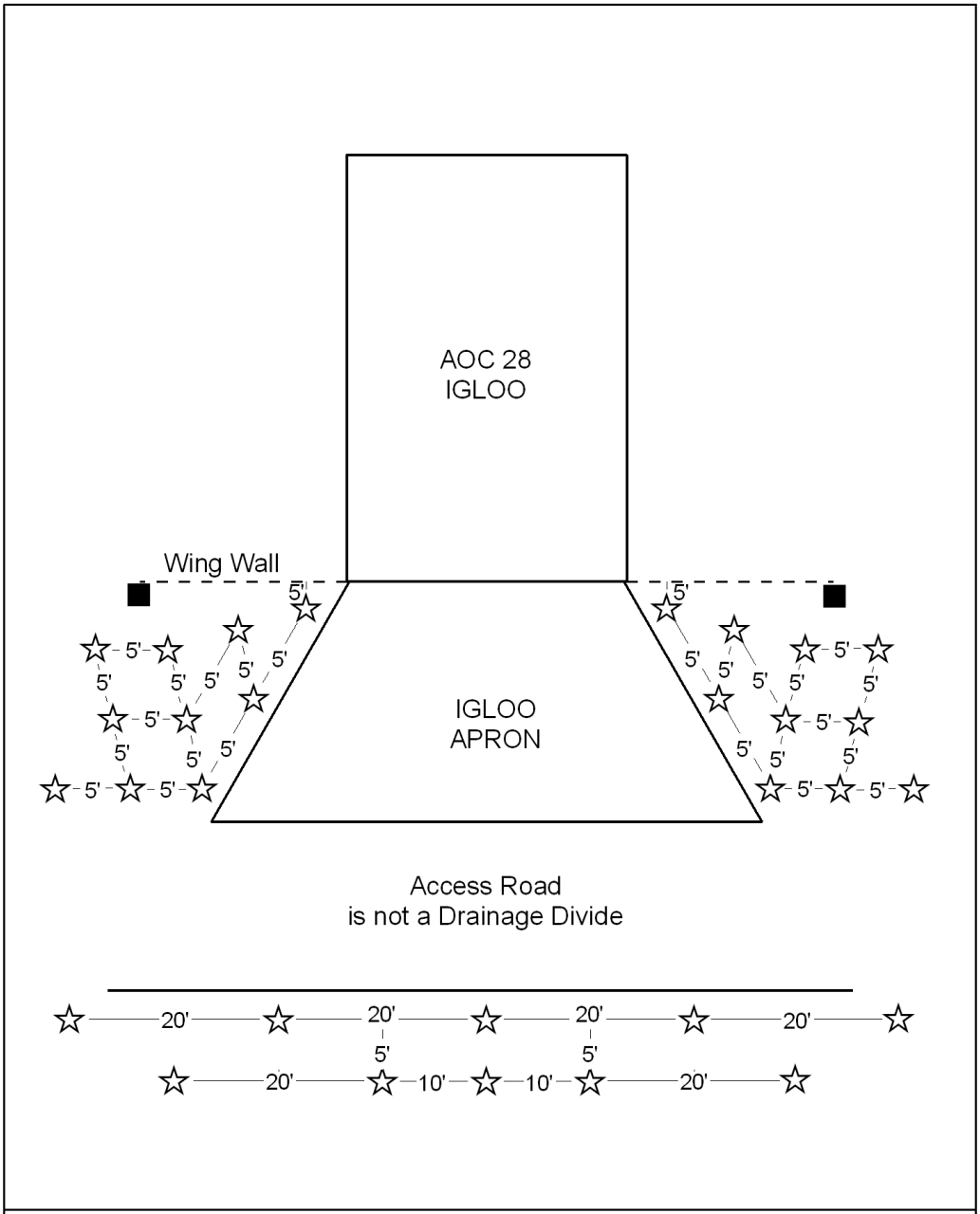

Figure 9-5
Proposed Mult-Incremental Subsampling Locations
AOC 28 Igloos
Fort Wingate Depot Activity, New Mexico

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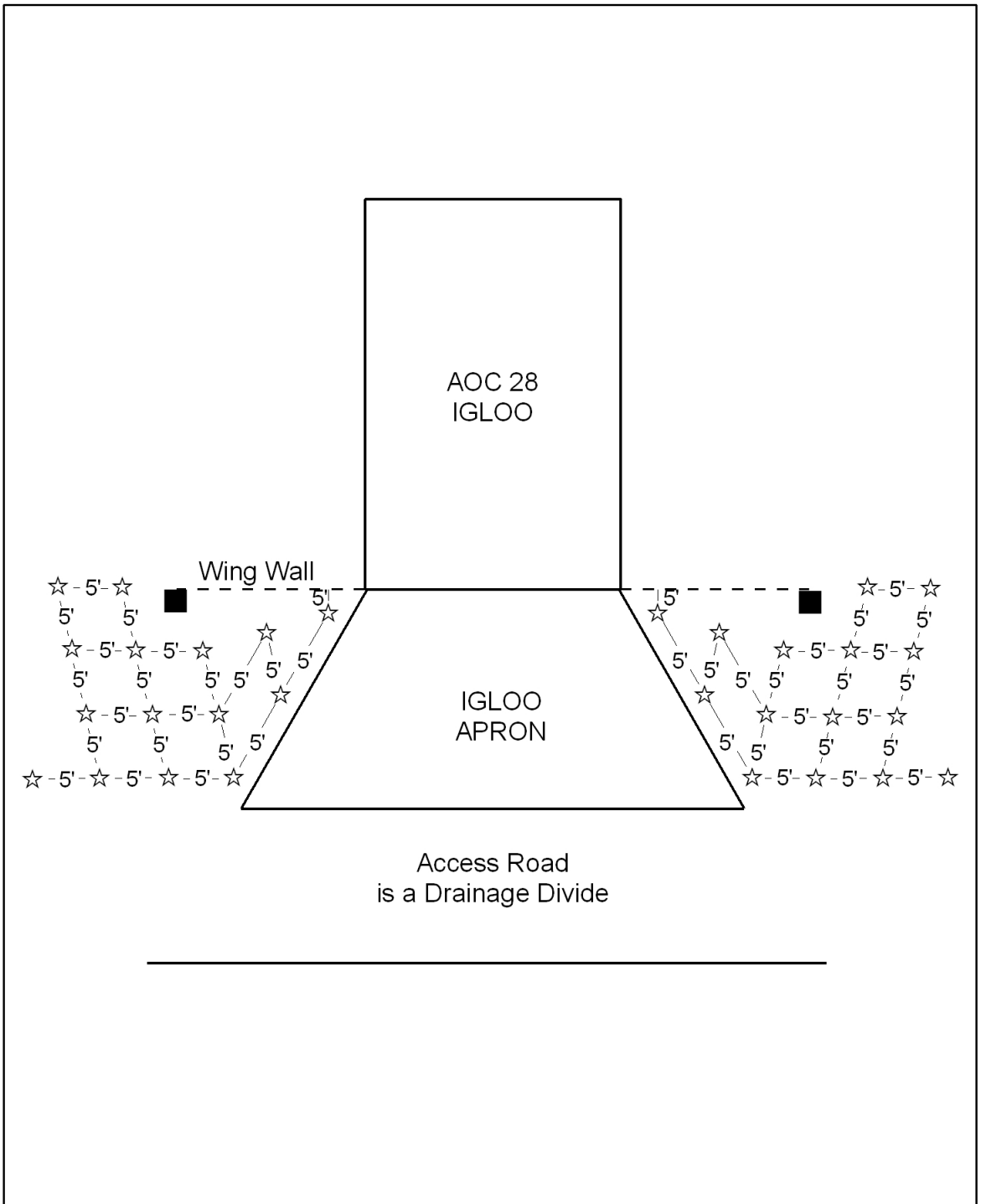

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☆ Multi-Incremental Subsample

■ Discrete Drain Sample Location

Figure 9-6
Proposed Mult-Incremental Subsampling Locations
AOC 28 Igloos
Fort Wingate Depot Activity, New Mexico

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Photograph 9-1 Igloo B-1004, facing west, Fort Wingate Depot Activity

Photograph 9-2 Igloo B-1064, facing south, Fort Wingate Depot Activity

Photograph 9-3 Revetment Y-B1005, facing south, Fort Wingate Depot Activity

Photograph 9-4 Revetment Y-B1086 facing, south, Fort Wingate Depot Activity

10.0 AOC 42: Building 516

10.1 Background

10.1.1 Location, Description, and Operational History

Building 516 is listed as AOC 42 and is located in the northeast portion of Parcel 6, in the Workshop Area of the FWDA, as shown in Figure 10-1. Photographs 10-1 and 10-2, which are provided at the end of this section, show various views of Building 516. Building 516 is listed as the ammunition receiving building and was constructed in 1948. The building is a 400-square-foot brick structure with a reinforced concrete floor (FWDA, 1961; Daniel, 1994). This building has no water service and was not connected to the sanitary sewer.

Based on available documentation, Building 516 was used solely for the initial receipt and storage of ammunition. No specific documentation was available to indicate the types of ammunition stored or the exact dates of the operational history of Building 516.

10.1.2 Surface Conditions

The area adjacent to AOC 42 has a generally flat topography with a vegetation cover of grass and sagebrush.

10.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 42.

10.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 42. Ammunition was handled and temporarily stored at AOC 42; therefore, explosives and lead are considered the only COPCs. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the initial receipt and storage of ammunition.

10.2 Previous Investigations

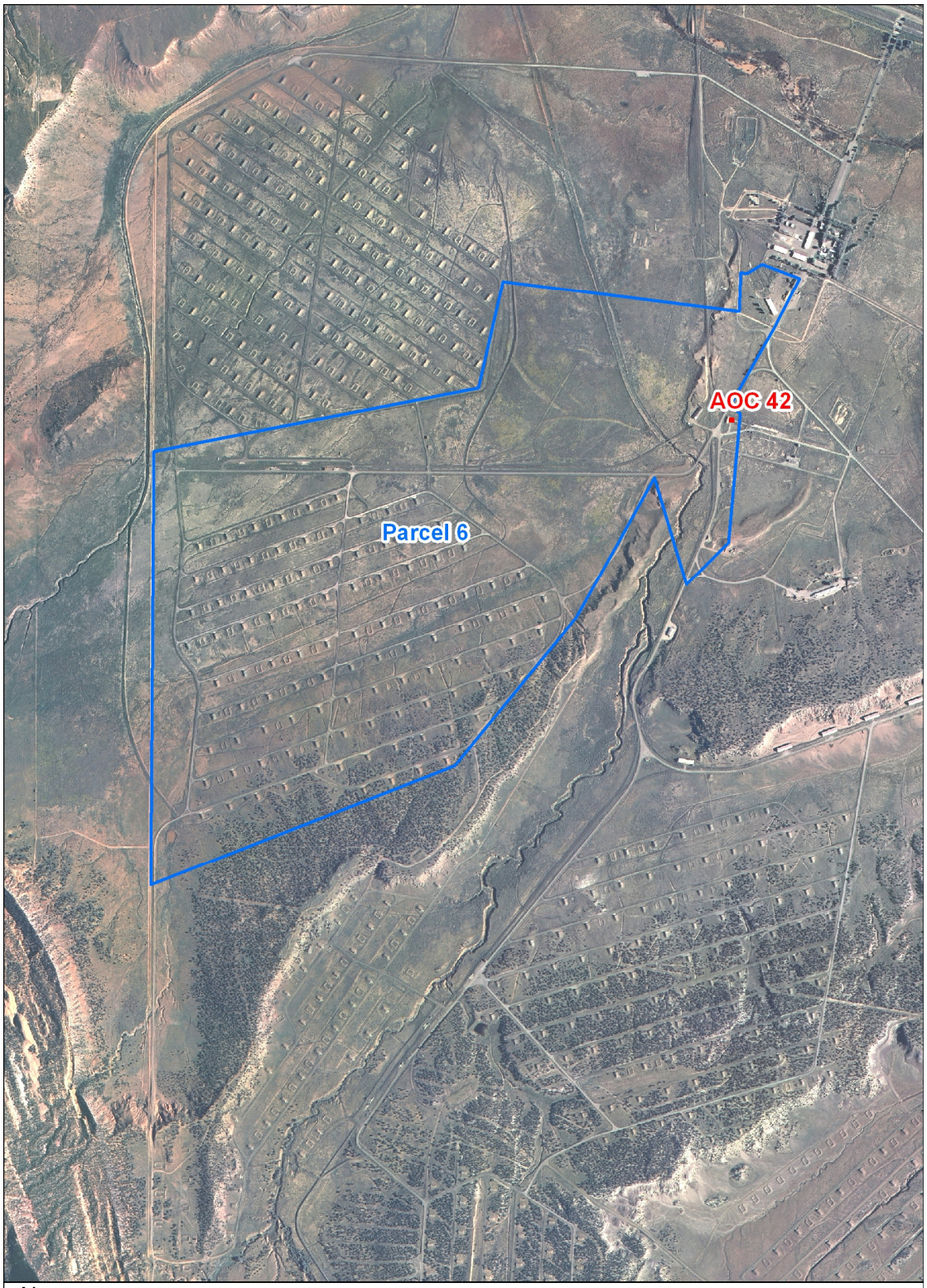
10.2.1 Nonsampling Data

Facilities Data Fort Wingate Ordnance Depot, Gallup, New Mexico; FWDA, 1961

This report includes relevant construction information for Building 516.

New Mexico Historic Building Inventory Form; Daniel, 1994

This report includes relevant construction information for Building 516.



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Parcel 6 Boundary

AOC Boundary

Equals 1,500 feet

Figure 10-1

AOC 42 Location Map
Fort Wingate Depot Activity, New Mexico

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Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 42 in the 2006 report is as follows:

1935 – No significant findings

1948 – Building 516 present; no significant findings

1952 – No significant findings

1958 – No significant findings

1962 – No significant findings

1966 – No significant findings

1973 – No significant findings

1978 – No significant findings

1985 – No significant findings

1991 – No significant findings

1993 – No photo coverage

1997 – No significant findings

While not specifically stated in the summary of this report, Building 516 is visible from 1948 to 1997. Based on further review of this report and the aerial photographs, it appears as if the 2006 report states "no significant findings" if there were no observed environmental concerns. That statement does not mean that the buildings were not present or that other changes to the area were not observed.

10.2.2 Sampling Data

Final Asbestos Survey Report, Volume II, Book 1; Pickering Environmental, 1990

This report includes results of an ACM investigation completed at various FWDA buildings. Results indicated that no ACM was present at Building 516.

Environmental Baseline Survey for the Transfer of Lands at Fort Wingate Depot Activity, New Mexico; USACE, 2000

This report documents a survey for ACM; no suspect ACM was found. No information exists regarding LBP or PCBs. LBP is assumed to be present based on building construction dates.

Release Assessment; CH2M HILL, 2008

Results of the release assessment sampling conducted in July 2008 are presented in Section 10.3.3.

10.2.3 Conceptual Model

10.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 42 that would result in COPCs being present at this site. This site was identified as an AOC based on the historical ammunition receiving activities at Building 516.

10.2.3.2 Fate and Transport

If contamination is present at AOC 42, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

10.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 10.3.3.

10.3 Release Assessment

10.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 42. As discussed above, this site was identified as an AOC based on historical ammunition receiving activities at Building 516.

10.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 42 on July 18, 2008. No man made debris or evidence of soil staining were observed at the ground surface at AOC 42. The interior of Building 516 was clear of any debris or staining.

A site reconnaissance field form and a copy of the field notes are presented in Appendix E which can be viewed on the CD included with this Work Plan. The photographs taken during the site walk are presented in Appendix F.

10.3.3 Soil Sampling

One MI surface soil sample was collected at AOC 42 and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. The sample location is shown in Figure 10-2. The MI sample consisted of 10 individual sample locations, five each taken from the north and south side of the eastern loading ramp using a 10-foot spacing at a distance of 5 feet from the concrete ramp, as shown in Figure 10-2.

No explosives were positively detected in the sample collected from AOC 42. Lead was detected at a low concentration of 21 mg/kg. This concentration is below the NMED residential SSL for lead, which is 400 mg/kg. A summary of the sample analytical results are presented in Table 10-1. The full laboratory report is presented in Appendix G. The DQE report is provided on the CD as Appendix H.

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- Mult-Incremental Sample Location

Note: 20-ft topographic lines are not visible at this scale

Equals 15 feet

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Figure 10-2

Release Assessment
Multi-Incremental Sampling Locations
AOC 42, Building 516
Fort Wingate Depot Activity, New Mexico

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Table 10-1 Release Assessment Laboratory Data Summary, AOC 42, Building 516, Fort Wingate Depot Activity
(concentrations in mg/kg)

Chemical Class and Laboratory Method	Analyte	RL[a]	NMED Residential Soil SSL[b]	Sample Type	Sample Depth (feet bgs)	AOC 42 FWDA-BLDG516-SS-072208 7/22/2008
Lead - EPA Method 6010B	Lead	0.3688	400	MI	0 - 1	21

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.

10.3.4 Screening Assessments

10.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, positively detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL, which are provided in Appendix I. Lead was the only positively detected COPC at AOC 42. Lead was detected at a maximum concentration of 21 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg.

10.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 42.

10.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, the NMED has directed that additional MI samples be collected from the decision unit. The proposed sampling is discussed in Section 10.4.

10.4 Scope of Activities

The following field activities will be conducted during the RFI at AOC42:

- Collection of one surface soil MI sample from 0- to 6- inches bgs and one subsurface soil MI sample from 6- to 12- inches bgs in the decision unit east of Building 516.
- Analysis of the surface and subsurface MI samples to verify the results from the 2008 release assessment investigation.

10.4.1 Multi-Incremental Soil Sampling

Soil Sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC42. Based on the operational history, the COPC's for AOC42 are RCRA metals and explosives.

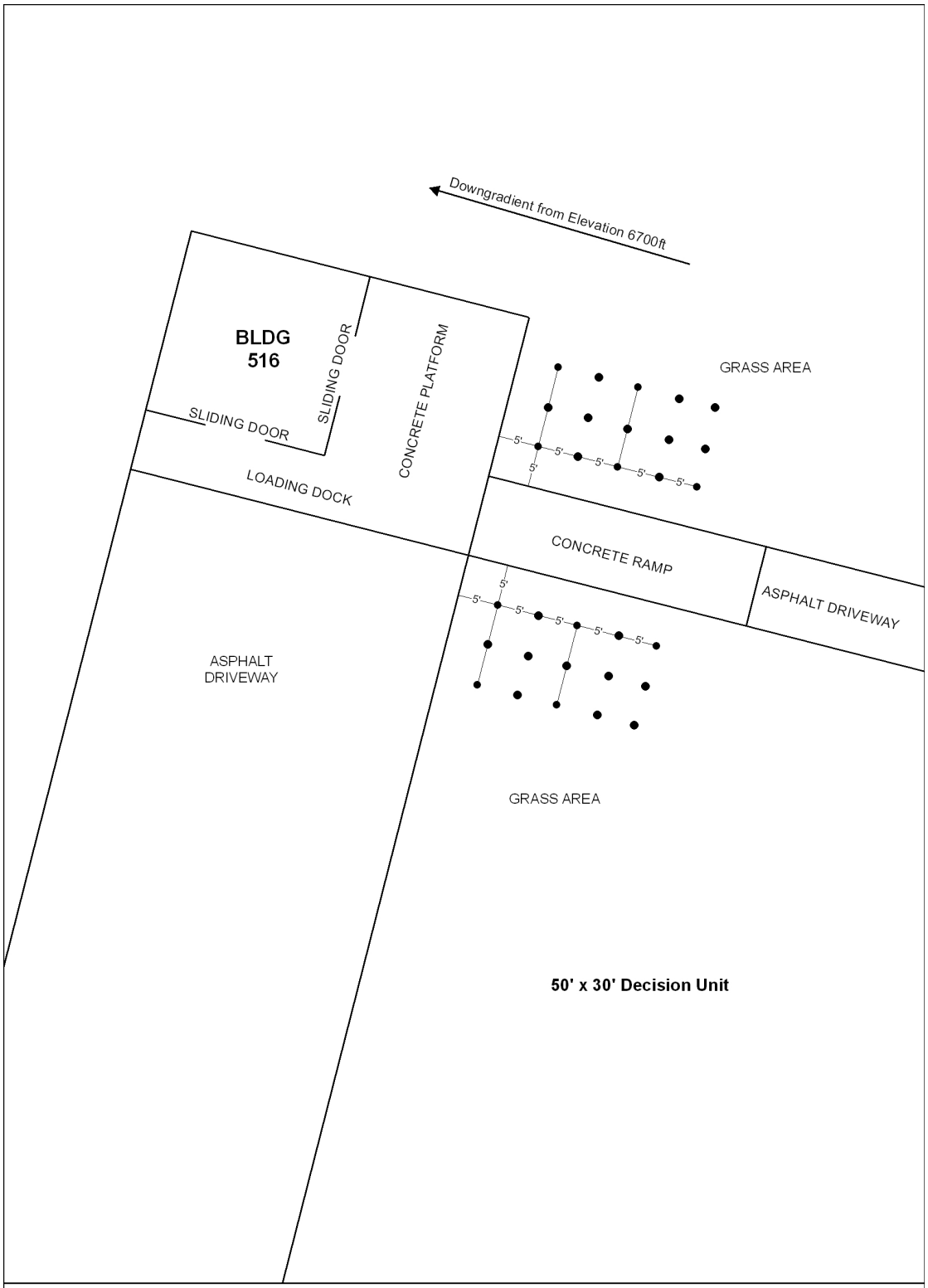
Field activities will include the collection of MI samples in the area east of the concrete platform and loading dock of Building 516. One MI decision unit, with dimensions of approximately 50 feet by 30 feet, will be created in this area as shown in Figure 10-3. A total of 60 subsamples will be collected using a hand auger from the decision unit. Thirty subsamples will be collected from 0- to 6- inches bgs, and 30 subsamples form 6- to 12- inches bgs in the decision unit.

Table 10-2 summarizes the proposed MI soil sampling at AOC42. All samples will be analyzed for RCRA metals (EPA Methods 6010B and 7471A) and explosives (EPA Method 8330B).

Table 10-2 Proposed RCRA Facility Investigation Sampling and Analyses for AOC 42, Fort Wingate Depot Activity

Sample Analysis Analytical Method					**RCRA Metals** **6010B and 7471A**	**Explosives** **8330B**
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0642-B516-SS01-M-0000	AOC 42	SB01	MI	0 – 0.5	x	x
0642-B516-SS01-M-0000-DUP	AOC 42	SB01	MI DUP	0 – 0.5	x	x
0642-B516-SB01-M-0001	AOC 42	SB01	MI	0.5 – 1.0	x	x
0642-B516-SB01-M-0001-MS/MSD	AOC 42	SB01	MI MS/MSD	0.5 – 1.0	x	x
0642-EB01	AOC 42	SB01	Equipment Blank	N/A	x	x
Total Normal Samples					2	2
Total Duplicates					1	1
Total Equipment Blanks (Rinsate water sample)					1	1
Total MS/MSD Samples (lab counts each separately)					1	1
Total Soil Samples					5	5
Total Water Samples					1	1
Total Analyses					6	6

bgs = below ground surface
DUP = duplicate sample
MI = multi-incremental
RCRA = Resource Conservation and Recovery Act



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Legend

- Mult-Incremental Sample Location

Note: 20-ft topographic lines are not visible at this scale

Equals 15 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG10-3.MXD JQUAN 4/21/2010 12:01:13

Figure 10-3
Proposed RCRA Facility Investigation
Multi-Incremental Sampling Locations
AOC 42, Building 516
Fort Wingate Depot Activity, New Mexico

CH2MHILL

Photograph 10-1 Building 516, facing southwest, Fort Wingate Depot Activity

Photograph 10-2 Interior of Building 516, facing west, Fort Wingate Depot Activity

11.0 AOC 61: Building 507

11.1 Background

11.1.1 Location, Description, and Operational History

Building 507 is listed as AOC 61 and is located in the northeast portion of Parcel 6, in the Workshop Area of the FWDA installation, as shown in Figure 11-1. Photographs 11-1 and 11-2, which are provided at the end of this section, show various views of Building 507. Building 507 is listed as the smokeless powder magazine and was constructed in 1948. This building has 100 square feet of usable area and is constructed of concrete with an earth-fill covering and a reinforced concrete floor (FWDA, 1961). This building has no water service and was not connected to the sanitary sewer.

Based on available documentation, Building 507 was used solely for the storage of smokeless powder. Smokeless powder is the name given to a number of propellants used in artillery and firearms. The types of smokeless powder historically stored at Building 507 would likely include cordite and ballistite. No specific documentation was available to indicate the types of smokeless powder stored or the exact dates of the operational history of Building 507.

11.1.2 Surface Conditions

The area adjacent to AOC 61 has a generally flat topography with a vegetation cover of grass and sagebrush.

11.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 61.

11.1.4 Waste Characteristics and Contaminants of Potential Concern

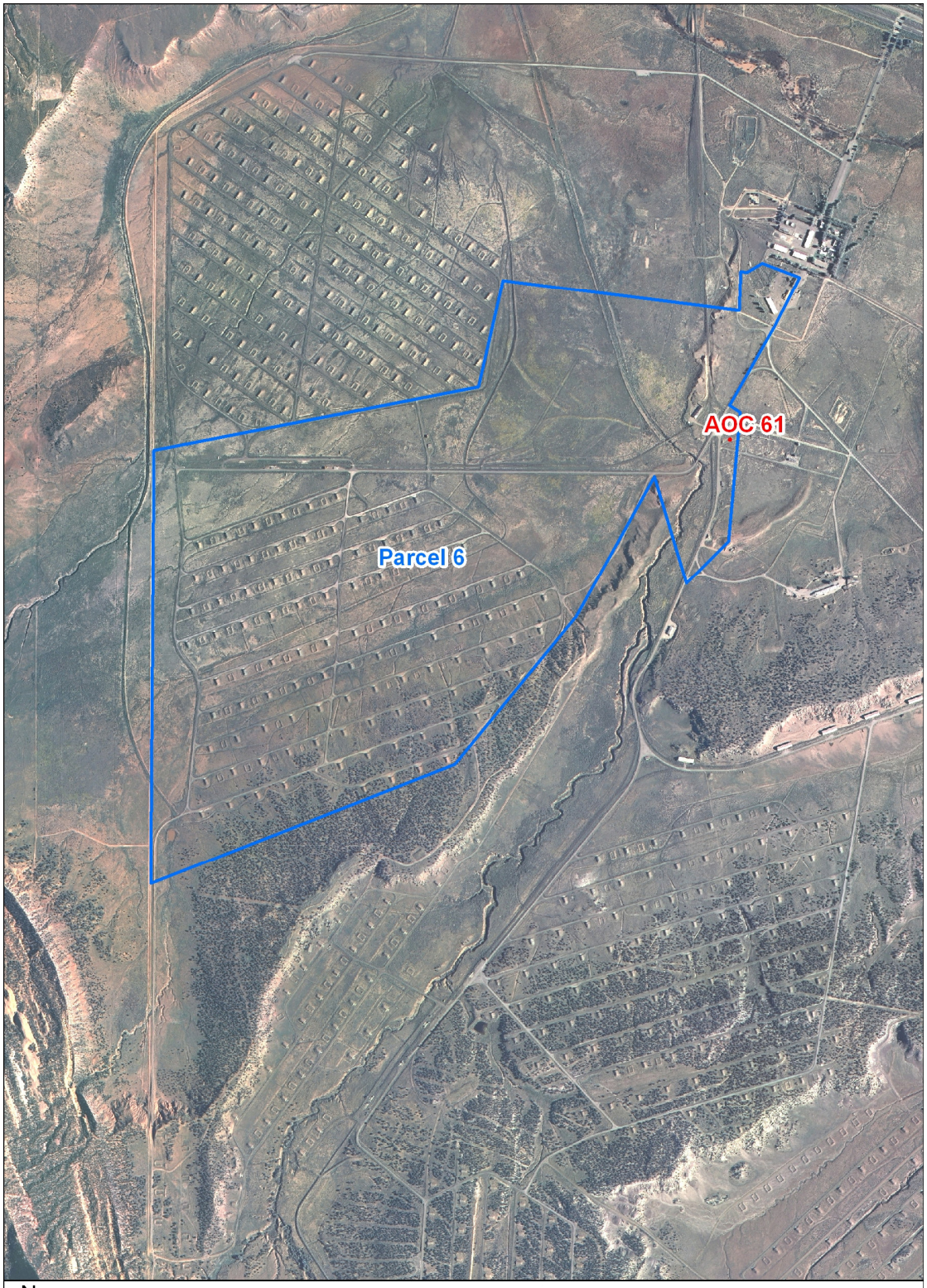
No known wastes or contaminants were historically released at AOC 61. Explosives were handled and stored at AOC 61; therefore, explosives are considered the only COPC. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the storage of smokeless powder.

11.2 Previous Investigations

11.2.1 Nonsampling Data

Facilities Data Fort Wingate Ordnance Depot, Gallup, New Mexico; FWDA, 1961

This report includes relevant construction information for Building 507.



N

Legend

Parcel 6 Boundary

AOC Boundary

Equals 1,500 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG11-1.MXD JQUAN 4/14/2010 11:21:55

Figure 11-1

AOC 61 Location Map
Fort Wingate Depot Activity, New Mexico

CH2MHILL

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 61 in the 2006 report is as follows:

1935 – No significant findings

1948 – Building 507 present; no significant findings

1952 – Building 507 present; no significant findings

1958 – No significant findings

1962 – No significant findings

1966 – No significant findings

1973 – No significant findings

1978 – No significant findings

1985 – No significant findings

1991 – No significant findings

1993 – No photo coverage

1997 – No significant findings

While not specifically stated in the summary from the report above, Building 507 is visible from 1948 to 1997. Based on further review of this report and the aerial photographs, it appears as if the 2006 report states "no significant findings" if there were no observed environmental concerns. That statement does not mean that the buildings were not present or that other changes to the area were not observed.

11.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 11.3.3.

11.2.3 Conceptual Model

11.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 61 that would result in COPCs being present at this site. This site was identified as an AOC based on historical storage of smokeless powder at Building 507.

11.2.3.2 Fate and Transport

If contamination is present at AOC 61, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

11.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 11.3.3.

11.3 Release Assessment

11.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 61. As discussed above, this site was identified as an AOC based on historical storage of smokeless powder at Building 507.

11.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 61 on July 18, 2008. No man-made debris or evidence of soil staining was observed at the ground surface at AOC 61. The interior of Building 507 was clear of any debris or staining.

A site reconnaissance field form and a copy of the field notes are presented in Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in Appendix F.

11.3.3 Soil Sampling

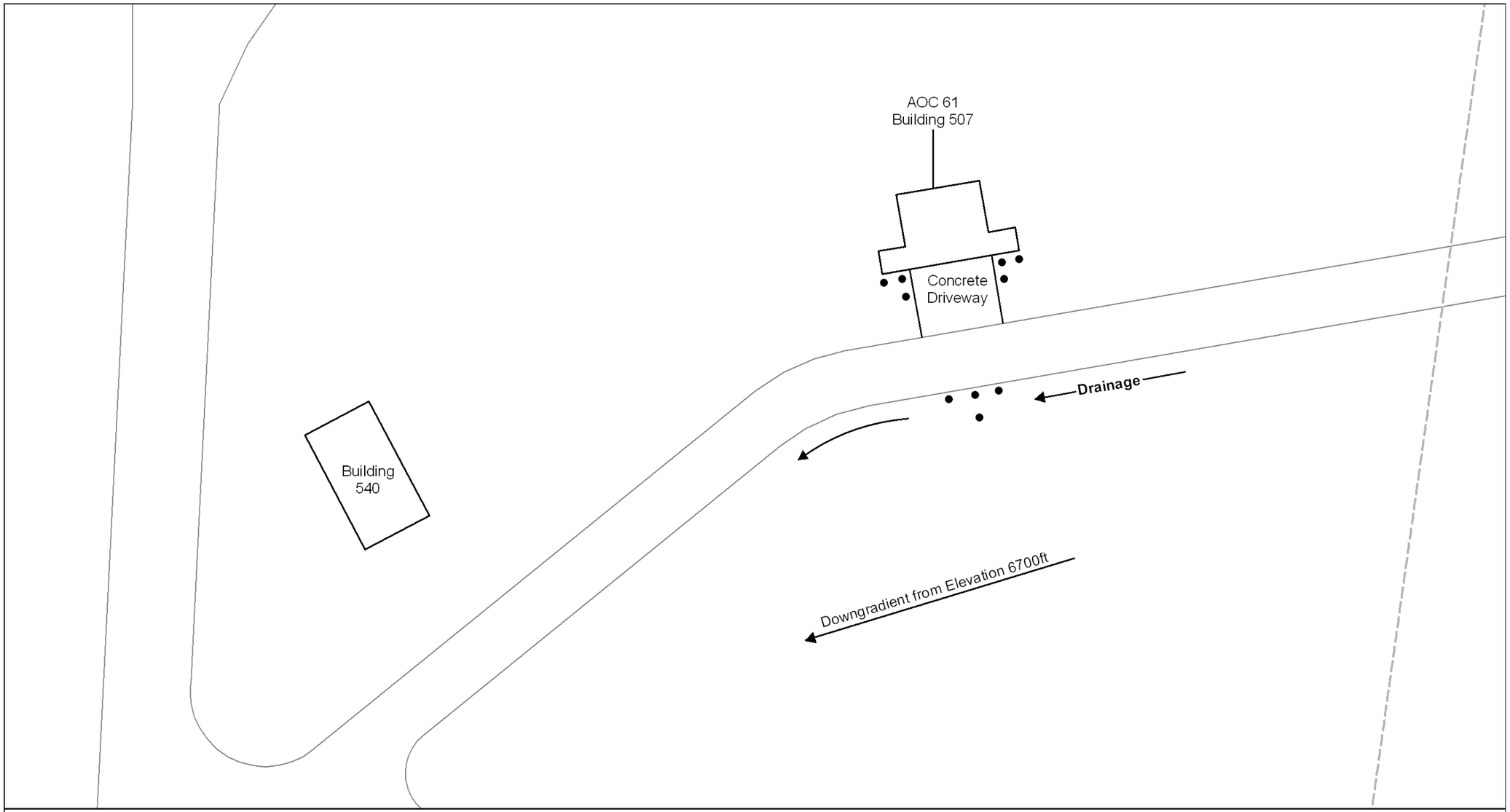
One MI surface soil sample was collected at AOC 61 and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. The sample location is shown in Figure 11-2. The MI sample consisted of 10 individual sample locations, three taken from each side of the driveway leading to the interior of the building using a 5-foot spacing pattern and four taken from across the access road leading to the AOC using a 5-foot spacing pattern, as shown in Figure 11-2.

Results indicate that three explosives compounds (2,4-dinitrotoluene, 2,6-dinitrololuene, and 2-nitrotoluene) and lead were detected at low or qualified concentrations below the NMED residential SSLs or the EPA RSLs for soil. A summary of the sample analysis results is presented in Table 11-1. The full laboratory report is presented in Appendix G. The DQE report is provided in Appendix H. Appendix G and H can be viewed on the CD provided with this Work Plan.

11.3.4 Screening Assessments

11.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL for all positively detected compounds. Detected compounds were evaluated based on comparison to their toxicological endpoint and comparison to NMED residential direct exposure to SSL (NMED, 2009), or if no NMED SSL exists, to the EPA RSL for soil (EPA, 2009), as described in Attachment 7, Section 7.2 of the RCRA Permit. The NMED SSL and EPA RSL are provided in Appendix I.



N

Equals 20 feet

Legend

- Mulit-Incremental Sampling Location

Note: 20-ft topographic lines are not visible at this scale

Figure 11-2

Release Assessment
Multi-Incremental Sampling Locations
AOC 61, Building 507
Fort Wingate Depot Activity, New Mexico

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG11-2.MXD JQUAN 4/21/2010 12:02:22

CH2MHILL

Table 11-1 Release Assessment of Laboratory Data Summary, AOC 61, Building 507 (concentrations shown in mg/kg)

Chemical Class and Laboratory Method	Analyte	RL[a]	NMED Residential Soil SSL[b]	Sample Type	Sample Depth (feet bgs)	AOC 61 FWDA-BLDG507-SS-072208 7/22/2008
Lead - EPA Method 6010B	Lead	0.3688	400	MI	0 - 1	30.8
Explosives- EPA Method 8330B	2,4-Dinitrotoluene	0.23	12.6	MI	0 - 1	0.068 J
	2,6-Dinitrotoluene	0.2	61.2	MI	0 - 1	0.42
	2-Nitrotoluene	0.14	29.1	MI	0 - 1	0.092 J

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[c] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.
Positive detections of explosives compounds are shaded.
Sample collected from 0 to 1 feet below ground surface.
N/A – Not Applicable NC – Non Carcinogen C – Carcinogen Sat – Soil Saturation MI - Multi-incremental

The following positively detected compounds were considered for further screening assessment:

- 2,4-dinitrotoluene, 0.068J mg/kg (J represents estimated value)
- 2,6-dinitrotoluene, 0.42 mg/kg
- 2-nitrotoluene, 0.092J mg/kg
- Lead, 30.8 mg/kg

In accordance with NMED guidance, identified COPCs were used to generate a site risk ratio by dividing the COPC maximum detected concentrations by their respective screening levels and summing all values. The calculations are presented in Equations 11.1 and 11.2.

Equation 11.1 – AOC 61 Noncarcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for 2,4-dinitrotoluene and 2,6-dinitrotoluene}}{\text{NMED residential SSL or EPA Region 6 residential MSSL for direct exposure to soil for each compound}} = \text{Noncarcinogenic Site Risk Ratio}$$

$$\left[\frac{0.068\,J\ mg/kg}{122\ mg/kg} + \frac{0.42\ mg/kg}{61\ mg/kg} = 0.007\ Site\ Risk\ Ratio\right]$$

Equation 11.2 – AOC 61 Carcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for 2-nitrotoluene}}{\text{NMED residential SSL for direct exposure to soil for 2-nitrotoluene}} = \text{Carcinogenic Site Risk Ratio}$$

$$\left[\frac{0.092J\ mg/kg}{10.8\ mg/kg} = 0.009\ Site\ Risk\ Ratio\right]$$

In accordance with NMED guidance, the residential human health-based site risk ratio was calculated to be 0.007 for noncarcinogenic compounds and 0.009 for carcinogenic compounds. Lead was detected at a maximum concentration of 30.8 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg. The calculated risk ratios are below the maximum acceptable ratio of 1. Therefore, the COPCs at this site pose an acceptable level of risk.

11.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 61.

11.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, NMED has directed that additional MI samples be collected from the decision unit. The proposed sampling is discussed in Section 11.4.

11.4 Scope of Activities

The following field activities will be conducted during the RFI at AOC 61:

- Collection of one surface soil MI sample from 0- to 6- inches bgs and one subsurface soil MI sample from 6- to 12- inches bgs in the decision unit east of Building 507.
- Analysis of the surface and subsurface MI samples to verify the results from the 2008 release assessment investigation.

11.4.1 Multi-Incremental Soil Sampling

Soil Sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 61. Based on the operational history, the COPC's for AOC 61 are explosives. Due to the detection of lead during the release assessment investigation, RCRA metals will be included in the RFI analytical program.

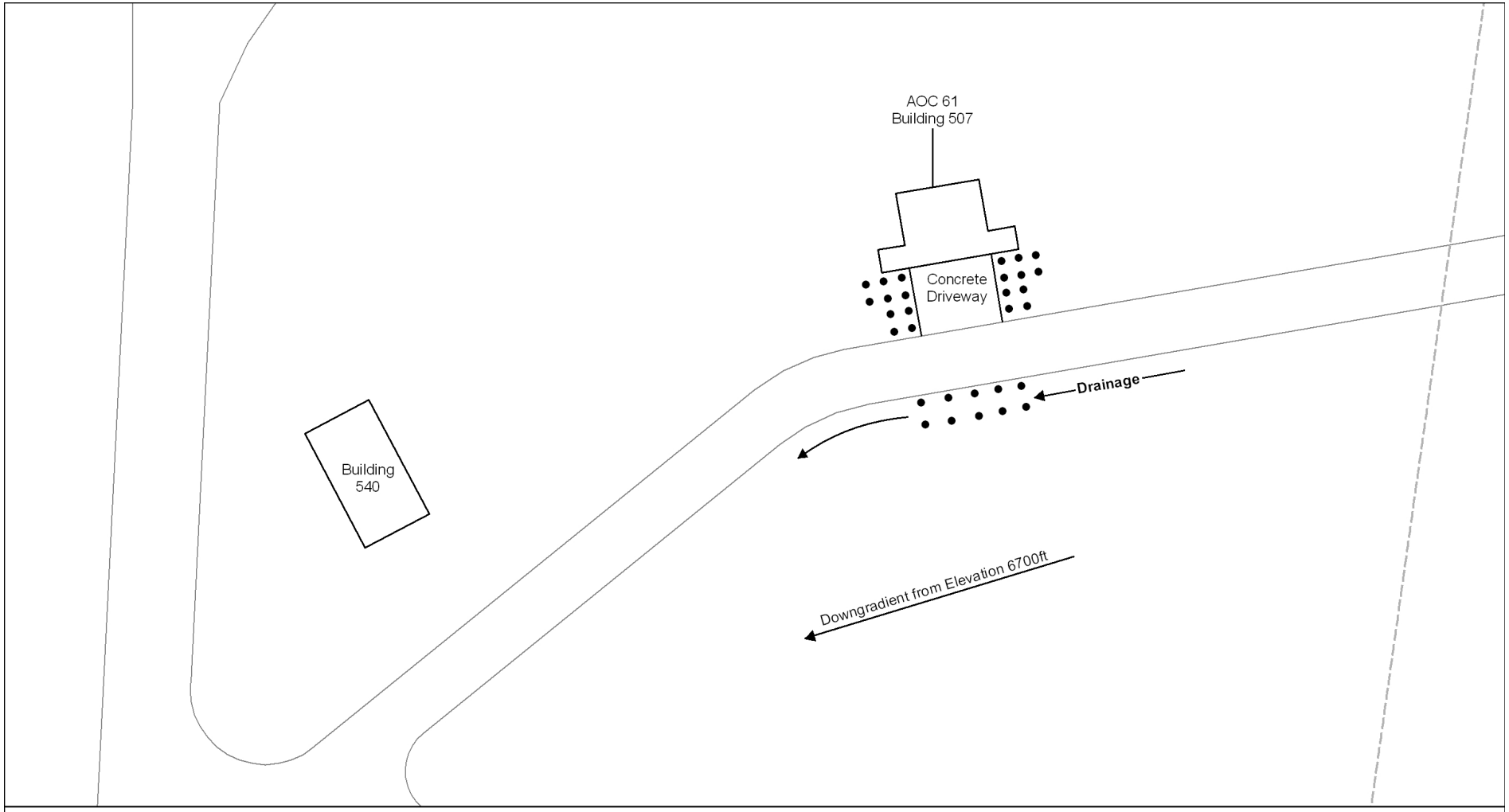
Field activities will include the collection of MI samples in the area south of Building 507. One decision unit, with dimensions of approximately 40 feet by 40 feet, will be created as shown on Figure 11-3. A total of 60 subsamples will be collected using a hand auger from the decision unit. Thirty subsamples will be collected from 0- to 6- inches bgs, and 30 subsamples form 6- to 12- inches bgs in the decision unit.

Table 11-2 summarizes the proposed MI soil sampling at AOC 61. All samples will be analyzed for RCRA metals (EPA Methods 6010B and 7471A) and explosives (EPA Method 8330B).

Table 11-2 Proposed RCRA Facility Investigation Sampling and Analyses for AOC 61, Fort Wingate Depot Activity

Sample Analysis					RCRA Metals	Explosives
Analytical Method					6010B and 7471A	8330B
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0661-B507-SS01-M-0000	AOC 61	SB01	MI	0 – 0.5	x	x
0661-B507-SS01-M-0000-DUP	AOC 61	SB01	MI DUP	0 – 0.5	x	x
0661-B507-SB01-M-0001	AOC 61	SB01	MI	0.5 – 1.0	x	x
0661-B507-SB01-M-0001-MS/MSD	AOC 61	SB01	MI MS/MSD	0.5 – 1.0	x	x
0661-EB01	AOC 61	SB01	Equipment Blank	N/A	x	x
Total Normal Samples					2	2
Total Duplicates					1	1
Total Equipment Blanks (Rinsate water sample)					1	1
ɔtal MS/MSD Samples (lab counts each separately)					1	1
Total Soil Samples					5	5
Total Water Samples					1	1
Total Analyses					6	6

bgs = below ground surface
MI = multi-incremental
RCRA = Resource Conservation and Recovery Act



N

Legend

- Mulit-Incremental Sampling Location

Note: 20-ft topographic lines are not visible at this scale

Equals 20 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG11-2.MXD JQUAN 4/21/2010 12:02:22

Figure 11-3

Proposed RCRA Facility Investigation
Multi-Incremental Sampling Locations
AOC 61, Building 507
Fort Wingate Depot Activity, New Mexico

CH2MHILL

Photograph 11-1 Building 507, facing northeast, Fort Wingate Depot Activity

Photograph 11-2 Building 507, facing northwest, Fort Wingate Depot Activity

12.0 AOC 75: Electrical Transformers

12.1 Background

12.1.1 Location, Description, and Operational History

AOC 75 is identified as the electrical transformers located within Parcel 6. There is no specific information in the available historical documents as to the location of or previous environmental releases from electrical transformers located within Parcel 6. Site reconnaissance indicated that there are four electrical transformers located in Parcel 6, as shown in Figure 12-1.

One electrical transformer is located at each of the following sites:

- A power pole-mounted transformer located to the northwest of Building 51
- A power pole-mounted transformer located to the west of Building 33
- A power pole-mounted transformer located to the north of Building 516
- At the ground surface to the northeast of Building 537.

Photographs 12-1 through 12-4, which are provided at the end of this section, show various views of the electrical transformers. The date of installation of the electrical transformers is unknown.

12.1.2 Surface Conditions

The electrical transformer adjacent to Building 51 is underlain by grass with a generally flat topography. The electrical transformer near Building 33 is underlain by an asphalt parking lot with flat topography. The electrical transformer near Building 519 is underlain by grass and sagebrush with a generally flat topography. The ground surface for the electrical transformer near Building 537 has been elevated from the surrounding area. The electrical transformer is located on top of a concrete pad which is on top of mounded native soil and rock that has minimally revegetated, giving indication that this transformer may have been recently installed. The surface condition of the surrounding area is generally flat with a northerly drainage feature covered by grass and sagebrush.

12.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 75.

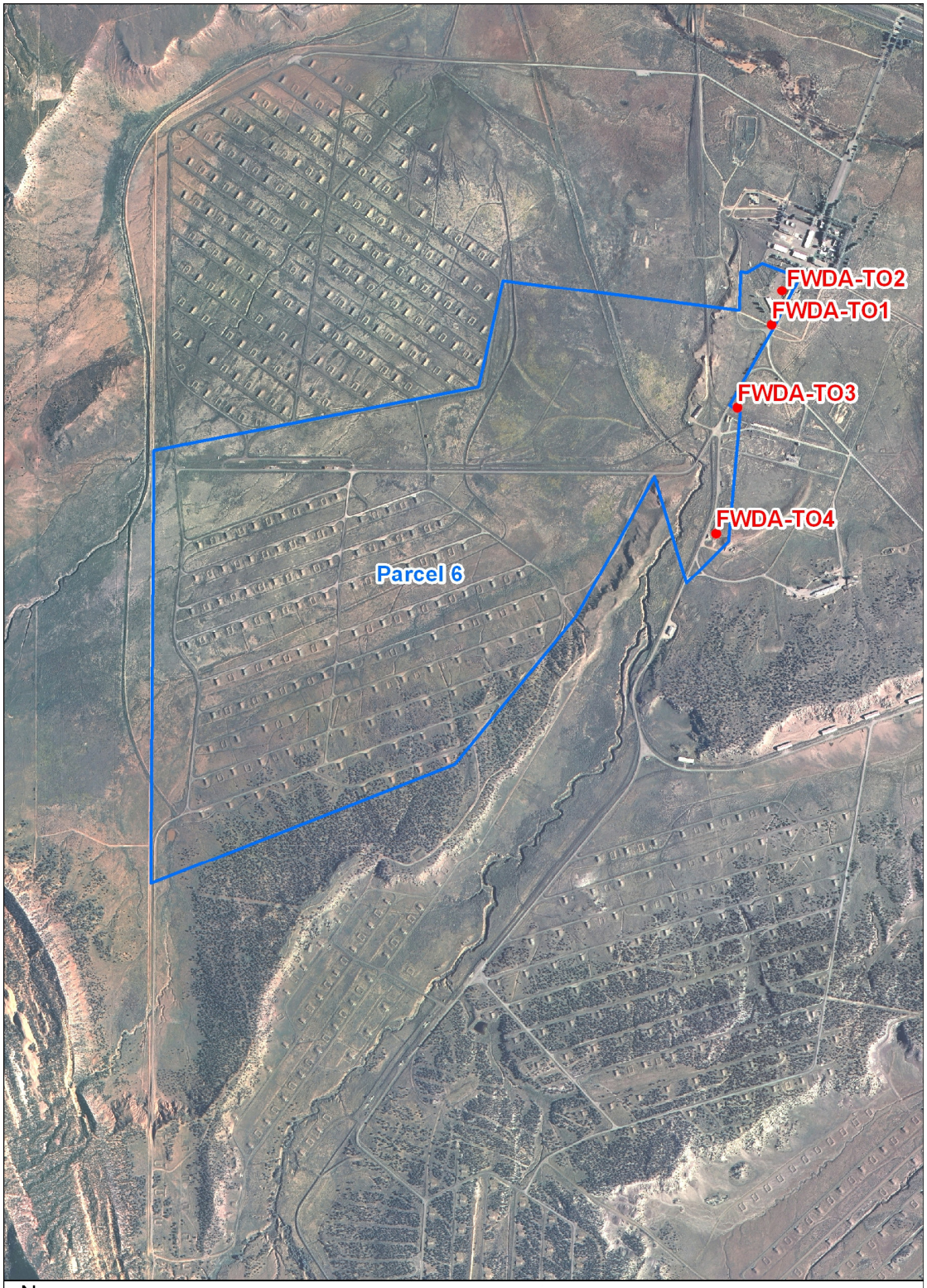
12.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 75. This site was identified as an AOC based on the possibility that some electrical transformers at the FWDA area may have contained PCBs. Therefore, PCBs are the COPC for AOC 75.

12.2 Previous Investigations

12.2.1 Nonsampling Data

No nonsampling data is available for AOC 75.



N

Legend

Parcel 6 Boundary

AOC Boundary

Equals 1,500 feet

Figure 12-1

AOC 75 Location Map
Fort Wingate Depot Activity, New Mexico

CH2MHILL

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG12-1.MXD JQUAN 4/14/2010 12:22:14

12.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 12.3.3.

12.2.3 Conceptual Model

12.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment from the current electrical transformers within Parcel 6 that would result in COPCs being present at these sites.

12.2.3.2 Fate and Transport

If contamination is present at the AOC 75 sites, they could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

12.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 12.3.3.

12.3 Release Assessment

12.3.1 Historical Records/Document Review

There were no historical records or documents found relating to the location, date of installation, or type of electrical transformers expected to be found within Parcel 6. However, none of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 75 within Parcel 6.

12.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 75 on July 30, 2008. Four electrical transformers were found within Parcel 6. The first power pole-mounted transformer is located immediately to the east of Building 51. No staining was observed on the transformer or the ground surface below the transformer. The second power pole-mounted transformer is located immediately to the west of Building 33 in a parking lot area. No staining was observed on the transformer or the ground surface below the transformer and a blue “No PCBs” sticker is attached to this transformer. The third power pole-mounted transformer is located to the north of Building 516. No staining was observed on the transformer or the ground surface below the transformer and a blue “No PCBs” sticker is attached to this transformer. The fourth transformer is a ground surface-mounted transformer to the northeast of Building 537. This transformer appeared to be more recently installed and no staining was observed on the transformer or the ground surface adjacent to the transformer.

Site reconnaissance field forms for each of the four transformers and a copy of the field notes are presented in Appendix E and can be viewed on the CD provided with this Work Plan. The photographs taken during the site reconnaissance are presented in Appendix F.

12.3.3 Soil Sampling

Surface soil samples were collected at each of the four AOC 75 locations. The sample locations are shown in Figure 12-2. One MI sample was collected at each transformer location and analyzed for PCBs using EPA Method 8082. Each of the multi-incremental samples collected consisted of nine individual sample locations taken from a 4-foot-by-4-foot sampling grid and composited into one MI sample with the exception of the ground surface transformer sample which consisted of an 8.5-foot sampling grid centered on the transformer.

Results indicate that no PCBs were detected in any of the samples. The full laboratory report is presented in Appendix G. The DQE report is provided in Appendix H.

12.3.4 Screening Assessments

12.3.4.1 Human Health Screening Assessment

No COPCs were positively detected at any of the AOC 75 sites; therefore, a human health screening assessment was not performed.

12.3.4.2 Risk Assessments

No COPCs were positively detected at any of the AOC 75 sites; therefore, full human health and ecological risk assessments are not necessary for AOC 75.

12.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, the NMED has directed that discrete soil samples be collected at each transformer location.

12.4 Scope of Activities

The following field activities will be conducted during the RFI at AOC 75:

- Collection of one discrete soil sample from 1- to 6- inches bgs for each transformer location.
- Analysis of the surface soil samples to verify the results from the 2008 release assessment investigation.

12.4.1 Discrete Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 75. Based on the operational history, the COPC's for AOC 75 are PCBs.

Field activities will include the collection of discrete surface soil samples at each transformer location. Discrete soil samples will be collected from 1- to 6- inches bgs using a hang auger. The proposed sampling locations are shown on Figure 12-2.

Table 12-1 summarizes the proposed soil sampling at AOC 75. All samples will be analyzed for PCB's (EPA Method 8082).

Table 12-1 Proposed RCRA Facility Investigation Sampling and Analysis for AOC 75 Electrical Transformers, Fort Wingate Depot Activity

					PCBs
Method					**8082**
Specific Analyses Requested					**Polychlorinated Biphenyls**
Sample ID	**Sample Location**	**Sample Depth (feet bgs)**	**Sample Type**	**Chain of Custody Comment**	
0675-SS01-0000	SS01	0 - 0.5	Discrete		x
0675-SS02-0000	SS02	0 - 0.5	Discrete		x
0675-SS03-0000	SS03	0 - 0.5	Discrete		x
0675-SS04-0000	SS04	0 - 0.5	Discrete		x
0675-SS04-0000 Dup	SS04	0 - 0.5	Discrete Dup	MS/MSD	x
0675-EB01	EB01	N/A	Discrete	Equipment Blank	x
Total Normal Samples					4
Total Duplicates					1
Total Equipment Blanks (Rinsate water sample)					1
Total MS/MSD Samples (lab counts each separately)					1
Total Soil Samples					7
Total Water Samples					1
Total Analyses					8

Notes bgs = below ground surface
Discrete = discrete location sample
Dup = duplicate sample
EB = Equipment rinsate blank
Lab QC = Matrix spike/matrix spike duplicate sample set will be triple sample volume
MS/MSD = matrix spike/matrix spike duplicate
N/A = Not Applicable
RCRA = Resource Conservation and Recovery Act

Photograph 12-1 Transformer 01, AOC 75, Fort Wingate Depot Activity

Photograph 12-2 Transformer02, facing northeast, AOC 75, Fort Wingate Depot Activity

Photograph 12-3 Transformer 03, facing southeast, AOC 75, Fort Wingate Depot Activity

Photograph 12-4 Transformer 04, facing southwest, AOC 75, Fort Wingate Depot Activity

13.0 AOC 78/82: Feature 18

13.1 Background

13.1.1 Location, Description, and Operational History

AOC 78/82 is located in the far southwest portion of Parcel 6, extending into Parcels 5A and 4A, as shown in Figure 13-1. Photographs 13-1 through 13-4, which are provided at the end of this section, show various views of AOC 78/82. This AOC is described as Feature 18 on 1973 aerial photo (API-5) in the 1995 Archive Search Report (USACE, 1995). There are four sub-areas of AOC 78/82 that for the purposes of this report are identified as A through D from south to north.

Review of historical FWDA maps for this area indicates that AOC 78/82 sub-areas A through D were used as Open Storage Sites or as Standard Ammunition Magazines. Temporary building numbers of Z-228; Z-224 or X-24; Z-227; and Z-223 or X-23 were identified from south to north for sub-areas A through D. Standard Ammunition Magazines were located at various places across the depot and consisted of covered open-air structures with no walls. Munitions were temporarily stored at these locations from the 1940s to the 1960s. Based on a review of the aerial photographs and available documents, munitions were temporarily stored at AOC 78/82 beginning in the 1940s. Storage operations ceased in the 1960s.

13.1.2 Surface Conditions

AOC 78/82 has a generally flat topography, dipping slightly to the west toward the area drainage feature located immediately to the east of the west patrol road. Vegetation cover at the site consists of mostly grass and sagebrush with some piñon and juniper in the far eastern portions of the AOC. The west patrol road serves as a drainage divide between Parcel 4A and 4B, and Parcel 5A and 5B.

13.1.3 Subsurface Conditions

A subsurface investigation was completed at AOC 78/82 as part of the release assessment as described in Section 13.3.5. As part of this investigation it was determined that the upper approximately 20 inches of sediment is native silt-loam type soil that contained metallic scrap and debris related to the historical operations at the site. All recovered scrap and debris were removed as part of this investigation.

13.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 78/82. This site was identified as an AOC based solely on aerial photography. Explosives were handled and stored at AOC 78/82; therefore, explosives and lead are considered the COPCs for this site. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the temporary storage of munitions.

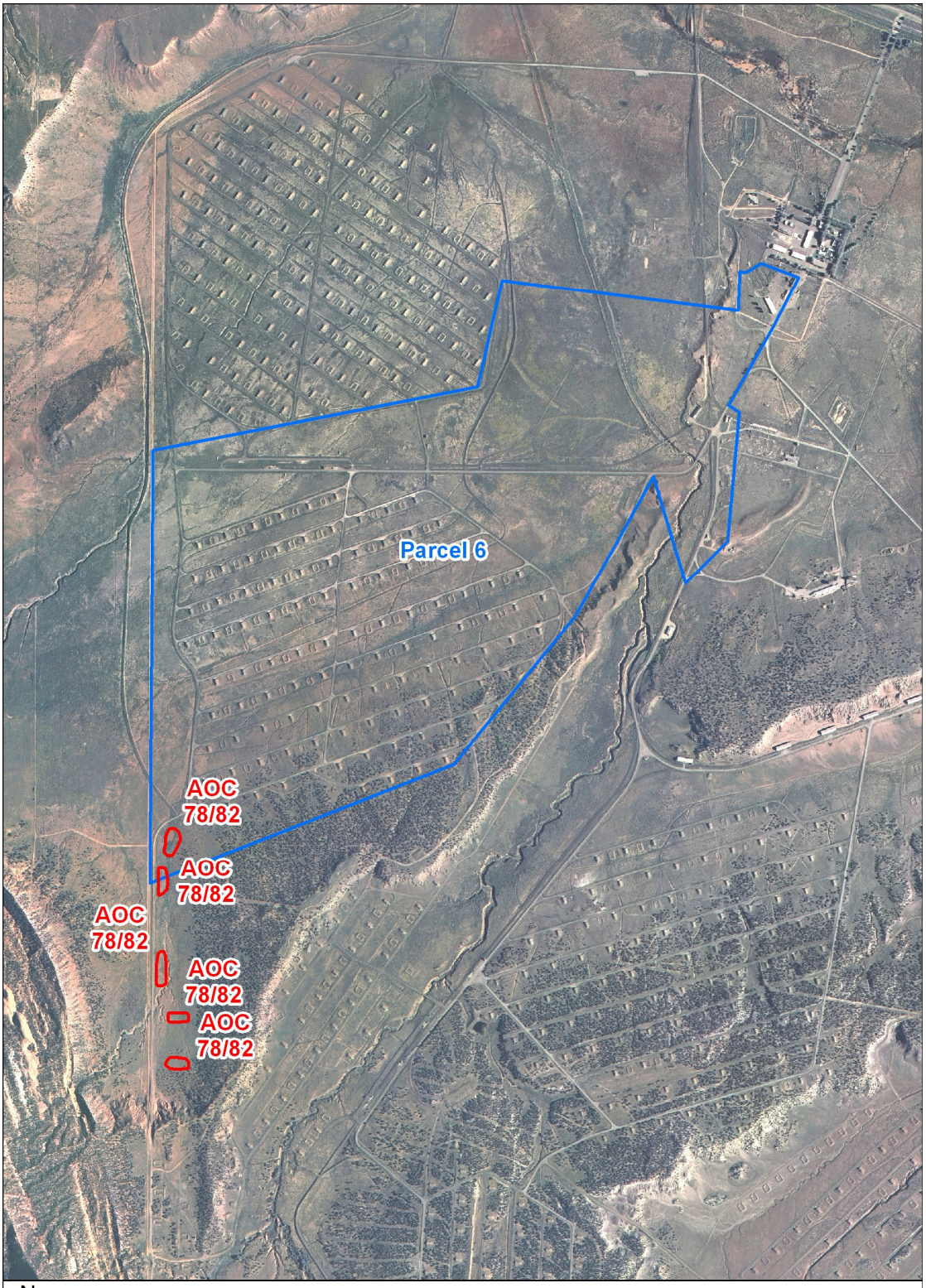


Figure 13-1

AOC 78/82 Location Map
Fort Wingate Depot Activity, New Mexico

13.2 Previous Investigations

13.2.1 Nonsampling Data

Nonsampling data available for AOC 78/82 are summarized below.

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 78/82 in the 2006 report is as follows:

1935 – No significant findings

1948 – Two graded areas are present.

1952 – Two graded scarred areas are present.

1958 – Two graded areas are present.

1962 – One graded area remains.

1966 – One of the graded areas remains.

1973 – A pond has been constructed in the northernmost area; three scarred or graded areas are present to the south

1978 – The pond and two graded areas remain

1985 – The pond remains to the north; the graded areas are revegetating

1991 – The pond remains to the north; a trench or excavation is visible south of the pond; the former graded areas are mostly revegetating.

1993 – No photo coverage

1997 – The pond remains to the north

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within AOC 78/82. However, the report includes background information relevant to areas at the FWDA installation that were previously used to temporarily store inert items and ordnance, such as AOC 78/82. The report indicates that buildings designated with an X- identifier were wood-framed structures with a roof but no walls. These buildings had earth or gravel floors and were present at the FWDA installation from approximately 1945 to 1980. Areas with a Z- identifier were either buildings such as those with the X- identifier or were flat open storage areas with no associated building that were present at the FWDA installation from approximately 1945 to 1980.

13.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Sections 13.3.3 and 13.3.4.

13.2.3 Conceptual Model

13.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 78/82 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have been an area of disturbed ground. However, historical documentation indicates that the area of disturbed ground previously contained Open Storage Sites or Standard Ammunition Magazines, which were buildings used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning in the 1940s and continued until the 1960s when the buildings were removed.

13.2.3.2 Fate and Transport

If contamination is present at AOC 78/82, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

13.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 13.3.3.

13.3 Release Assessment

13.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 78/82. As noted in the aerial photograph analysis report (ERI, 2006), there were no significant findings for AOC 78/82 on any of the photos reviewed from 1935 to 1997 that would suggest a release to the environment at this site other than grading and ground scars. However, review of available documentation indicates that AOC 78/82 previously contained Open Storage Sites or Standard Ammunition Magazines, which were buildings used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning in the 1940s and continued until the 1960s when the buildings were removed.

13.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 78/82 on July 30, 2008. A site walk revealed several small areas containing metallic scrap consisting of nails, bolts, metal packaging banding, as well as several areas containing roofing material and small pieces of lumber.

Construction of a pond was indicated in the previous aerial photograph review. Further review indicates that this area is not a constructed pond, but a low-lying area in the natural drainage that floods and fills with water due to the construction of the west patrol road, which restricts the flow of surface water. No man-made debris was observed at the time of inspection.

A site reconnaissance field form and a copy of the field notes are presented in Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in Appendix F.

13.3.3 Soil Sampling

Surface soil samples were collected at two general locations at each of AOC 78/82 locations A through D. The sample locations are shown in Figure 13-2. Sample locations were chosen in the areas most likely to be affected by previous operations at the individual sites as determined during the field investigation. Each of the eight decision units for the MI sampling was 100 feet by 100 feet in size. The area of each decision unit is slightly less than 0.25 acre and was selected as representative of a residential lot size. Multi-incremental samples were collected and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. Each of the MI samples collected consisted of ten individual subsamples collected from 0-to 12-inches bgs and composited into one MI sample, for a total of eight samples.

Seven explosives compounds (1,3,5-trinitrobenzene, 2,4-dinitrotoluene, 2,6-dinitrololuene, 4-amino-2,6-dinitrotoluene, 3-nitrotoluene, RDX, and tetryl [2,4,6-trinitrophenol]) and lead were detected at concentrations below the NMED residential SSLs or the EPA RSLs for soil. A summary of the sample analysis results is presented in Table 13-1. The full laboratory report is presented in Appendix G. The DQE report is provided in Appendix H.

13.3.4 Digital Geophysical Mapping

CH2M HILL's geophysical services subcontractor, NAEVA Geophysics, Inc. (NAEVA) performed the digital geophysical mapping of AOC 78/82 using a Geonics EM-61 Mk.2 and the Trimble® 5700 Global Positioning System (GPS) receiver using Real Time Kinematic (RTK) technique. The survey equipment and methodology are described below.

The EM-61 Mk.2 is a high spatial resolution, time-domain electromagnetic instrument designed to detect shallow ferrous and non-ferrous metallic objects. The EM-61 Mk.2 system consists of two air-cored coils, a digital data recorder, batteries and processing electronics. The larger of the two coils (mounted closest to the ground), houses a transmitter that generates a pulsed primary magnetic field, which then induces eddy currents in nearby metallic objects. Both the lower and upper coils house receivers, with the capability to either measure the eddy currents at three distinct time intervals in the bottom coil and one time interval in the top coil; or four intervals in the bottom coil if no top coil measurements are recorded. Four time gates from the bottom coil were recorded for the digital geophysical mapping (DGM) surveys at Fort Wingate. Secondary voltages induced in both coils are measured in millivolts. The arrangement of coils is such that there is a vertical separation of 40 centimeters (cm) from the ground to the bottom coil. Assuming accurate data positioning, target resolution of approximately 0.5 meters can be expected. The data are collected using Geomar Software Inc.'s Nav61MK2 program and temporarily stored in an Allegro CX Field PC® prior to downloading to a laptop computer.

Trimble® 5700 RTK GPS is a 24-channel dual frequency RTK receiver that uses two low power radio signals designated as L1 (1575.42 megahertz) and L2 (1227.60 megahertz). This system operates with a base and a rover unit; the base sends corrections to the rover via radio link, thus maintaining a 3 cm horizontal accuracy and a 5 cm vertical accuracy. For configuration with the EM-61 Mk.2, the rover is set to output a Global Positioning System Fix Data format (National Marine Electronics Association) string at 1 Hertz which is captured into the TrackMaker data logging system (NAV61MK2) program and temporarily stored in the Allegro CX Field PC®. The base station utilized for this survey was a Trimble R8 Global Navigation Satellite System (GNSS). The R8 GNSS is a multichannel, multi-frequency receiver, antenna, and data-link radio combined in one device. It uses Trimble R-Track technology to support all GPS signals, including the new L2C signal (transmitted on the L2 frequency) and the planned L5 (civilian safety of life) signal of GPS Modernization, and also supports the Global Orbiting Navigation Satellite System (GLONASS).

Table 13-1 Release Assessment Laboratory Data Summary for AOC 78/82, Feature 18 (concentrations in mg/kg)

Chemical Class and Laboratory Method	**Analyte**	**RL[a]**	**NMED Residential Soil SSL[b]**	AOC 78	AOC 78	AOC 78
				FWDA-AOC78A-01-SS-072108	FWDA-AOC78A-02-SS-072108	FWDA-AOC78B-01-SS-072108
				7/21/2008	7/21/2008	7/21/2008
Lead - EPA Method 6010B	Lead	0.3688	400	7.4	6.6	4.9
Explosives- EPA Method 8330B	1,3,5-Trinitrobenzene	0.2	2,200[c]	<0.2	<0.2	0.1 J
Chemical Class and Laboratory Method	**Analyte**	**RL[a]**	**NMED Residential Soil SSL[b]**	AOC 78	AOC 78	AOC 78
				FWDA-AOC78B-02-SS-072108	FWDA-AOC78C-01-SS-072208	02-SS-072208-DUP
				7/21/2008	7/22/2008	7/22/2008
Lead - EPA Method 6010B	Lead	0.3688	400	5.7	4.6	4.1
Explosives- EPA Method 8330B	2,4-Dinitrotoluene	0.23	12.6	<0.23	<0.23	0.14 J
	2,6-Dinitrotoluene	0.2	61.2	<0.2	<0.2	0.13 J
	4-Amino-2,6-dinitrotoluene	0.25	150[c]	<0.25	<0.25	0.14 J
	Tetryl	0.23	244	<0.23	<0.23	0.08 J
Chemical Class and Laboratory Method	**Analyte**	**RL[a]**	**NMED Residential Soil SSL[b]**	AOC 78	AOC 78	AOC 78
				FWDA-AOC78C-02-SS-072208	FWDA-AOC78D-01-SS-072308	FWDA-AOC78D-02-SS-072308
				7/22/2008	7/23/2008	7/23/2008
Lead - EPA Method 6010B	Lead	0.3688	400	4.4 J	4.4	4.4
Explosives- EPA Method 8330B	1,3,5-Trinitrobenzene	0.2	2,200[c]	<0.2	<0.2	0.088 J
	2,4-Dinitrotoluene	0.23	12.6	<0.23	<0.23	0.08 J
	2,6-Dinitrotoluene	0.2	61.2	0.2	0.2	0.33
	3-Nitrotoluene	0.22	1,560	<0.22	0.2 J	<0.22
	4-Amino-2,6-dinitrotoluene	0.25	150[c]	<0.25	<0.25	0.18 J
	RDX	0.18	35.6	0.18 J	<0.18	0.08 J

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.

[c] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.

Positive detections of explosives compounds are shaded.

Samples collected from 0 to 1 feet below ground surface.

N/A – Not Applicable NC – Non Carcinogen C – Carcinogen Sat – Soil Saturation J – Estimated value below the

The DGM surveying at FWDA was accomplished using the EM-61 Mk.2 in wheel mode configuration, with data positioning provided by RTK GPS. In wheel mode, the EM-61 Mk.2 bottom coil is mounted on two 40cm wheels, and has four fiberglass spacers used to support the top coil. A tripod attached to the top coil holds the GPS antenna over the center of the EM coils. All data collected at FWDA were recorded at a sample rate of 10 readings per second.

A survey transect spacing of 2 feet was used for the Geophysical Prove-Out (GPO) Investigation and DGM survey areas. This spacing results in coil overlap on successive lines, reducing the likelihood of data gaps and improving the chance of detecting small metallic items.

Low stretch polypropylene ropes painted with alternating bands of fluorescent green and pink paint were placed across survey grids at 25 foot intervals, perpendicular to the direction of travel. These ropes provided guidance to the geophysicist maneuvering the EM61 across the grids, to maintain parallel lines spaced 2 feet apart.

A Trimble® GeoXT™ was used to record relevant survey information, and also to make sketches of survey impediments such as arroyos, trees, depressions and piles of flood debris. GeoXT™ data were downloaded to a laptop computer each evening, and the merged into a database for inclusion in CH2M Hill's Munitions Response Site Information System.

The EM-61 Mk.2 data are temporarily stored in an Allegro data logger via Geomar's NAV61 software and then downloaded into a laptop computer for further on-site processing using Geomar's TrackMaker 61MK2.

Initial data processing was performed by the field team which included reviewing data for integrity and repeatability. Additionally, track maps produced using the TrackMaker 61MK2 software were reviewed to evaluate survey coverage and to check for missing GPS readings.

Data were uploaded each evening to the CH2M Hill ftp site by the field crew. Data were then retrieved by NAEVA's data processor in the Charlottesville, Virginia office, where converted raw data files were imported into Geosoft's Oasis montaj to perform the following:

- Review and finalize all QC tests (cable shake, personnel, static and latency) prior to processing of the DGM data for that day;
- Set projection of NAD83 UTM Zone 12N coordinates;
- Evaluate data density and GPS quality;
- Apply auto leveling and instrument drift corrections;
- Apply of default lag correction;
- Generate preliminary contour map(s) from gridded data;
- Generate preliminary original vs. repeat profiles by grid block; and
- Generate formatted ASCII files containing preprocessed data by grid block.

After completion of preprocessing, the data were further evaluated and processed to generate final processed data files. Final processing steps included:

- Evaluation and refinement of auto leveling and instrument drift corrections in the channel selected for target analysis (Channel 3);
- Evaluation and refinement of lag correction in the channel selected for target analysis (Channel 3);

- Additional digital filtering and enhancement, as necessary, in the channel selected for target analysis (Channel 3);
- Generation of formatted ASCII files containing processed data by grid block;
- Generation of final maps for each grid showing contoured gridded data and culture;
- Generation of final original vs. repeat profiles by grid block; and
- Production of mosaic maps for each of the five surveyed locations.

13.3.4.1 Survey

Albuquerque Surveying Company, Inc, a New Mexico Registered Land Surveyor (RLS), used existing benchmarks at the FWDA to establish a 30-meter-by-30-meter grid system across the four AOC 78/82 sub-areas (denoted A through D for reporting purposes) and the AOC 79 area for geophysical survey control.

13.3.4.2 Geophysical Prove-Out

Instrument validation surveys were performed with an EM-61 Mk.2 over the existing GPO plot at the FWDA site on July 8 and 9, 2008. Based on observation of the GPO activities and an independent analysis of the GPO results, it was determined by the CH2M HILL QC Geophysicist that the system met project DQOs and the system was considered validated and appropriate for use at the site. This was verified with the onsite USACE Project Geophysicist. Approval was given by USACE to proceed to data collection within the Parcel 6 areas. A comprehensive GPO report detailing equipment, procedures, data processing, and results is provided as Appendix K.

13.3.4.3 13.3.4.3 Digital Geophysical Mapping Survey Results

The DGM activities were performed from July 8 through 25, 2008 at the four AOC 78/82 sub-areas and the AOC 79. The following subsections summarize results of the surveys at AOC 78/82. A detailed description of the equipment, methodology, results, and QC data is provided in the NAEVA report provided in Appendix L.

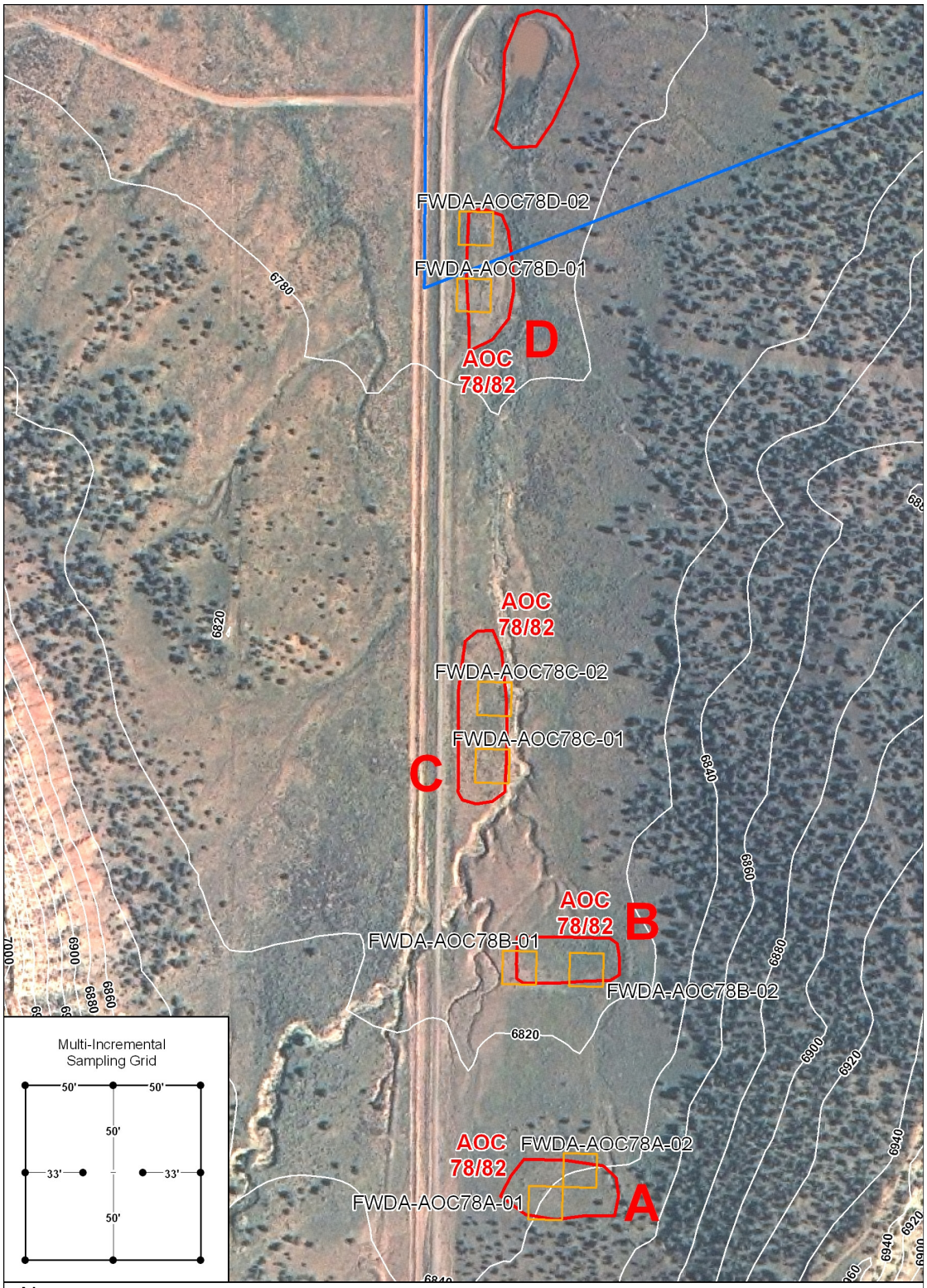


Figure 13-2
Multi-Incremental Sampling Locations
AOC 78/82
Fort Wingate Depot Activity, New Mexico

13.3.4.4 AOC 78A Sub-area

Approximately 1.4 acres were geophysically surveyed over the AOC 78A sub-area. Survey results, provided in Appendix J, indicate a few scattered anomalies across the area. The anomalies do not appear to have any relationship to each other, such as those indicated in some of the other areas as being part of a regular pattern.

13.3.4.5 AOC 78B Sub-area

Approximately 1.2 acres were geophysically surveyed over the AOC 78B sub-area. Survey results, provided in Appendix J, indicate multiple anomalies across the area. A large number of anomalies appear to have a regular distribution in a pattern indicative of building footers or some other regularly spaced man-made feature. The regularly spaced anomalies are separated by approximately 4 to 5 meters (m), on average, from each other and cover an area of approximately 85 m (east–west orientation) by 20 m (north-south).

13.3.4.6 AOC 78C Sub-area

Approximately 1.8 acres were geophysically surveyed over the AOC 78C sub-area. Survey results, provided in Appendix J, indicate a few scattered anomalies across the area. The anomalies do not appear to have any relationship to each other.

13.3.4.7 AOC 78D Sub-area

Approximately 1.4 acres were geophysically surveyed over the AOC 78D sub-area. Survey results, provided in Appendix J, indicate a similar pattern of anomalies to those seen in AOC 78B, with a large number appearing to have a regular distribution in a patter indicative of building footers or some other regularly spaced man-made feature. The regularly spaced anomalies are separated by approximately 4 to 5 m, on average from each other and cover an area of approximately 105 m (north-south) by 18 m (east–west).

13.3.4.8 Data Quality Objectives

CH2M HILL's analysis indicates that all DQOs outlined in the project QC Plan (CH2M HILL, 2008) were met during the DGM operations. A summary of the project data quality objectives results is presented in Table 13-1. It should be noted that reacquisition of anomalies was not performed during the initial phase of operations; however, should this operation be planned at any time in the future the subcontractor performing reacquisition will be asked to demonstrate that they can meet the reacquisition DQO prior to performing the activity.

13.3.4.9 Quality Control

An extensive QC program was applied to the DGM operations at the site, with the CH2M HILL QC Geophysicist providing oversight and QC of NAEVA's operations and data. Descriptions of the QC steps can be found in the project QC Plan, which is presented in Appendix K. Each of the QC steps was performed, and no QC issues were discovered during the process. NAEVA was observed collecting data to comply with all of the QC Plan requirements. All documented QC tests were checked for DQO compliance and each test was within those requirements. Detailed QC results are discussed in the report provided in Appendix K.

13.3.5 Metallic Anomaly Intrusive Investigation

13.3.5.1 Purpose

Intrusive investigation of selected representative geophysical anomalies was conducted from November 17 to 20, 2008, to evaluate the nature of the sources of the anomalies. Geophysical anomalies were investigated at all four of the AOC 78/82 locations. Based on the known operational history of the investigation areas, this was not treated as a MEC investigation. However, MEC or material potentially presenting an explosive hazard (MPPEH) had the potential to be present in the project area because the site is a former military facility. Therefore, MEC investigation procedures were followed as a precaution. UXB International, Inc (UXB) was the intrusive investigation subcontractor for this work. A report prepared to document the intrusive investigation is presented as Appendix M. The investigation results will be briefly summarized below.

13.3.5.2 Anomaly Reacquisition/Intrusive Investigation

Anomaly reacquisition and intrusive investigation were the only techniques employed during the intrusive investigation operations at the site. Intrusive investigation was performed using hand excavation procedures to identify the source of individual anomalies following reacquisition operations.

All geophysical anomalies identified for excavation were reacquired by an intrusive investigation team, comprised of UXO technicians, to an exact location using a RTK differential GPS. This work was completed from November 17 to 18, 2008. The location of each anomaly was marked with a non-metallic, labeled, polyvinyl chloride (PVC) surveyor's flag, which was placed 1 foot north of the actual field location of each reacquired anomaly.

Excavation of individual geophysical anomalies was performed by qualified UXO technicians using hand-excavation tools. Small hand tools such as shovels, spades, trowels, and pry bars were used to access the anomalies. The UXB team performing this work was composed of one UXO Technician III and two UXO Technician II(s). CH2M HILL provided one SUXOS to provide oversight of the UXB investigation team. Intrusive investigation work was completed from November 17 to 20, 2008.

13.3.5.3 Investigation Results

The individual anomaly locations and recovered anomaly sources are documented in report provided as Appendix M. All anomalies were determined to be metallic scrap debris and not MEC related. The scrap debris recovered were predominantly nails with minor amounts of other metallic scrap such as angle iron, metal banding, and bailing wire. The metallic scrap recovered is consistent with the known operational history of these sites, which was temporary open storage of munitions. The anomaly locations and metallic scrap recovered are believed to be remnants or debris from the former open storage structures that were removed in the 1960s.

13.3.6 Screening Assessments

13.3.6.1 Human Health Screening Assessment

As part of the human health screening assessment, detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL for all positively detected compounds. Detected compounds were evaluated based on comparison to their toxicological endpoint and comparison to NMED residential direct exposure to SSL (NMED, 2009), or if no NMED SSL exists, to the EPA RSL for soil (EPA, 2009), as described in Attachment 7, Section 7.2 of the RCRA Permit. The NMED SSL and EPA RSL are provided in Appendix I.

The following positively detected compounds were considered for further screening assessment:

- 1,3,5-trinitrobenzene, 0.1J mg/kg (J represents estimated value)
- 2,4-dinitrotoluene, 0.14J mg/kg
- 2,6-dinitrotoluene, 0.33 mg/kg
- RDX, 0.18J mg/kg
- Tetryl (2,4,6-trinitrophenol), 0.08J mg/kg
- Lead, 7.4 mg/kg

Two other compounds, 4-amino-2,6-dinitrotoluene and 3-nitrotoluene, were not considered as there are no NMED SSL or EPA RSL for these compounds. In accordance with NMED guidance, identified COPCs were used to generate a site risk ratio by dividing the COPC maximum detected concentrations by their respective screening levels and summing all values. The calculations are presented in Equations 13.1 and 13.2.

Equation 13.1 – AOC 78/82 Noncarcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for 1,3,5-trinitrobenzene, 2,4-dinitrotoluene, 2,6-dinitrotoluene, and tetryl}}{\text{NMED residential SSL or EPA Region 6 residential MSSL for direct exposure to soil for each compound}} = \text{Noncarcinogenic Site Risk Ratio}$$

$$\left[\frac{0.1J\ mg/kg}{1{,}800\ mg/kg} + \frac{0.14J\ mg/kg}{122\ mg/kg} + \frac{0.33\ mg/kg}{61\ mg/kg} + \frac{0.08J\ mg/kg}{6.11\ mg/kg} = 0.02\ Site\ Risk\ Ratio\right]$$

Equation 13.2 – AOC 78/82 Carcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for RDX}}{\text{NMED residential SSL for direct exposure to soil for RDX}} = \text{Carcinogenic Site Risk Ratio}$$

$$\left[\frac{0.18J\ mg/kg}{44.2\ mg/kg} = 0.004\ Site\ Risk\ Ratio\right]$$

In accordance with NMED guidance, the residential human health-based site risk ratio was calculated to be 0.02 for noncarcinogenic compounds and 0.004 for carcinogenic compounds. Lead was detected at a maximum concentration of 7.4 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg. The calculated risk ratios are below the maximum acceptable ratio of 1. Therefore, the COPCs at this site pose an acceptable level of risk.

13.3.6.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 78/82.

13.3.7 Release Assessment Conclusion

Based on the release assessment investigation results, the following conclusions are made for AOC 78/82:

- Geophysical anomalies were observed at AOC 78/82. The geophysical anomalies were investigated and determined to be metallic scrap, such as nails and other metallic waste debris. No MEC items were identified during the investigation.
- Based on the limited number and low concentrations of COPCs detected at AOC 78/82, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.

13.3.8 Scope of Activities

Based on the release assessment investigation results, the following recommendations are made for AOC 78/82:

- It is recommended that NFA decision documents be prepared for AOC 78/82.

Photograph 13-1 AOC 78/82-A, facing east. Fort Wingate Depot Activity

Photograph 13-2 AOC 78/82-B, facing east, Fort Wingate Depot Activity

Photograph 13-3 AOC 78/82-C, facing north, Fort Wingate Depot Activity

Photograph 13-4 AOC 78/82-D, facing north, Fort Wingate Depot Activity

14.0 AOC 79: Feature 2

14.1 Background

14.1.1 Location, Description, and Operational History

AOC 79 is located in the northern portion of Parcel 6 and is approximately 3.6 acres in size, as shown in Figure 14-1. Photographs 14-1 and 14-2, which are provided at the end of this section, show views of AOC 79. This AOC is described as Feature 2 on the 1973 aerial photo (API-5) in the 1995 Archive Search Report (USACE, 1995). Historical aerial photographs indicate that an access road previously lead to a probable building foundation and a scarred and stained soil area.

Review of historical FWDA maps for this area lists a portion of AOC 79 as an Open Storage Site or a Standard Ammunition Magazine. A temporary building number of Z-220 or X-18 is listed for this area. Standard Ammunition Magazines were located at various places across the depot and consisted of covered open-air structures with no walls. Munitions were temporarily stored at these locations from the 1940s to the 1960s. Based on review of the aerial photographs and available documents, munitions were temporarily stored at AOC 79 beginning in the 1940s. Storage operations ceased in the 1960s.

14.1.2 Surface Conditions

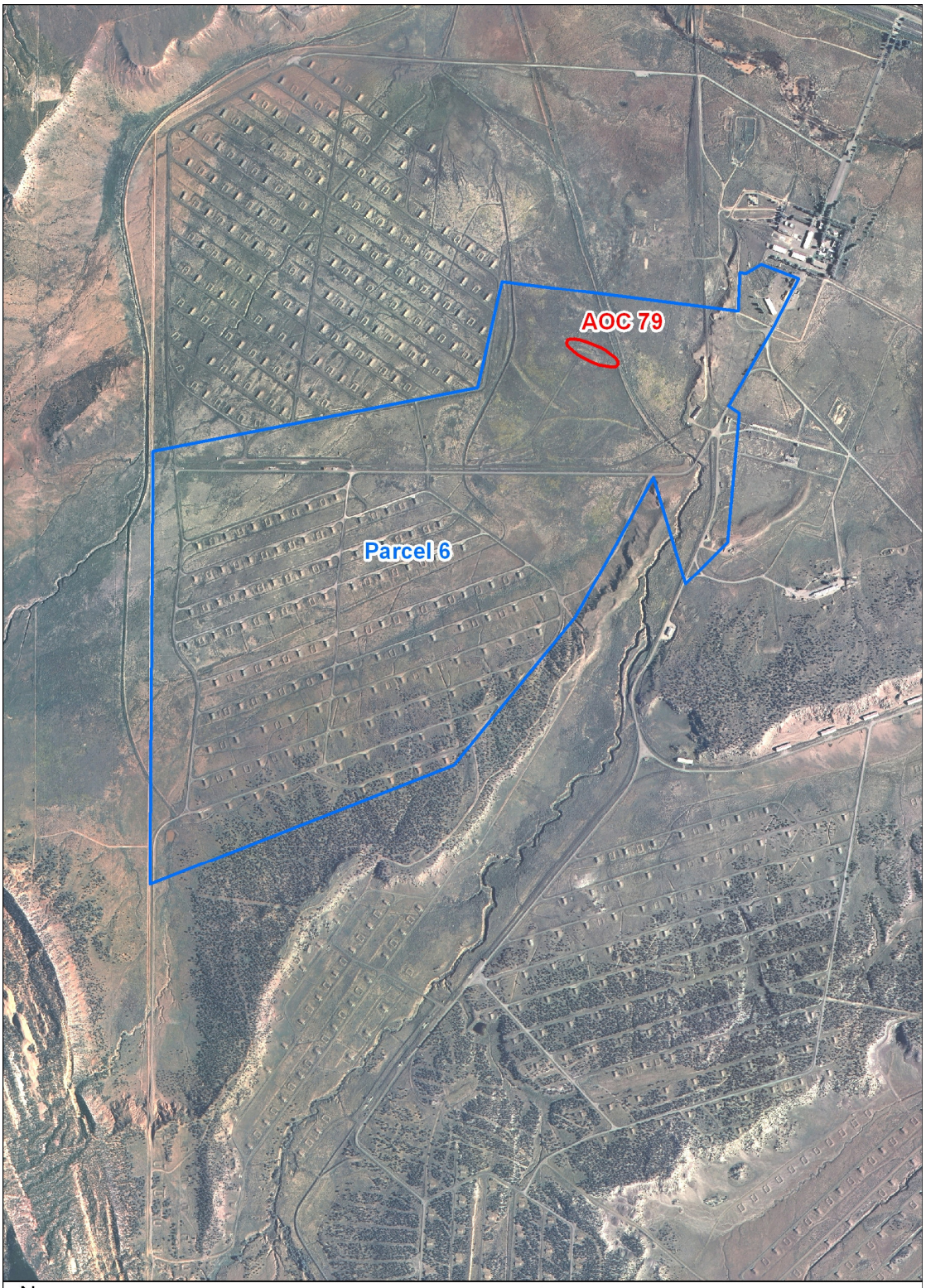
AOC 79 has a generally flat topography with a vegetation cover of grass and sagebrush. This area is located immediately to the west of a regional drainage arroyo that overbanks and floods this area during high rainfall events which tends to wash out a substantial portion of the AOC. This site also contains a vast number of prairie dog burrows, which, in addition to occasional flooding, may leave this area looking disturbed in historical aerial photographs.

14.1.3 Subsurface Conditions

A subsurface investigation was completed at AOC 79 as part of the release assessment as described in Section 14.3.5. As part of this investigation it was determined that the upper approximately 36-inches of sediment is native silt-loam type soil that contained metallic scrap and debris related to the historical operations at the site. All recovered scrap and debris were removed as part of this investigation.

14.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 79. This site was identified as an AOC based solely on aerial photography. Explosives were handled and stored at AOC 79. Therefore, explosives and lead are considered the COPCs for this site. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the temporary storage of munitions.



N

Legend

Parcel 6 Boundary

AOC Boundary

Equals 1,500 feet

Figure 14-1

AOC 79 Location Map
Fort Wingate Depot Activity, New Mexico

CH2MHILL

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG14-1.MXD JQUAN 4/14/2010 13:02:46

14.2 Previous Investigations

14.2.1 Nonsampling Data

Nonsampling data available for AOC 79 are summarized below.

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 79 in the 2006 report is as follows:

1935 – No significant findings

1948 – An access road leads to a probable building foundation

1952 – Access road leads to two probable trenches with dark-toned materials

1958 – Access roads lead to a scarred and disturbed area

1962 – Access roads lead to areas of dark-toned material or staining northwest and southwest of the site

1966 – No significant findings

1973 – The perimeter of the site has been cleared/graded; the other areas to the south appear as graded or scarred staging or parking areas

1978 – An access road leads to a ground scarred area

1991 – No significant findings

1993 – No photo coverage

1997 – The central portion of the site is scarred; however, this may be due to erosion

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within AOC 79. However, the report includes background information relevant to areas at the FWDA installation that were previously used to temporarily store inert items and ordnance, such as AOC 79. The report indicates that buildings designated with an X- identifier were wood-framed structures with a roof but no walls. These buildings had earth or gravel floors and were present at the FWDA installation from approximately 1945 to 1980. Areas with a Z- identifier were either buildings such as those with the X- identifier or were flat open storage areas with no associated building that were present at the FWDA installation from approximately 1945 to 1980.

14.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Sections 14.3.3 and 14.3.4.

14.2.3 Conceptual Model

14.2.3.114.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 79 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have been an area of disturbed ground. However, historical documentation indicates that the area of disturbed ground previously contained an Open Storage Site or a Standard Ammunition Magazine, which is a building used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning in the 1940s and continued until the 1960s when the buildings were removed.

Additionally, this area is prone to flooding. It also contains a vast number of prairie dog burrows, which may have been previously interpreted in aerial photograph review as being related to historical operations at the site. These natural effects leave the ground surface at this location looking disturbed.

14.2.3.2 Fate and Transport

If contamination is present at AOC 79, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

14.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 14.3.3.

14.3 Release Assessment

14.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 79. As noted in the aerial photograph analysis report (ERI, 2006), there were no significant findings for AOC 79 on any of the photos reviewed from 1935 to 1997 that would suggest a release to the environment at this site other than grading and ground scars. However, review of available documentation indicates that AOC 79 previously contained Open Storage Sites or Standard Ammunition Magazines, which were buildings used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning in the 1940s and continued until the 1960s when the buildings were removed.

14.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 79 on July 29, 2008. A site walk revealed several small areas containing metallic scrap consisting of nails, bolts, metal packaging banding. Due to moderate rainfall events, this area flooded during the release assessment field activities that were completed as part of the release assessment. The man-made arroyo located immediately to the east of the AOC overbanked and flooded the southern half of the AOC, which displaced several survey stakes placed for the geophysical investigation.

A site reconnaissance field form and a copy of the field notes are presented in Appendix E and can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in Appendix F.

14.3.3 Soil Sampling

Surface soil samples were collected at two general locations at AOC 79. The sample locations are shown in Figure 14-2. Multi-incremental samples were collected and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. Each of the MI samples collected consisted of 10 individual sample locations taken from a 100-foot-by-100-foot sampling grid and composited into one MI sample, for a total of two samples.

No explosives were positively detected in the sample collected from AOC 79. Lead was detected at a low concentration of 7.4 mg/kg, which is below the NMED residential SSL, of 400 mg/kg. A summary of the sample analysis results is presented in Table 14-1 (provided at the end of this section). The full laboratory report is presented in Appendix G. The DQE report is provided in Appendix H.

14.3.4 Digital Geophysical Mapping

14.3.4.1 Survey

Albuquerque Surveying Company, Inc, a New Mexico RLS, used existing benchmarks at the FWDA to establish a 30-meter-by-30-meter grid system across the four AOC 78/82 sub-areas (denoted A through D for reporting purposes) and the AOC 79 area for geophysical survey control.

14.3.4.2 Geophysical Prove-Out

CH2M HILL's geophysical services subcontractor, NAEVA, performed instrument validation surveys with an EM61-MK2 over the existing GPO plot at the FWDA site on July 8 and 9, 2008. Based on observation of the GPO activities and an independent analysis of the GPO results, it was determined by the CH2M HILL QC Geophysicist that the system met project DQOs and the system was considered validated and appropriate for use at the site. This was verified with the onsite USACE Project Geophysicist and approval was given by USACE to proceed to data collection within the Parcel 6 areas. A comprehensive GPO report detailing equipment, procedures, data processing, and results is provided as Appendix K.

14.3.4.3 Digital Geophysical Mapping Survey Results

DGM activities were performed from July 8 through 25, 2008 at the four AOC 78/82 sub-areas and the AOC 79. A detailed description of the equipment, methodology, results, and QC data is provided in the NAEVA report provided in Appendix L.

Approximately 4.1 acres were geophysically surveyed over the AOC 79 area. Survey results, presented in Appendix J, indicate an area near the center of the site of approximately 65 m (northwest-southeast) by 15 m (southwest-northeast) that contains a regular pattern of anomalies such as those seen in AOC 78 sub-areas B and D. There is an additional heavy grouping of anomalies in the northwestern section of the surveyed area and a few scattered anomalies across the remainder of the area.

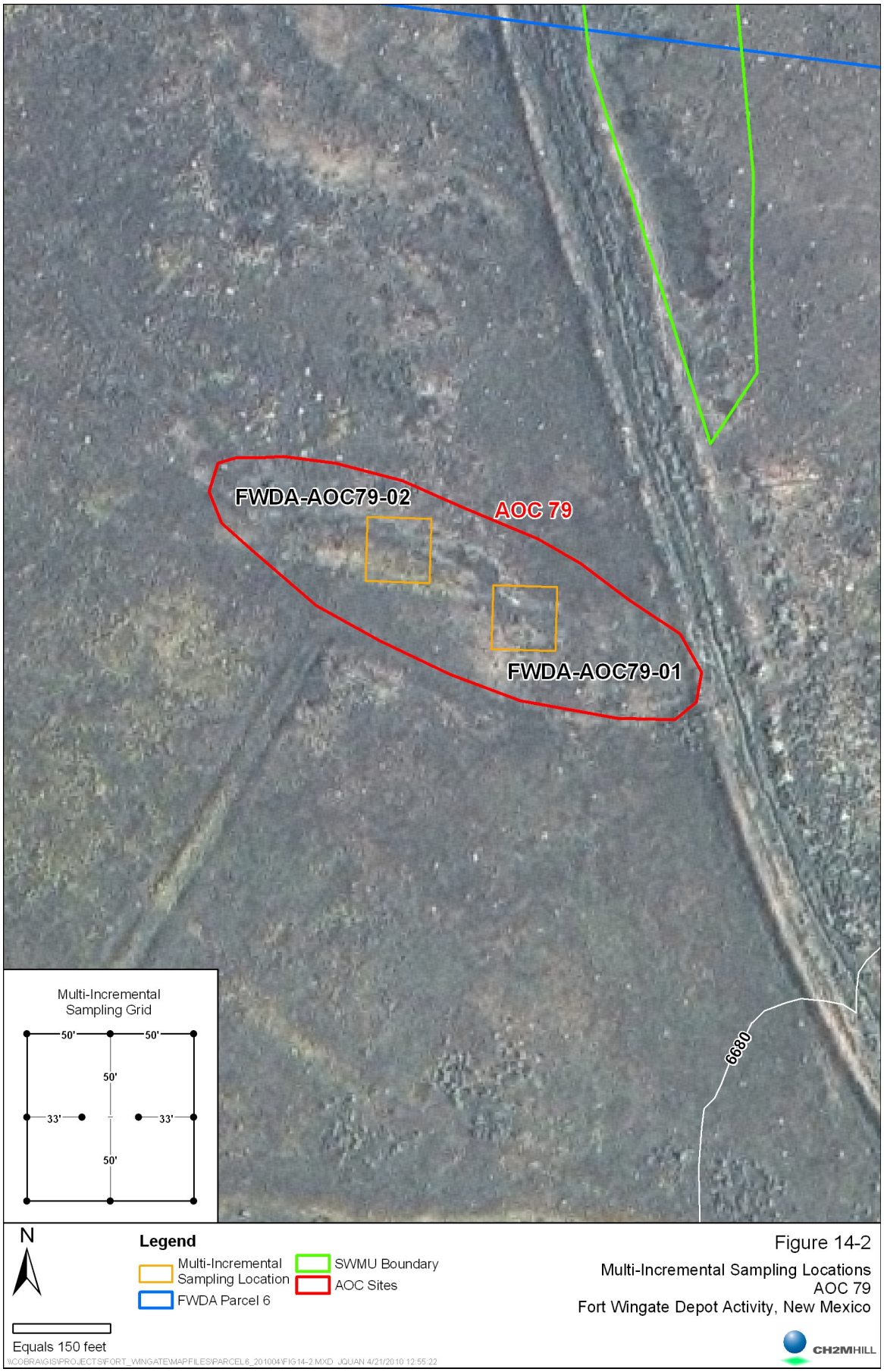


Figure 14-2
Multi-Incremental Sampling Locations
AOC 79
Fort Wingate Depot Activity, New Mexico

14.3.4.4 Data Quality Objectives

CH2M HILL's analysis indicates that all DQOs outlined in the project QC Plan (CH2M HILL, 2008) were met during the DGM operations. A summary of the project data quality objectives results is presented in Table 14-2 (provided at the end of this section). It should be noted that reacquisition of anomalies was not performed during the initial phase of operations. However, should this operation be planned at any time in the future the subcontractor performing reacquisition will be asked to demonstrate that they can meet the reacquisition DQO prior to performing the activity.

14.3.4.5 Quality Control

An extensive QC program was applied to the DGM operations at the site, with the CH2M HILL QC Geophysicist providing oversight and QC of NAEVA's operations and data. Descriptions of the QC steps can be found in the project QC Plan, which is provided in Appendix K. Each of the QC steps was performed, and no QC issues were discovered during the process. NAEVA was observed collecting data to comply with all of the QC Plan requirements. All documented QC tests were checked for DQO compliance and each test was within those requirements. Detailed QC results are discussed in the report provided in Appendix K.

14.3.5 Metallic Anomaly Intrusive Investigation

14.3.5.1 Purpose

Intrusive investigation of selected representative geophysical anomalies was conducted from November 17 to 20, 2008, to evaluate the nature of the sources of the anomalies. Based on the known operational history of the investigation areas, this was not treated as a MEC investigation. However, MEC or MPPEH had the potential to be present in the project area because the site is a former military facility. Therefore, MEC investigation procedures were followed as a precaution. UXB was the intrusive investigation subcontractor for this work. A report prepared to document the intrusive investigation is presented as Appendix M. The investigation results are briefly summarized below.

14.3.5.2 Anomaly Reacquisition/Intrusive Investigation

Anomaly reacquisition and intrusive investigation were the only techniques employed during the intrusive investigation operations at the site. Intrusive investigation was performed using hand excavation procedures to identify the source of individual anomalies following reacquisition operations.

All geophysical anomalies identified for excavation were reacquired by an intrusive investigation team, comprised of UXO technicians, to an exact location using a RTK DGPS. This work was completed from November 17 to 18, 2008. The location of each anomaly was marked with a non-metallic, labeled, PVC surveyor's flag, which was placed 1 foot north of the actual field location of each reacquired anomaly.

Excavation of individual geophysical anomalies was performed by qualified UXO technicians using hand-excavation tools. Small hand tools such as shovels, spades, trowels, and pry bars were used to access the anomalies. The UXB team performing this work was composed of one UXO Technician III and two UXO Technician II(s). CH2M HILL provided one SUXOS to provide oversight of the UXB investigation team. Intrusive investigation work was completed from November 17 to 20, 2008.

14.3.5.3 Investigation Results

The individual anomaly locations and recovered anomaly sources are documented in report provided as Appendix M. All anomalies were determined to be metallic scrap debris and not MEC related. The scrap debris recovered were predominantly nails with minor amounts of other metallic scrap such as angle iron, metal banding, and bailing wire. The metallic scrap recovered is consistent with the known operational history of these sites, which was temporary open storage of munitions. The anomaly locations and metallic scrap recovered are believed to be remnants or debris from the former open storage structures that were removed in the 1960s.

14.3.6 Screening Assessments

14.3.6.1 Human Health Screening Assessment

As part of the human health screening assessment, positively detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSLs, which are provided in Appendix I. Lead was the only positively detected COPC at AOC 79. Lead was detected at a maximum concentration of 7.4 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg.

14.3.6.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 79.

14.3.7 Release Assessment Conclusion

Based on the release assessment investigation results, the following conclusions are made for AOC 79:

- Geophysical anomalies were observed at AOC 79. The geophysical anomalies were investigated and determined to be metallic scrap, such as nails and other metallic waste debris. No MEC items were identified during the investigation.
- Based on the limited number and low concentrations of COPCs detected at AOC 79, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.

14.3.8 Scope of Activities

Based on the release assessment investigation results, the following recommendations are made for AOC 79:

- It is recommended that NFA decision documents be prepared for AOC 79.

Table 14-1 Release Assessment Laboratory Data Summary, AOC 79, Feature 2 (concentrations in mg/kg)

Chemical Class and Laboratory Method	Analyte	RL[a]	NMED Residential Soil SSL[b]	AOC 79	AOC 79
				FWDA-AOC79-01-SS-072908	FWDA-AOC79-02-SS-072908
				7/29/2008	7/29/2008
Lead - EPA Method 6010B	Lead	0.3688	400	5.3	7.4

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[c] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.
Samples collected from 0 to 1 feet below ground surface.

Table 14-2 Summary of Project Data Quality Objectives Results for the Digital Geophysical Mapping at AOC 79, Feature 2 (1 of 2)

Data Quality Objective	Measurement Performance Criteria	Result from Project
General System Functioning		
Accurate coordinates are being obtained from DGM positioning systems.	Positional error at known monuments will not exceed ±10.2 centimeters (4 inches).	DQO met
Repeatable data are being obtained from DGM system.	Response to standardized item will not vary more than ±20%.	DQO met
Digital Geophysical Mapping Surveys		
DGM survey system can generally detect munitions items to depths of 11 times the object's diameter. (Excluding smaller items such as 20mm projectiles.) (Depth is to top of the item.)	Sensor to identify munitions items of 40 millimeters or larger diameter (or their surrogates in the GPO) at depths fitting within the detection depth equation.	DQO met (demonstrated in GPO)
Downline data density is sufficient to detect munitions items.	Over 98% of possible sensor readings are captured along a transect. Data collection frequency along the path will be in the range of 10 to 20 readings per second with a mean speed not exceeding 2.5 miles per hour (1.14 meters per second). In addition, any transect containing a data gap of 0.6 meter (2 feet) or greater does not meet the DQO.	DQO met
Coverage over survey area is sufficient to detect munitions items.	Search transect spacing to vary no more than ±20% of spacing specified in sampling design.	DQO met

Table 14-3 Summary of Project Data Quality Objectives Results for the Digital Geophysical Mapping at AOC 79, Feature 2 (2 of 2)

Positioning of detected anomalies is accurate.	95% of all anomaly locations (as shown on the dig sheets) lie within a 1-meter (3.3-foot) radius of a point on the ground surface directly above the source of the anomaly.	DQO met
Data Processing		
Instrument Latency	Instrument latency will be corrected based on the lags or time differences observed in anomaly peak positions.	DQO met
Electromagnetic (EM) Drift Correction	For any given dataset of EM data, all data channels are leveled using the same routines and parameters.	DQO met
Drift Corrections and Filtering Routines	Drift corrections and/or filtering routines that are applied to datasets do not alter the nature of the original measured response.	DQO met
Data Handling		
All data must be delivered in a timely manner and in a useable format.	Data packages are completed and delivered within the schedules specified in the project Work Plan.	DQO met
Quality Control		
All quality control tests must be performed and meet specified criteria.	Specific to QC test.	DQO met
▪ Electromagnetic (EM) Drift Correction	▪ For any given dataset of EM data, all data channels are leveled using the same routines and parameters.	▪ DQO met
▪ Drift Corrections and Filtering Routines	▪ Drift corrections and/or filtering routines that are applied to datasets do not alter the nature of the original measured response.	▪ DQO met

Photograph 14-1 AOC 79, facing east, Fort Wingate Depot Activity

Photograph 14-2 AOC 79, facing east, Fort Wingate Depot Activity

15.0 AOC 80: Feature 9

15.1 Background

15.1.1 Location, Description, and Operational History

AOC 80 is located in the north-central portion of Parcel 6, as shown in Figure 15-1. Photographs 15-1 and 15-2, which are provided at the end of this section, show various views of AOC 80. This AOC is described as Feature 9 on the 1962 aerial photo (API-3) in the 1995 Archive Search Report (USACE, 1995). The 1935 aerial photograph shows a pre-WWII magazine located in the west-central portion of the AOC. It is expected that this building was removed sometime between 1940 and 1941. The 1948 and later aerial photographs indicate that AOC 80 is a partially scarred soil area; however, soil scaring appears to be limited to the location of the pre-WWII magazine and the dirt roads historically leading to this location. Based on the review of available aerial photography and historical documents, there is no indication of active operations at this AOC from 1941 to the present.

15.1.2 Surface Conditions

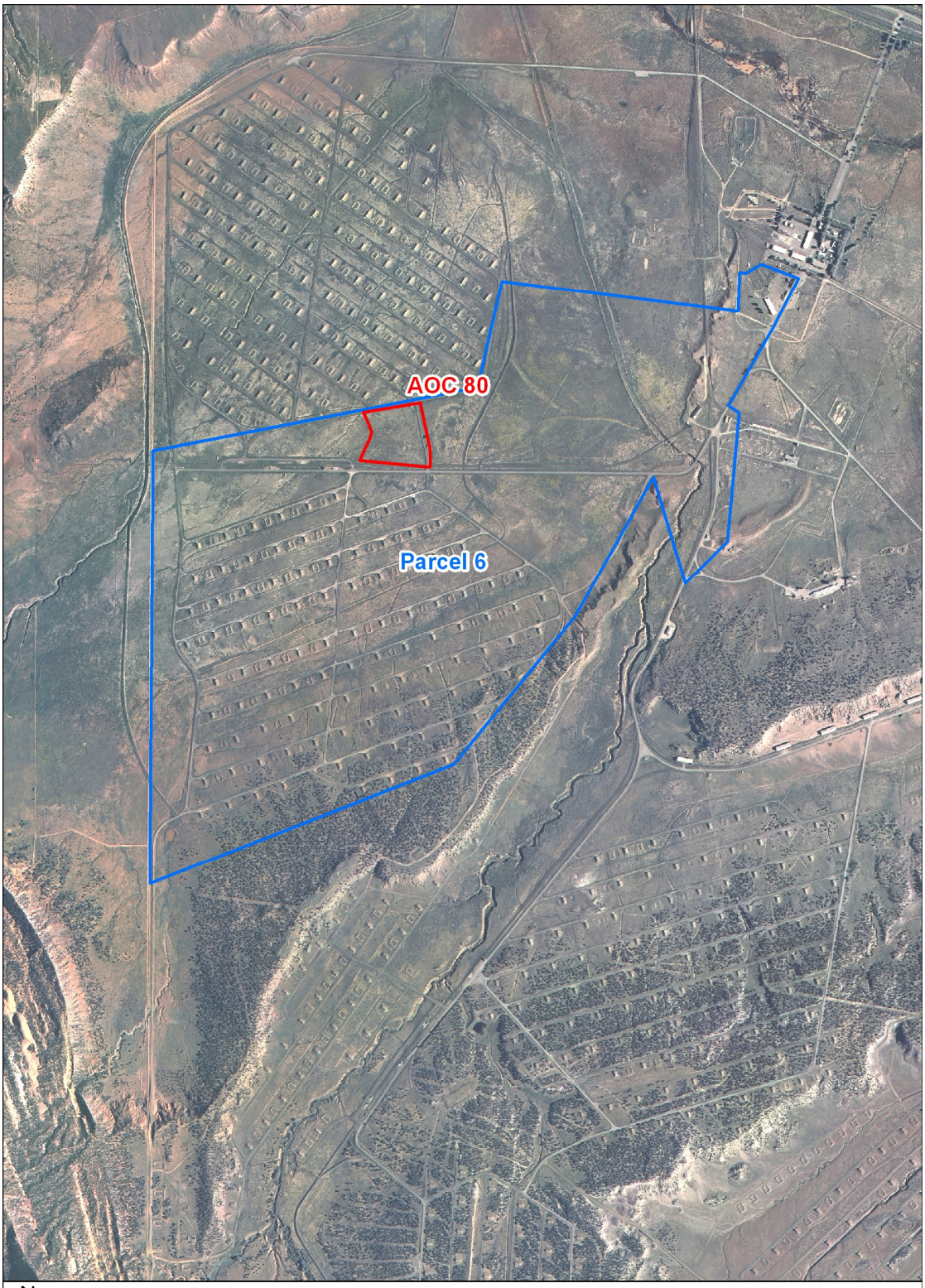
AOC 80 has a generally flat topography with a vegetation cover of grass and sagebrush.

15.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 80.

15.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 80. This site was identified as an AOC based solely on aerial photography. Explosives were handled in nearby areas and were potentially stored in temporary open storage configurations near AOC 80. Therefore, explosives and lead are the COPCs for this site. Other contaminants are not expected at this location because AOC 80 appears to have been historically undeveloped land with no indication of active operations following the removal of the pre-World War II magazine prior to 1941.



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Parcel 6 Boundary

AOC Boundary

Equals 1,500 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG15-1.MXD JQUAN 4/14/2010 13:13:50

Figure 15-1

AOC 80 Location Map
Fort Wingate Depot Activity, New Mexico

CH2MHILL

15.2 Previous Investigations

15.2.1 Nonsampling Data

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 80 in the 2006 report is as follows:

1935 – No significant findings

1948 – Disturbed ground, light-toned material and a ground scar are present

1952 – Disturbed ground, light-toned material and a ground scar are present

1958 – Disturbed ground, light-toned material and a ground scar are present

1962 – Disturbed ground and light-toned material are present

1966 – No significant findings

1973 – Disturbed ground and light-toned material are present

1978 – Disturbed ground and light-toned material remain

1985 – Disturbed ground and light-toned material remain

1991 – Disturbed ground and light-toned material remain

1993 – No photo coverage

1997 – No significant findings

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

15.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 15.3.3.

15.2.3 Conceptual Model

15.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment or historic operations at AOC 80 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have apparent disturbed ground. However, further evaluation of the aerial photography indicates that the area of disturbed ground corresponds to the location of a pre-WWII magazine and the dirt roads leading to this location that were removed and abandoned sometime between 1935 and 1948. Historical documents do not indicate that this area supported active operations from 1948 to the present.

15.2.3.2 Fate and Transport

If contamination is present at AOC 80, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

15.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 15.3.3.

15.3 Release Assessment

15.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 80. As noted in the aerial photograph analysis report (ERI, 2006), there were no significant findings for AOC 80 on any of the photos reviewed from 1935 to 1997 that would suggest a release to the environment at this site other than the ground scars remaining from the pre-WWII magazine.

15.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 80 on July 21, 2008. A site walk revealed several small areas containing metallic scrap consisting of nails, bolts, metal packaging banding, as well as a few old soda bottles in the northern and western portions of AOC 80 and one area in the northern portion of AOC 80 where some broken concrete fragments were present and where possibly a concrete truck was washed out.

A site reconnaissance field form and a copy of the field notes are presented as Appendix E on the CD provided with this Work Plan. The photographs taken during the site walk are presented in Appendix F.

15.3.3 Soil Sampling

Surface soil samples were collected at three general locations at AOC 80. The sample locations are shown in Figure 15-2. Multi-incremental samples were collected from each of the three locations and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. Each of the three MI samples consisted of 10 individual sample locations taken from a 200-foot-by-200-foot sampling grid and composited into one MI sample.

Results indicate that four explosives compounds (1,3,5-trinitrobenzene, 2,4-dinitrotoluene, 2,6-dinitrololuene, and RDX) and lead were detected at low or qualified concentrations below the NMED residential SSL or the EPA RSL for soil at sample location FWDA-AOC80-01. A summary of the sample analysis results is presented in Table 15-1 (provided at the end of this section). The full laboratory report is presented in Appendix G. The DQE report is provided in Appendix H.

15.3.4 Screening Assessments

15.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL for all positively detected compounds.

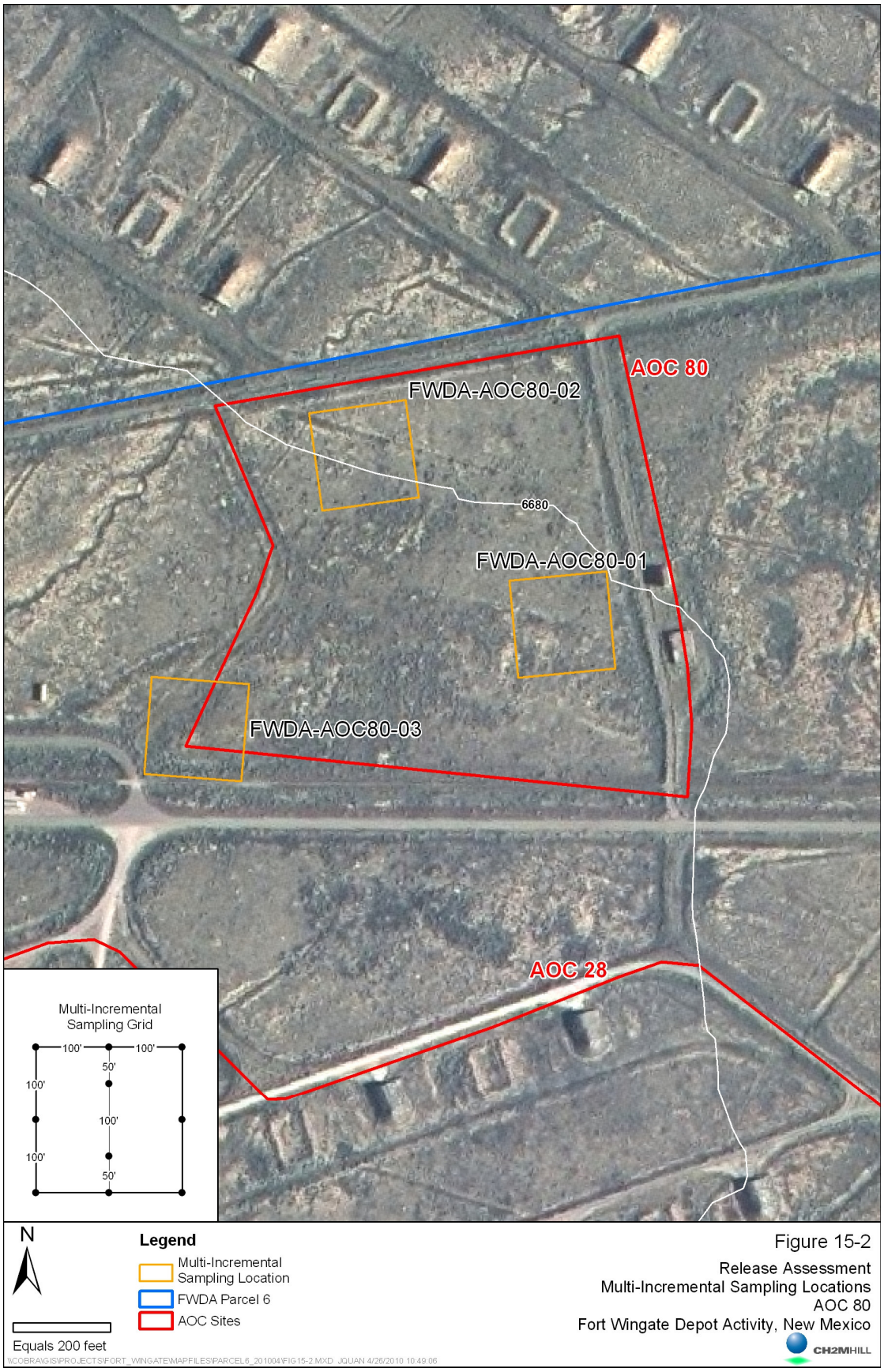


Figure 15-2

Release Assessment
Multi-Incremental Sampling Locations
AOC 80
Fort Wingate Depot Activity, New Mexico

Table 15-1 Release Assessment Laboratory Data Summary Table for AOC 80, Fort Wingate Depot Activity (concentrations in mg/kg)

Chemical Class and Laboratory Method	**Analyte**	**RL[a]**	**NMED Residential Soil SSL[b]**	AOC 80	AOC 80	AOC 80	AOC 80
				FWDA-AOC80-01-SS-072408	FWDA-AOC80-01-SS-072408-DUP	FWDA-AOC80-02-SS-072408	FWDA-AOC80-03-SS-072408
				7/24/2008	7/24/2008	7/24/2008	7/24/2008
Lead - EPA Method 6010B	Lead	0.3688	400	13.3	12.5	13.5	6.8
Explosives- EPA Method 8330B	1,3,5-Trinitrobenzene	0.2	2,200[c]	0.2 J	0.2 J	<0.2	<0.2
	2,4-Dinitrotoluene	0.23	12.6	<0.23	0.15 J	<0.23	<0.23
	2,6-Dinitrotoluene	0.2	61.2	<0.2	0.24	<0.2	<0.2
	RDX	0.18	35.6	0.2	0.2 J	<0.18	<0.18

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.

[c] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.

Concentrations are listed in milligram per kilogram

Positive detections of explosives compounds are shaded.

Samples collected from 0 to 1 feet below ground surface.

J = Estimated value below the RL

RDX = cyclotrimethylenetrinitramine

Detected compounds were evaluated based on comparison to their toxicological endpoint and comparison to the NMED residential direct exposure SSL (NMED, 2009), or if no NMED SSL exists, to the EPA RSL for soil (EPA, 2009) . The NMED SSLs and EPA RSLs are provided in Appendix I. The following positively detected compounds were considered for further screening assessment:

- 1,3,5-trinitrobenzene, 0.2J mg/kg (J represents estimated value)
- 2,4-dinitrotoluene, 0.15J mg/kg
- 2,6-dinitrotoluene, 0.24 mg/kg
- RDX, 0.2 mg/kg
- Lead, 13.5 mg/kg

In accordance with NMED guidance, identified COPCs were used to generate a site risk ratio by dividing the COPC maximum detected concentrations by their respective screening levels and summing all values. The calculations are presented in Equations 15.1 and 15.2.

Equation 15.1 – AOC 80 Noncarcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for 1,3,5-trinitrobenzene, 2,4-dinitrotoluene, and 2,6-dinitrotoluene}}{\text{NMED residential SSL or EPA Region 6 residential MSSL for direct exposure to soil for each compound}} = \text{Noncarcinogenic Site Risk Ratio}$$

$$\left[\frac{0.2J\ mg/kg}{1{,}800\ mg/kg} + \frac{0.15J\ mg/kg}{122\ mg/kg} + \frac{0.24\ mg/kg}{61\ mg/kg} = 0.005\ Site\ Risk\ Ratio\right]$$

Equation 15.2 – AOC 80 Carcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for RDX}}{\text{NMED residential SSL for direct exposure to soil for RDX}} = \text{Carcinogenic Site Risk Ratio}$$

$$\left[\frac{0.2\ mg/kg}{44.2\ mg/kg} = 0.004\ Site\ Risk\ Ratio\right]$$

In accordance with NMED guidance, the residential human health-based site risk ratio was calculated to be 0.005 for noncarcinogenic compounds and 0.004 for carcinogenic compounds. Lead was detected at a maximum concentration of 13.5 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg. The calculated risk ratios are below the maximum acceptable ratio of 1. Therefore, the COPCs at this site pose an acceptable level of risk.

15.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 80.

15.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, the NMED has directed that additional MI samples be collected from each decision unit and that additional decision units be created to provide more complete coverage of AOC 80.

15.4 Scope of Activities

The following field activities will be conducted during the RFI at AOC 80:

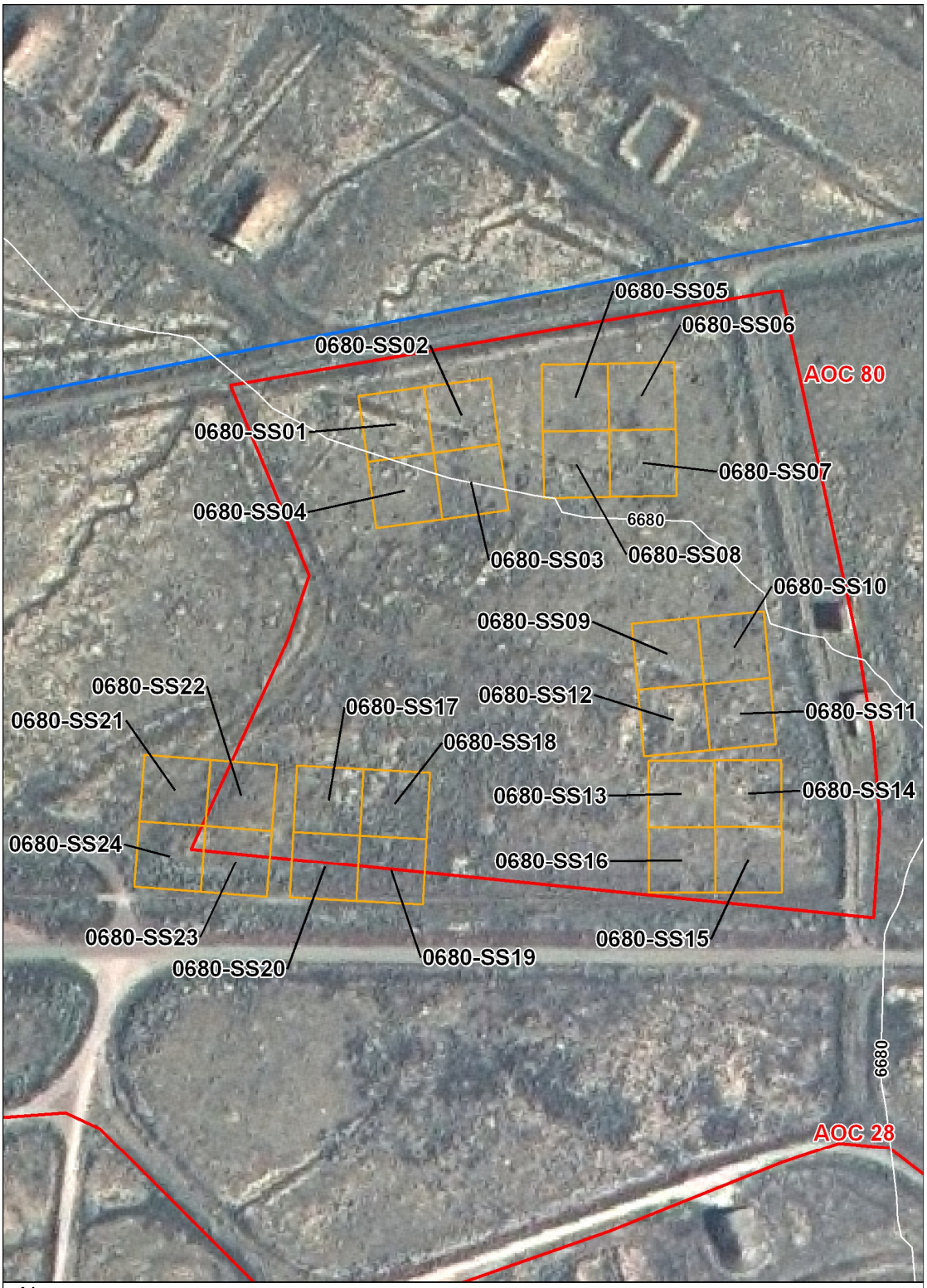
- Collection of one surface soil MI sample from 0- to 6-inches bgs and one subsurface soil MI sample fro 6- to 12-inches bgs in each decision unit.
- Analysis of the surface and subsurface MI samples to verify the results from the 2008 release assessment.

15.4.1 Multi-Incremental Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 80. Based on the operational history, the COPCs for AOC 80 are explosives and RCRA metals.

Field activities will include the collection of MI samples from the 24 decision units shown on Figure 15-3. Each decision unit has dimensions of approximately 100 feet by 100 feet. A total of 100 subsamples will be collected from each decision unit using a hand auger. Fifty subsamples will be collected from 0- to 6 inches bgs and 50 subsamples from 6- to 12-inches bgs in each decision unit. A total for 48 MI samples will be collected from AOC 80.

Table 15-2 summarizes the proposed MI soil sampling and analysis at AOC 80. All samples will be analyzed for RCRA metals (EPA Methods 6010B and 7471A) and explosives (EPA Method 8330B).



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Multi-Incremental Sampling Location

FWDA Parcel 6

AOC Sites

Equals 200 feet

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Figure 15-3

Proposed Sampling Locations
AOC 80
Fort Wingate Depot Activity, New Mexico

CH2MHILL

Table 15-2 Proposed RCRA Facility Investigation Sampling and Analyses for AOC 80, Fort Wingate Depot Activity (1 of 2)

Sample Analysis					RCRA Metals	Explosives
Analytical Method					6010B and 7471A	8330B
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0680-SS01-M-0000	AOC 80	SS01	MI	0 - 0.5	x	x
0680-SB01-M-0001	AOC 80	SS01	MI	0.5 - 1.0	x	x
0680-SB01-M-0001-DUP	AOC 80	SS01	MI DUP	0.5 - 1.0	x	x
0680-SS02-M-0000	AOC 80	SS02	MI	0 - 0.5	x	x
0680-SS02-M-0000-MS/MSD	AOC 80	SS02	MI MS/MSD	0 - 0.5	x	x
0680-SB02-M-0001	AOC 80	SS02	MI	0.5 - 1.0	x	x
0680-SS03-M-0000	AOC 80	SS03	MI	0 - 0.5	x	x
0680-SS03-M-0000-DUP	AOC 80	SS03	MI DUP	0 - 0.5	x	x
0680-SB03-M-0001	AOC 80	SS03	MI	0.5 - 1.0	x	x
0680-SS04-M-0000	AOC 80	SS04	MI	0 - 0.5	x	x
0680-SB04-M-0001	AOC 80	SS04	MI	0.5 - 1.0	x	x
0680-SS05-M-0000	AOC 80	SS05	MI	0 - 0.5	x	x
0680-SB05-M-0001	AOC 80	SS05	MI	0.5 - 1.0	x	x
0680-SS06-M-0000	AOC 80	SS06	MI	0 - 0.5	x	x
0680-SB06-M-0001	AOC 80	SS06	MI	0.5 - 1.0	x	x
0680-SS07-M-0000	AOC 80	SS07	MI	0 - 0.5	x	x
0680-SB07-M-0001	AOC 80	SS07	MI	0.5 - 1.0	x	x
0680-SS08-M-0000	AOC 80	SS08	MI	0 - 0.5	x	x
0680-SS08-M-0000-DUP	AOC 80	SS08	MI DUP	0 - 0.5	x	x
0680-SB08-M-0001	AOC 80	SS08	MI	0.5 - 1.0	x	x
0680-SS09-M-0000	AOC 80	SS09	MI	0 - 0.5	x	x
0680-SS09-M-0000-MS/MSD	AOC 80	SS09	MI MS/MSD	0 - 0.5	x	x
0680-SB09-M-0001	AOC 80	SS09	MI	0.5 - 1.0	x	x
0680-SS10-M-0000	AOC 80	SS10	MI	0 - 0.5	x	x
0680-SB10-M-0001	AOC 80	SS10	MI	0.5 - 1.0	x	x
0680-SS11-M-0000	AOC 80	SS11	MI	0 - 0.5	x	x
0680-SB11-M-0001	AOC 80	SS11	MI	0.5 - 1.0	x	x
0680-SS12-M-0000	AOC 80	SS12	MI	0 - 0.5	x	x
0680-SB12-M-0001	AOC 80	SS12	MI	0.5 - 1.0	x	x
0680-SS13-M-0000	AOC 80	SS13	MI	0 - 0.5	x	x
0680-SB13-M-0001	AOC 80	SS13	MI	0.5 - 1.0	x	x
0680-SS14-M-0000	AOC 80	SS14	MI	0 - 0.5	x	x
0680-SB14-M-0001	AOC 80	SS14	MI	0.5 - 1.0	x	x
0680-SS15-M-0000	AOC 80	SS15	MI	0 - 0.5	x	x
0680-SB15-M-0001	AOC 80	SS15	MI	0.5 - 1.0	x	x
0680-SB15-M-0001-MS/MSD	AOC 80	SS15	MI MS/MSD	0.5 - 1.0	x	x
0680-SS16-M-0000	AOC 80	SS16	MI	0 - 0.5	x	x
0680-SB16-M-0001	AOC 80	SS16	MI	0.5 - 1.0	x	x
0680-SS17-M-0000	AOC 80	SS17	MI	0 - 0.5	x	x
0680-SB17-M-0001	AOC 80	SS17	MI	0.5 - 1.0	x	x
0680-SS18-M-0000	AOC 80	SS18	MI	0 - 0.5	x	x
0680-SS18-M-0000-DUP	AOC 80	SS18	MI DUP	0 - 0.5	x	x
0680-SB18-M-0001	AOC 80	SS18	MI	0.5 - 1.0	x	x
0680-SS19-M-0000	AOC 80	SS19	MI	0 - 0.5	x	x
0680-SB19-M-0001	AOC 80	SS19	MI	0.5 - 1.0	x	x
0680-SS20-M-0000	AOC 80	SS20	MI	0 - 0.5	x	x
0680-SB20-M-0001	AOC 80	SS20	MI	0.5 - 1.0	x	x

Table 15-2 Proposed RCRA Facility Investigation Sampling and Analyses for AOC 80, Fort Wingate Depot Activity (2 of 2)

Sample Analysis					RCRA Metals	Explosives
Analytical Method					6010B and 7471A	8330B
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0680-SS21-M-0000	AOC 80	SS21	MI	0 - 0.5	x	x
0680-SS21-M-0000-DUP	AOC 80	SS21	MI DUP	0 - 0.5	x	x
0680-SB21-M-0001	AOC 80	SS21	MI	0.5 - 1.0	x	x
0680-SS22-M-0000	AOC 80	SS22	MI	0 - 0.5	x	x
0680-SB22-M-0001	AOC 80	SS22	MI	0.5 - 1.0	x	x
0680-SS23-M-0000	AOC 80	SS23	MI	0 - 0.5	x	x
0680-SB23-M-0001	AOC 80	SS23	MI	0.5 - 1.0	x	x
0680-SS24-M-0000	AOC 80	SS24	MI	0 - 0.5	x	x
0680-SS24-M-0001	AOC 80	SS24	MI	0.5 - 1.0	x	x
0680-EB01	AOC 80	AOC 80	Equipment Blank	N/A	x	x
				Total Normal Samples	48	48
				Total Duplicates	5	5
				Total Equipment Blanks (Rinsate water sample)	1	1
				Total MS/MSD Samples (lab counts each separately)	3	3
				Total Soil Samples	59	59
				Total Water Samples	1	1
				Total Analyses	60	60

Notes:
bgs = below ground surface
DUP = duplicate sample
MI = multi-incremental
MS/MSD = matrix spike/matrix spike duplicate
RCRA = Resource Conservation and Recovery Act

Photograph 15-1 AOC 80, facing southeast, Fort Wingate Depot Activity

Photograph 15-2 AOC 80, facing southwest, Fort Wingate Depot Activity

16.0 AOC 81: Feature 11

16.1 Background

16.1.1 Location, Description, and Operational History

Area of Concern 81 is located in the north-central portion of Parcel 6, as shown in Figure 16-1. Photographs 16-1 and 16-2, which are provided at the end of this section, show various views of AOC 81. This AOC is described as Feature 11 on the 1962 aerial photo (API-3) in the 1995 Archive Search Report (USACE, 1995). A building the same size as the boundary of this AOC is present at the site beginning with the 1948 aerial photograph. This building is visible in the 1958 aerial photograph and has been removed by the 1962 aerial photograph. Based on review of the 1962 aerial photograph the former building at this location may have burned down.

Review of historical FWDA maps for this area lists AOC 81 as an Open Storage Site or a Standard Ammunition Magazine. A temporary building number of X-19 or T-330 is listed for AOC 81. Standard Ammunition Magazines were located at various places across the depot and consisted of covered open-air structures with no walls. Munitions were temporarily stored at these locations from the 1940s to the 1960s. Based on review of the aerial photographs and available documents, munitions were temporarily stored at AOC 81 beginning sometime between 1940 and 1941 and ceased sometime between 1958 and 1962. A 1967 map shows the temporary building identification number had been removed for AOC 81 while other open storage activities continued nearby. This gives further indication that the former building at this location burned down, causing operations at this location to cease.

16.1.2 Surface Conditions

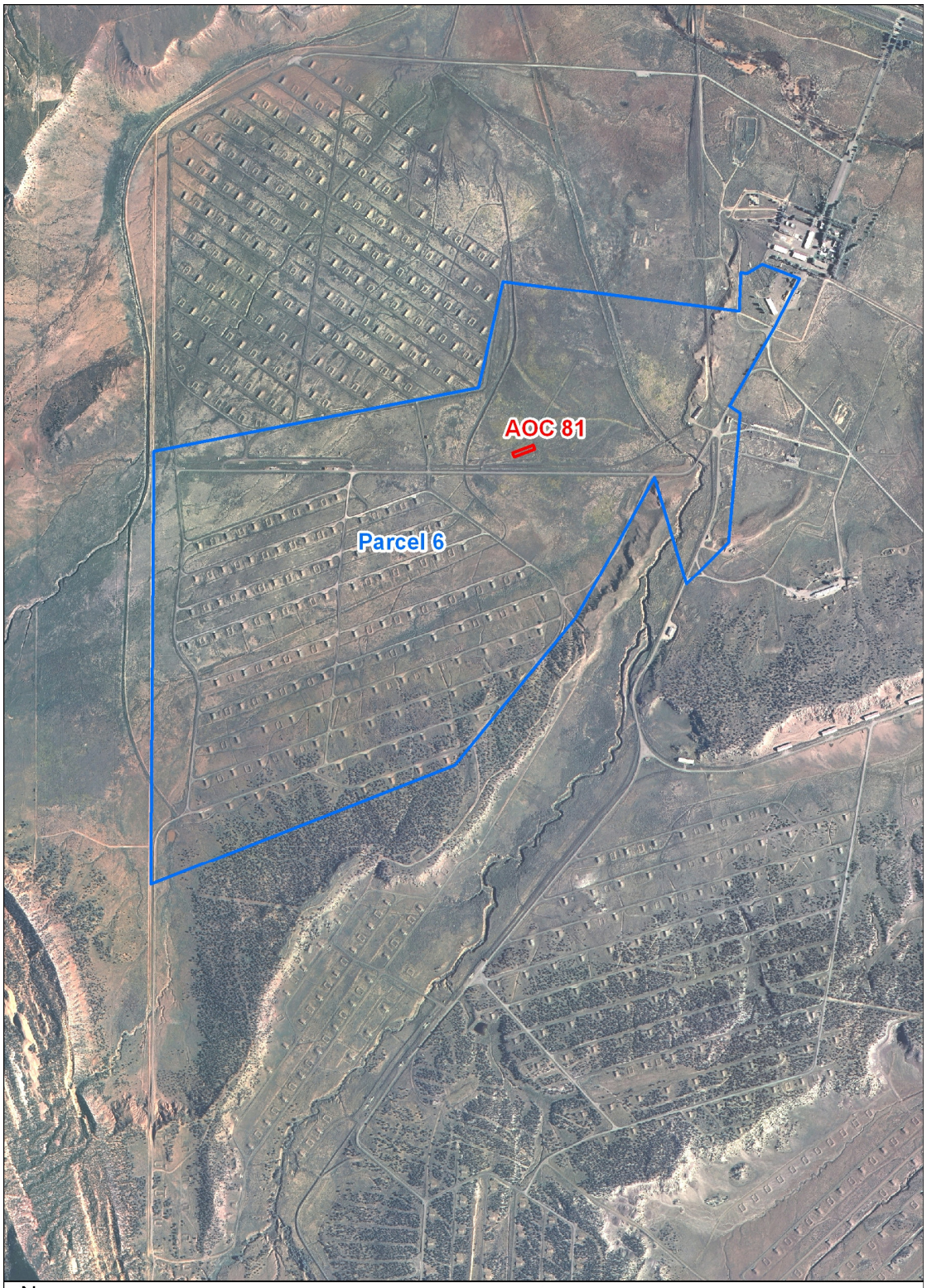
AOC 81 has a generally flat topography with a vegetation cover of grass and sagebrush.

16.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 81.

16.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 81. This site was identified as an AOC based solely on aerial photography. Explosives were handled and stored at AOC 81. Therefore, explosives and lead are considered the COPCs for this site. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the temporary storage of munitions.



N

Legend

Parcel 6 Boundary

AOC Boundary

Equals 1,500 feet

Figure 16-1

AOC 81 Location Map
Fort Wingate Depot Activity, New Mexico

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16.2 Previous Investigations

16.2.1 Nonsampling Data

Nonsampling data available for AOC 81 are summarized below.

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 81 in the 2006 report is as follows:

1935 – No significant findings

1948 – A rectangular building is present; no significant findings

1952 – Rectangular scar/building foundation; no significant findings

1958 – No significant findings

1962 – Dark-toned material or staining is present west and south of the site

1966 – No significant findings

1973 – No significant findings

1978 – No significant findings

1985 – No significant findings

1991 – No significant findings

1993 – No photo coverage

1997 – No significant findings

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within AOC 81. However, the report includes background information relevant to areas at the FWDA installation that were previously used to temporarily store inert items and ordnance, such as AOC 81. The report indicates that buildings designated with an X- identifier were wood-framed structures with a roof but no walls. These buildings had earth or gravel floors and were present at the FWDA installation from approximately 1945 to 1980. Areas with a T- identifier were flat open storage areas with no associated building that were present at the FWDA installation from approximately 1945 to 1948.

16.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 16.3.3.

16.2.3 Conceptual Model

16.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 81 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have been an area of dark-toned soil. However, further evaluation of the aerial photography indicates that the area of dark-toned soil previously contained an Open Storage Site or a Standard Ammunition Magazine, which was a building used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning sometime between 1940 and 1941 and continued until sometime between 1958 and 1962 when the building burned down.

16.2.3.2 Fate and Transport

If contamination is present at AOC 81, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

16.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 16.3.3.

16.3 Release Assessment

16.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 81. As discussed above, this site was identified as an AOC based on aerial photography that was previously interpreted to have been an area of dark-toned soil. However, further evaluation of the aerial photography indicates that the area of dark-toned soil previously contained an Open Storage Site or a Standard Ammunition Magazine, which was a building used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning sometime between 1940 and 1941 and continued until sometime between 1958 and 1962 when the building burned down.

16.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 81 on July 18, 2008. A site walk revealed several prairie dog holes and ant hills, but no man-made debris were observed at the ground surface at AOC 81.

A site reconnaissance field form and a copy of the field notes are presented in Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in Appendix F.

16.3.3 Soil Sampling

One MI surface soil sample was collected at AOC 81 and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. The MI sampling locations are shown in Figure 16-2.

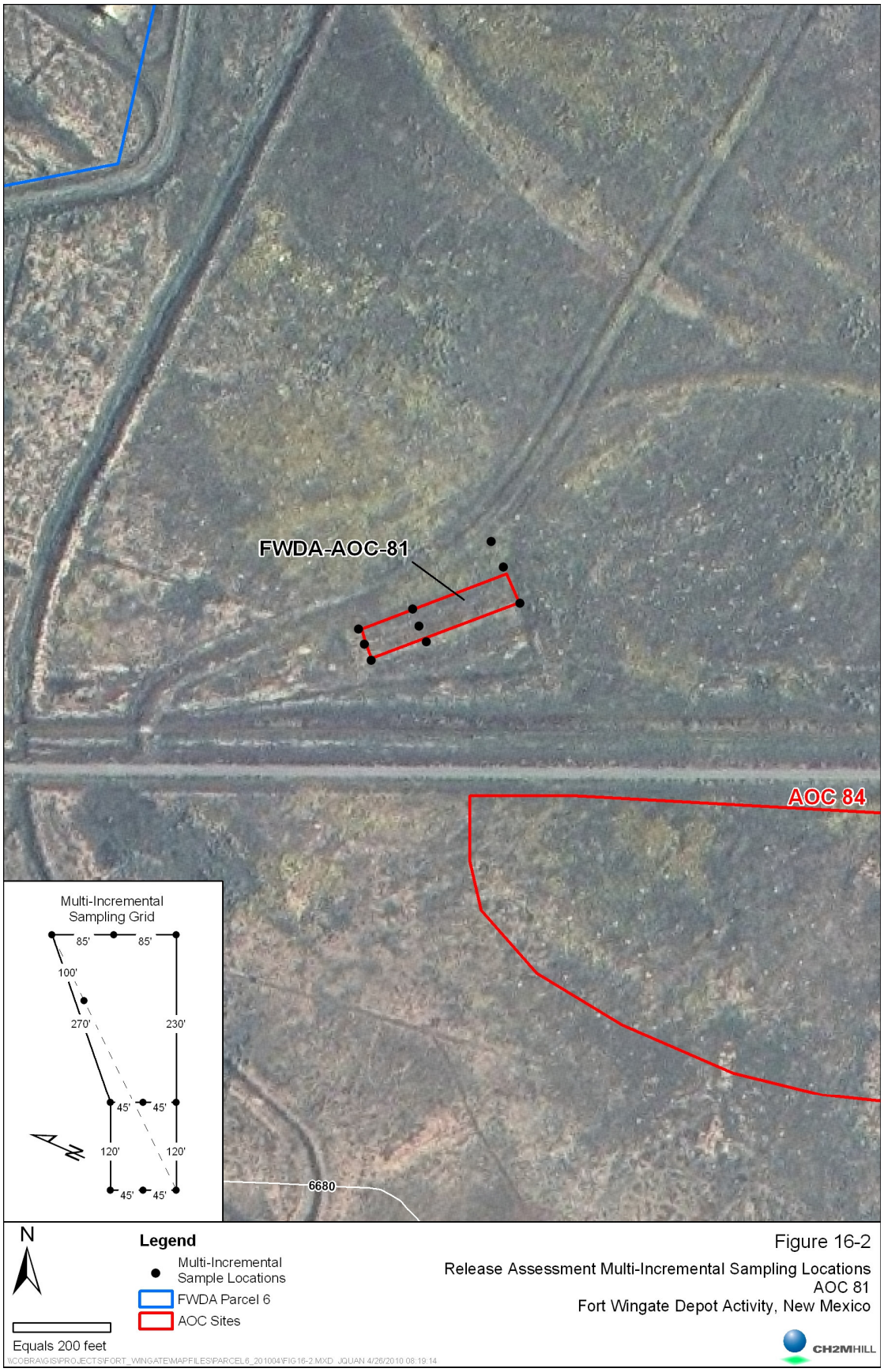

Figure 16-2
Release Assessment Multi-Incremental Sampling Locations
AOC 81
Fort Wingate Depot Activity, New Mexico

The MI sample consisted of 10 individual sample locations taken from a sampling grid covering the extent of the AOC and then composited into one MI sample.

No explosives were positively detected in the sample collected from AOC 81. Lead was detected at a concentration of 6.1 mg/kg, which is below the NMED residential SSL, of 400 mg/kg. A summary of the sample analysis results is presented in Table 16-1. The full laboratory report is presented in Appendix G. The DQE report is provided in Appendix H.

16.3.4 Screening Assessments

16.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, positively detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL, which are provided in Appendix I. Lead was the only positively detected COPC at AOC 81. Lead was detected at a maximum concentration of 6.1 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg.

16.3.4.2 16.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 81.

16.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, the NMED has directed that additional samples be collected at AOC 81:

Based on the release assessment investigation results, the following recommendations are made for AOC 81:

- It is recommended that NFA decision documents be prepared for AOC 81.

16.4 Scope of Activities

The following field activities will be conducted during the RFI at AOC 81:

- Collection of three surface soil MI samples from 0- to 6-inches bgs and three subsurface samples from 6- to 12-inches bgs in the AOC.
- Analysis of the surface and subsurface MI samples to verify the results from the 2008 release assessment investigation.

Table 16-1 Release Assessment Laboratory Data Summary, AOC 81, Fort Wingate Depot Activity

Chemical Class and Laboratory Method	Analyte	RL[a]	NMED Residential Soil SSL[b]	AOC 81
				FWDA-AOC81-SS-072108
				7/21/2008
Lead - EPA Method 6010B	Lead	0.3688	400	6.1

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
Sample collected from 0 to 1 feet below ground surface.
Concentrations in miligram per kilogram

16.4.1 Multi-Incremental Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 81. Based on the operational history, the COPCs for AOC 81 are explosives and RCRA metals.

Field activities will include the collection of six MI samples within the AOC boundary. Due to its size, AOC 81 is divided into three decision units for the RFI as shown on Figure 16-3. A total of 100 subsamples will be collected from each decision unit using a hand auger. Fifty subsamples will be collected from 0- to 6-inches bgs and 50 subsamples from 6- to 12-inches bgs in each decision unit.

Table 16-2 summarizes the proposed MI soil sampling at AOC 81. All samples will be analyzed for RCRA metals (EPA Methods 6010B and 7471A) and explosives (EPA Method 8330B).

Table 16-2 Proposed RCRA Facility Investigation Sampling and Analyses, AOC 81, Fort Wingate Depot Activity

Sample Analysis					RCRA Metals	Explosives
Analytical Method					6010B and 7471A	8330B
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0681-SS01-M-0000	AOC 81	SS01	MI	0 - 0.5	x	x
0681-SS01-M-0000-DUP	AOC 81	SS01	MI DUP	0 - 0.5	x	x
0681-SB01-M-0001	AOC 81	SS01	MI	0.5 - 1.0	x	x
0681-SS02-M-0000	AOC 81	SS02	MI	0 - 0.5	x	x
0681-SS02-M-0000-MS/MSD	AOC 81	SS02	MI MS/MSD	0 - 0.5	x	x
0681-SB02-M-0001	AOC 81	SS02	MI	0.5 - 1.0	x	x
0681-SS03-M-0000	AOC 81	SS03	MI	0 - 0.5	x	x
0681-SB03-M-0001	AOC 81	SS03	MI	0.5 - 1.0	x	x
0681-EB01	AOC 81	AOC 81	Equipment Blank	N/A	x	x
				Total Normal Samples	6	6
				Total Duplicates	1	1
				Total Equipment Blanks (Rinsate water sample)	1	1
				Total MS/MSD Samples (lab counts each separately)	1	1
				Total Soil Samples	9	9
				Total Water Samples	1	1
				Total Analyses	10	10

bgs = below ground surface
DUP = duplicate sample
MI = multi-incremental
RCRA = Resource Conservation and Recovery Act

Figure 16-3
Proposed Sampling Locations
AOC 81
Fort Wingate Depot Activity, New Mexico

Photograph 16-1 AOC 81, facing east, Fort Wingate Depot Activity

Photograph 16-2 AOC 81, facing south, Fort Wingate Depot Activity

17.0 AOC 83: Feature 22

17.1 Background

17.1.1 Location, Description, and Operational History

Area of Concern 83 is located in the west-central portion of Parcel 6, as shown in Figure 17-1. Photographs 17-1 and 17-2, which are provided at the end of this section, show various views of AOC 83. This AOC is described as Feature 22 on 1973 aerial photo (API-5) in the 1995 Archive Search Report (USACE, 1995). The 1935 aerial photograph shows a pre-WWII magazine located in the central portion of the AOC. It is suspected that this building was removed sometime between 1940 and 1941. The 1948 aerial photograph a long rectangular building is present at the site oriented from north to south extending from the location of the pre-WWII magazine to the south beyond the extent of the AOC. The building is present through the 1962 aerial photograph, but had been removed by the time of the 1966 aerial photograph.

Review of historical FWDA maps for this area lists a portion of AOC 83 as an Open Storage Site or a Standard Ammunition Magazine. A temporary building number of Z-219 or X-20 is listed for this area. Standard Ammunition Magazines were located at various places across the depot and consisted of covered open-air structures with no walls. Munitions were temporarily stored at these locations from the 1940s to the 1960s. Based on review of the aerial photographs and available documents, munitions were temporarily stored at AOC 83 beginning sometime between 1940 and 1941. Storage operations ceased sometime between 1962 and 1966.

17.1.2 Surface Conditions

AOC 83 has a generally flat topography with a vegetation cover of grass and sagebrush.

17.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 83.

17.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 83. This site was identified as an AOC based solely on aerial photography. Explosives were handled and stored at AOC 83. Therefore, explosives and lead are considered the COPCs for this site. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the temporary storage of munitions.

N

Legend

Parcel 6 Boundary

AOC Boundary

Equals 1,500 feet

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Figure 17-1

AOC 83 Location Map
Fort Wingate Depot Activity, New Mexico

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17.2 Previous Investigations

17.2.1 Nonsampling Data

Nonsampling data available for AOC 83 are summarized below.

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 83 in the 2006 report is as follows:

1935 – No significant findings

1948 – A building is present; no significant findings

1952 – A building is present; no significant findings

1958 – A building is present; no significant findings

1962 – A building is present; no significant findings

1966 – The building seen in 1962 has been removed

1973 – Stacked material is present onsite; disturbed ground and erosional features are present to the east

1978 – A graded area is present with probable stacked material

1985 – No significant findings

1991 – No significant findings

1993 – No photo coverage

1997 – No significant findings

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within AOC 83. However, the report includes background information relevant to areas at the FWDA installation that were previously used to temporarily store inert items and ordnance, such as AOC 83. The report indicates that buildings designated with an X- identifier were wood-framed structures with a roof but no walls. These buildings had earth or gravel floors and were present at the FWDA installation from approximately 1945 to 1980. Areas with a Z- identifier were either buildings such as those with the X- identifier or were flat open storage areas with no associated building that were present at the FWDA installation from approximately 1945 to 1980.

***Final Report on Airborne Geophysical Survey, Battelle,* 2009**

In January, 2009, a low-altitude airborne vertical magnetic gradient geophysical survey was conducted over the Fort Wingate Army Depot, New Mexico. The objective of the survey was to collect data over areas delineated by the United States Army Engineering Support Center to define the limits of UXO contamination with an emphasis on pits and trenches. The main survey area consisted of 1,650 acres; however, due to topography and vegetation, only 1,489 acres were actually surveyed. The typical survey altitude was 1 to 5 meters above ground level in the low, flat areas, and 5 to 10 meters above ground level in the valleys and rugged terrain areas.

The results of the airborne geophysical survey for AOC 83 are shown in Figure 17-2. The magnetic anomalies visible in AOC 83 are related to gravel imported to the site for the temporary building pad and road base.

17.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 17.3.3.

17.2.3 Conceptual Model

17.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 83 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have been an area of disturbed ground and stacked material. However, further evaluation of the aerial photography indicates that the area of disturbed ground previously contained an Open Storage Site or a Standard Ammunition Magazine, which was a building used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning sometime between 1940 and 1941 and continued until sometime between 1962 and 1966 when the building was removed.

17.2.3.2 Fate and Transport

If contamination is present at AOC 83, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

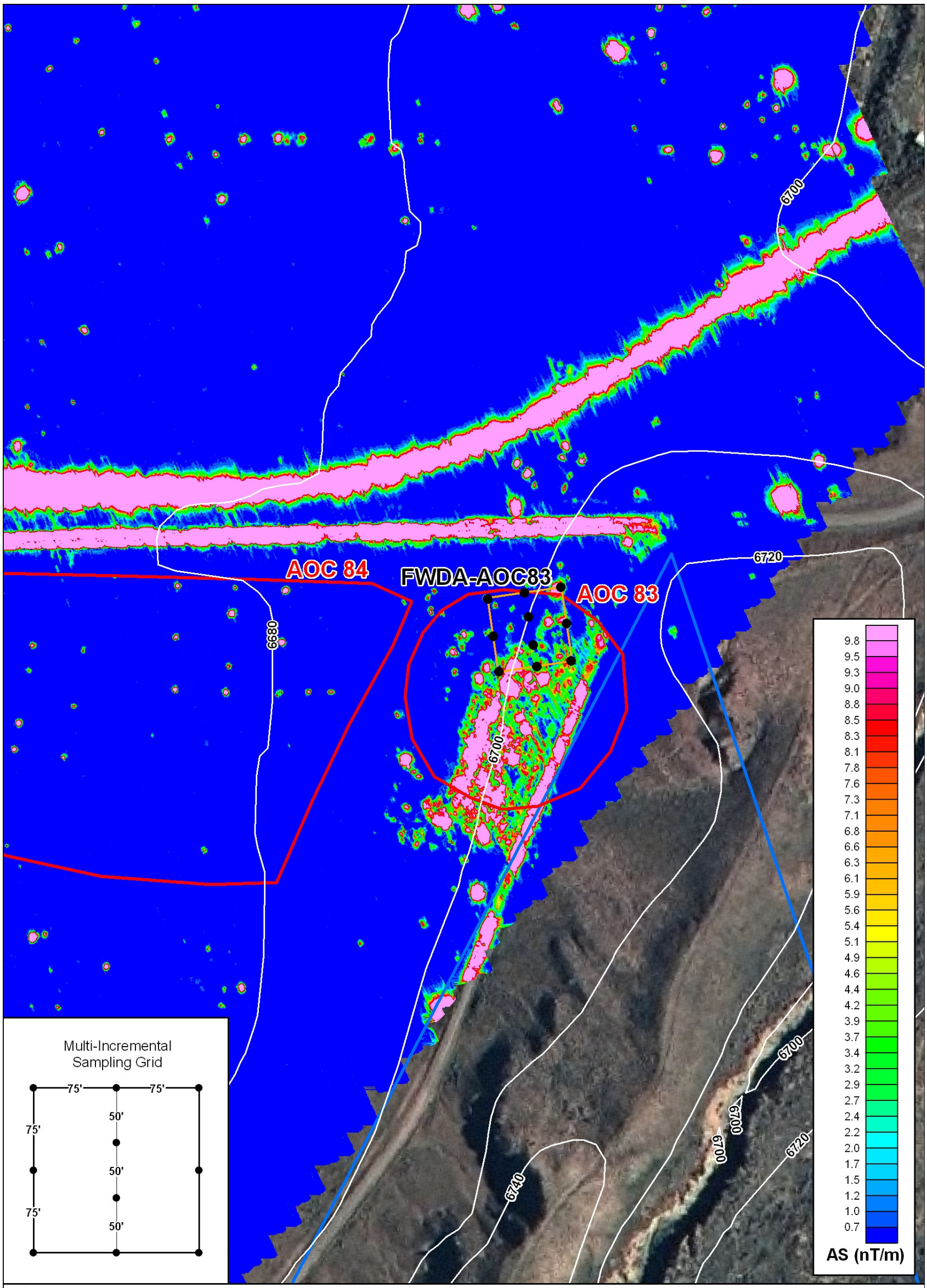
17.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 17.3.3.

17.3 Release Assessment

17.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 83. As discussed above, this site was identified as an AOC based on aerial photography that was previously interpreted to have been an area disturbed ground or stacked material. However, further evaluation of the aerial photography indicates that AOC 83 previously contained an Open Storage Site or a Standard Ammunition Magazine, which was a building used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning sometime between 1940 and 1941 and continued until sometime between 1962 and 1966 when the building was removed.



N

Legend

- Multi-Incremental Sampling Location
- FWDA Parcel 6
- AOC Sites

Equals 200 feet

Figure 17-2

Airborne Geophysical Survey of AOC 83
Fort Wingate Depot Activity, New Mexico

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17.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 83 on July 18, 2008. A site walk revealed several pieces of metal packaging banding and several 37mm ammunition storage can lids.

A site reconnaissance field form and a copy of the field notes are presented in Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in Appendix F.

17.3.3 Soil Sampling

One MI surface soil sample was collected at AOC 83 and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. The MI sample location was selected based on the site reconnaissance in an area with debris. The MI sample decision unit is shown on Figure 17-3. The MI sample consisted of 10 individual sample locations taken from a 150-foot-by-150-foot sampling grid and composited into one MI sample.

No explosives were positively detected in the sample collected from AOC 83. Lead was detected at a concentration of 7.3 mg/kg, which is below the NMED residential SSL, of 400 mg/kg. A summary of the sample analysis results is presented in Table 17-1. The full laboratory report is presented in Appendix G. The DQE report is provided in Appendix H.

17.3.4 Screening Assessments

17.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, positively detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL, which are provided in Appendix I. Lead was the only positively detected COPC at AOC 83. Lead was detected at a maximum concentration of 7.3 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg.

17.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 83.

17.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, the NMED has directed that additional MI samples be collected from AOC 83.

Table 17-1 Release Assessment Laboratory Data Summary, AOC 83, Feature 22, Fort Wingate Depot Activity

Chemical Class and Laboratory Method	**Analyte**	**RL[a]**	**NMED Residential Soil SSL[b]**	AOC 83
				FWDA-AOC83-SS-072108
				7/21/2008
Lead - EPA Method 6010B	Lead	0.3688	400	7.3

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
Sample collected from 0 to 1 feet below ground surface.
Concentrations in milligram per kilogram

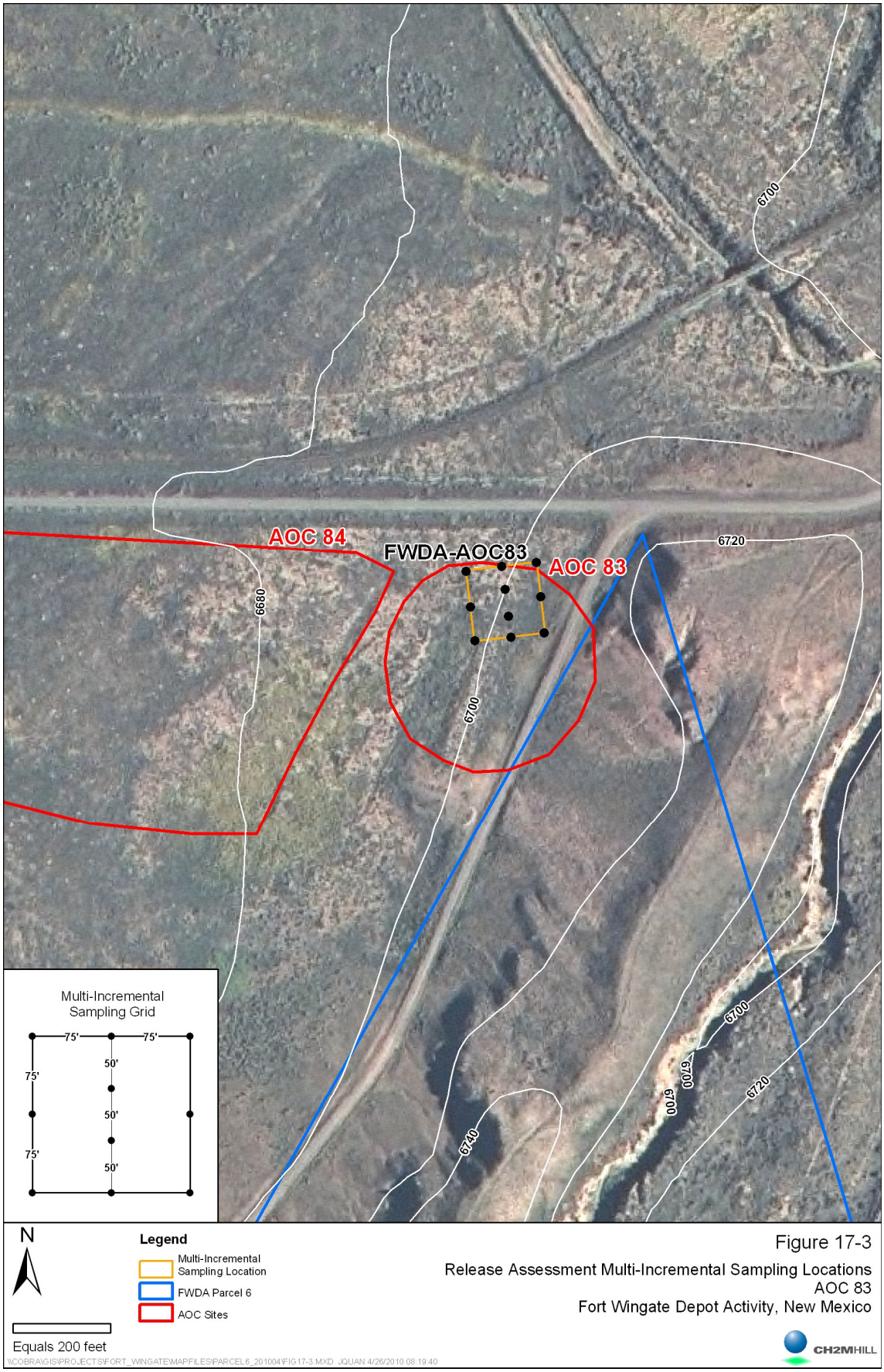


Figure 17-3
Release Assessment Multi-Incremental Sampling Locations
AOC 83
Fort Wingate Depot Activity, New Mexico

17.4 Scope of Activities

The following field activities will be conducted during the RFI at AOC 83:

- Collection of six surface soil MI samples from 0- to 6-inches bgs and six subsurface soil MI samples from 6- to 12-inches bgs in AOC 83.
- Analysis of the surface and subsurface MI samples to verify the results of the 2008 release assessment investigation.

17.4.1 Multi-Incremental Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 83. Based on the operational history, the COPCs for AOC 83 are RCRA metals and explosives.

Field activities will include the collection of 12 MI samples within the AOC boundary. Due to its size, AOC 83 was divided into six decision units for the RFI as shown on Figure 17-4. A total of 100 subsamples will be collected from each decision unit using a hand auger. Fifty subsamples will be collected from 0- to 6-inches bgs and 50 subsamples from 6- to 12-inches bgs in each decision unit.

Table 17-2 summarizes the proposed MI soil sampling at AOC 83. All samples will be analyzed for RCRA metals (EPA Methods 6010B and 7471A) and explosives (EPA 8330B).

Table 17-2 Proposed RCRA Facility Investigation Sampling and Analyses for AOC 83, Fort Wingate Depot Activity

Sample Analysis					RCRA Metals	Explosives
Analytical Method					6010B and 7471A	8330B
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0683-SS01-M-0000	AOC 83	SS01	MI	0 - 0.5	x	x
0683-SS01-M-0000-DUP	AOC 83	SS01	MI DUP	0 - 0.5	x	x
0683-SB01-M-0001	AOC 83	SS01	MI	0.5 - 1.0	x	x
0683-SS02-M-0000	AOC 83	SS02	MI	0 - 0.5	x	x
0683-SB02-M-0001	AOC 83	SS02	MI	0.5 - 1.0	x	x
0683-SS03-M-0000	AOC 83	SS03	MI	0 - 0.5	x	x
0683-SB03-M-0001	AOC 83	SS03	MI	0.5 - 1.0	x	x
0683-SB03-M-0001-MS/MSD	AOC 83	SS03	MI MS/MSD	0.5 - 1.0	x	x
0683-SS04-M-0000	AOC 83	SS04	MI	0 - 0.5	x	x
0683-SB04-M-0001	AOC 83	SS04	MI	0.5 - 1.0	x	x
0683-SB04-M-0001-DUP	AOC 83	SS04	MI DUP	0.5 - 1.0	x	x
0683-SS05-M-0000	AOC 83	SS05	MI	0 - 0.5	x	x
0683-SB05-M-0001	AOC 83	SS05	MI	0.5 - 1.0	x	x
0683-SS06-M-0000	AOC 83	SS06	MI	0 - 0.5	x	x
0683-SB06-M-0001	AOC 83	SS06	MI	0.5 - 1.0	x	x
0683-EB01	AOC 83	AOC 83	Equipment Blank	N/A	x	x
				Total Normal Samples	12	12
				Total Duplicates	2	2
				Total Equipment Blanks (Rinsate water sample)	1	1
				Total MS/MSD Samples (lab counts each separately)	1	1
				Total Soil Samples	16	16
				Total Water Samples	1	1
				Total Analyses	17	17

AOC = Area of Concern
bgs = below ground surface
DUP = duplicate sample
MI = multi-incremental
MS/MSD - matrix spike/matrix spike duplicate
RCRA = Resource Conservation and Recovery Act

Figure 17-4
Proposed Sampling Locations
AOC 83
Fort Wingate Depot Activity, New Mexico

Photograph 17-1. AOC 83 facing south, Fort Wingate Depot Activity

Photograph 17-2. AOC 83 facing west, Fort Wingate Depot Activity.

18.0 AOC 84: Feature 12

18.1 Background

18.1.1 Location, Description, and Operational History

Area of Concern 84 is located in the north-central portion of Parcel 6, as shown in Figure 18-1. Photographs 18-1 and 18-2, which are provided at the end of this section, show various views of AOC 84. This AOC is described as Feature 12 on 1962 aerial photo (API-3) in the 1995 Archive Search Report (USACE, 1995). The 1935 aerial photograph shows a pre-WWII magazine located in the north-central portion of the AOC and another smaller building in the southeast portion of the AOC. It is suspected that these buildings were removed sometime between 1940 and 1941. Based on the review of available aerial photography and historical documents, there is no indication of active operations at this AOC from 1941 to the present.

Further review of the aerial photography indicates that the disturbed ground and dark-toned area noted in the previous review of the 1962 aerial photograph appears to be caused by natural drainage and vegetation patterns at this location that are still generally present at the site today. Additionally, this site contains vast numbers of prairie dog burrows that cover nearly the entire AOC that could have been partially interpreted as disturbed ground in the 1962 aerial photograph.

18.1.2 Surface Conditions

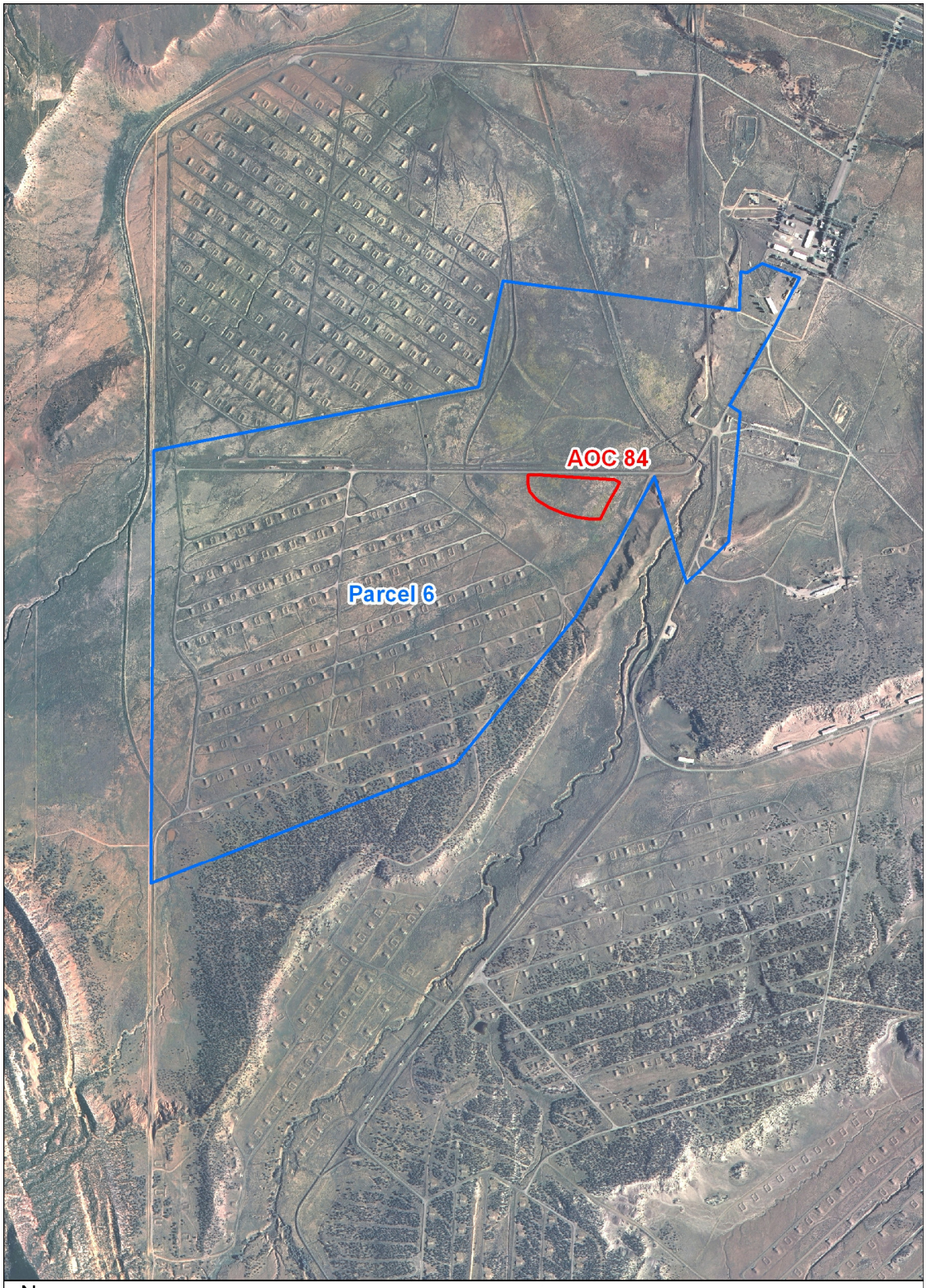
AOC 84 has a generally flat topography with a vegetation cover of grass and sagebrush. This site contains vast numbers of prairie dog burrows that cover nearly the entire AOC.

18.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 84.

18.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 84. This site was identified as an AOC based solely on aerial photography. Explosives were handled in nearby areas and were potentially stored in temporary open storage configurations near AOC 84. Therefore, explosives and lead are considered the COPCs for this site. Other contaminants are not expected at this location because AOC 84 appears to have been historically undeveloped land with no indication of active operations following the removal of the pre-WWII magazine prior to 1941.



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Legend

Parcel 6 Boundary

AOC Boundary

Equals 1,500 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG18-1.MXD JQUAN 4/14/2010 14:34:00

Figure 18-1

AOC 84 Location Map
Fort Wingate Depot Activity, New Mexico

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18.2 Previous Investigations

18.2.1 Nonsampling Data

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 84 in the 2006 report is as follows:

1935 – No significant findings

1948 – No significant findings

1952 – No significant findings

1958 – No significant findings

1962 – Disturbed ground and dark-toned material are present

1966 – No significant findings

1973 – No significant findings

1978 – No significant findings

1985 – No significant findings

1991 – No significant findings

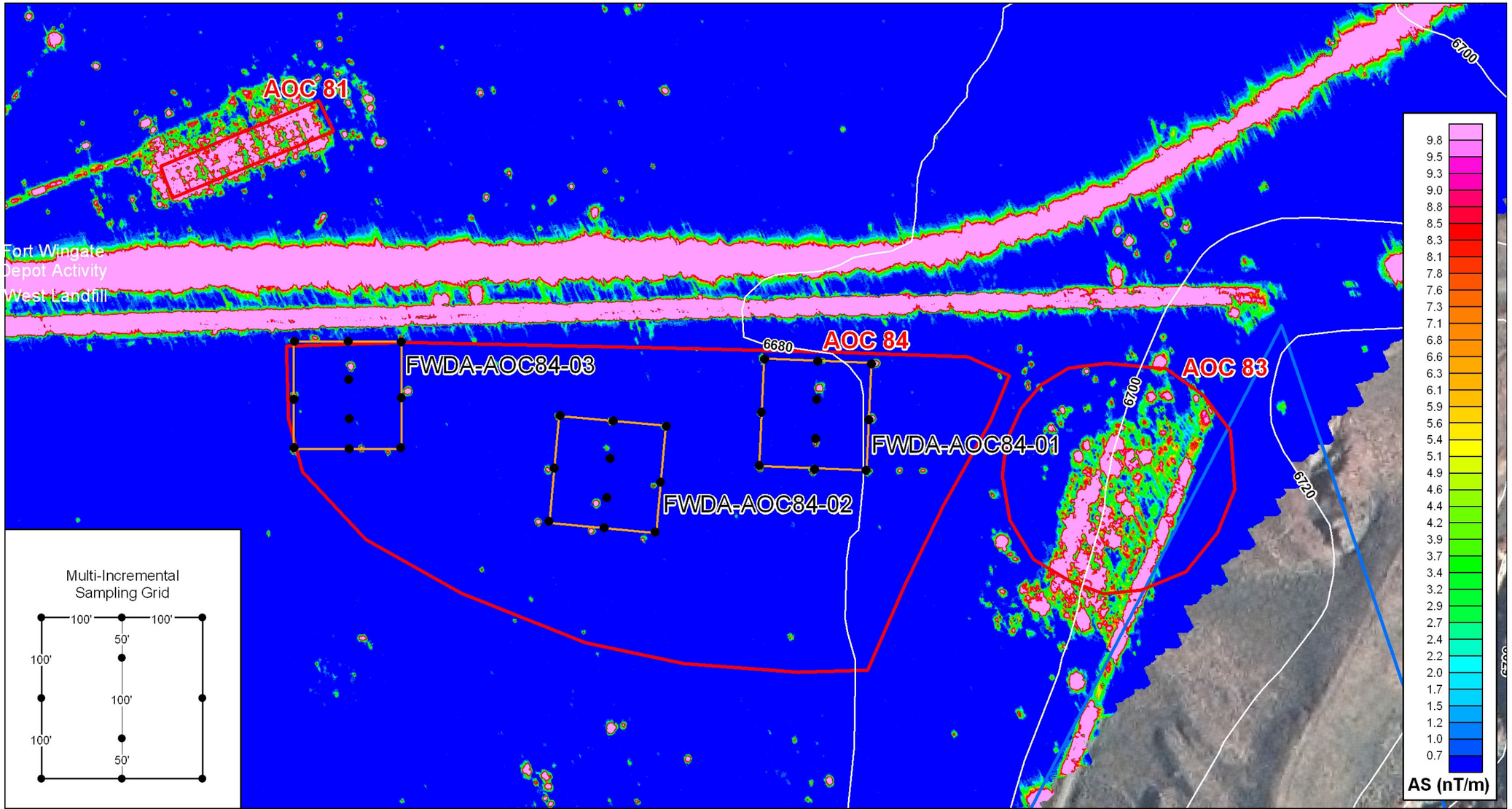
1993 – No photo coverage

1997 – No significant findings

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

***Final Report on Airborne Geophysical Survey, Battelle,* 2009**In January, 2009, a low-altitude airborne vertical magnetic gradient geophysical survey was conducted over the Fort Wingate Army Depot, New Mexico. The objective of the survey was to collect data over areas delineated by the United States Army Engineering Support Center to define the limits of UXO contamination with an emphasis on pits and trenches. The main survey area consisted of 1,650 acres; however, due to topography and vegetation, only 1,489 acres were actually surveyed. The typical survey altitude was 1 to 5 meters above ground level in the low, flat areas, and 5 to 10 meters above ground level in the valleys and rugged terrain areas.

The results of the airborne geophysical survey for AOC 84 are shown in Figure 19-2. No significant magnetic anomalies were identified within the boundary of the AOC.



N

Legend

- Multi-Incremental Sampling Location
- FWDA Parcel 6
- AOC Sites

Equals 200 feet

Figure 18-2

Airborne Geophysical Survey of
AOC 84
Fort Wingate Depot Activity, New Mexico

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18.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 18.3.3.

18.2.3 Conceptual Model

18.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment or historic operations at AOC 84 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have apparent disturbed ground. However, further evaluation of the aerial photography indicates that the area of disturbed ground appears to be caused by natural drainage and vegetation patterns at this location that are still generally present at the site today. Additionally, this site contains vast numbers of prairie dog burrows that cover nearly the entire AOC that could have been partially interpreted as disturbed ground in the 1962 aerial photograph. Historical documents do not indicate that this area supported active operations from 1941 to the present.

18.2.3.2 Fate and Transport

If contamination is present at AOC 84, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

18.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 18.3.3.

18.3 Release Assessment

18.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 84. As noted in the aerial photograph analysis report (ERI, 2006), there were no significant findings for AOC 84 on any of the photos reviewed from 1935 to 1997 that would suggest a release to the environment at this site, other than the disturbed ground noted for the 1962 aerial photograph. Upon further evaluation of the aerial photography, the disturbed ground appears to be caused by natural drainage and vegetation patterns at this location that are still generally present at the site today.

18.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 84 on July 21, 2008. A site walk revealed several prairie dog holes and ant hills, but no man-made debris were observed at the ground surface at AOC 84.

A site reconnaissance field form and a copy of the field notes are presented in Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in Appendix F.

18.3.3 Soil Sampling

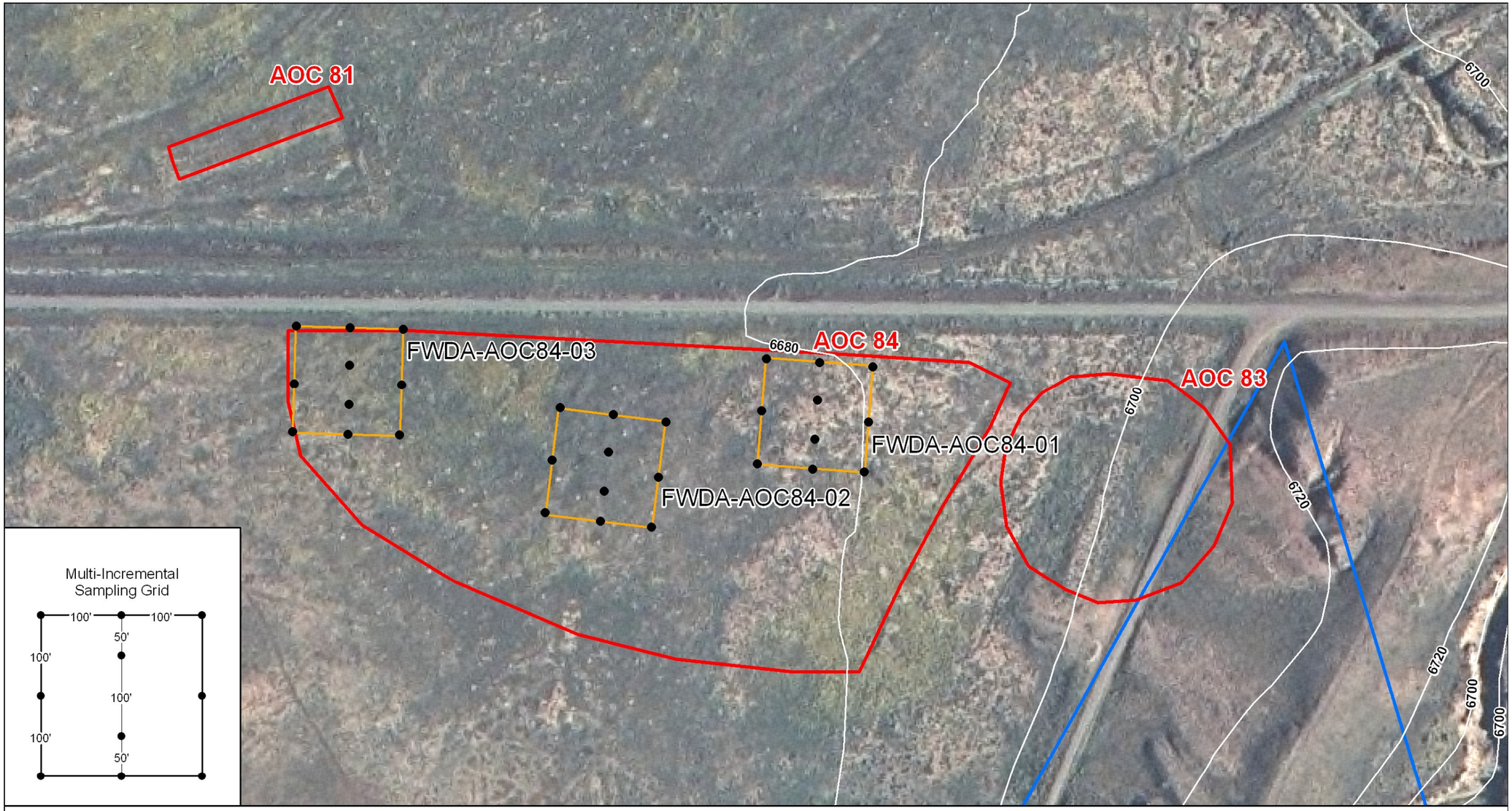
Surface soil samples were collected at three general locations at AOC 84. The sample locations are shown in Figure 18-3. Multi-incremental samples were collected from each of the three locations and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. Each of the three MI samples consisted of 10 individual sample locations taken from a 200-foot-by-200-foot sampling grid and composited into one MI sample.

Four explosives compounds, 1,3,5-trinitrobenzene, 2,4-dinitrotoluene, 2,6-dinitrololuene, and RDX, and lead were detected at low or qualified concentrations below the NMED residential SSL or the EPA RSL for soil at sample locations FWDA-AOC84-02 and FWDA-AOC84-03. A summary of the sample analysis results is presented in Table 18-1. The full laboratory report is presented in Appendix G. The DQE report is provided in Appendix H.

Table 18-1 Release Assessment Laboratory Data Summary, AOC 84, Fort Wingate Depot Activity

Chemical Class and Laboratory Method	**Analyte**	**RL[a]**	**NMED Residential Soil SSL[b]**	AOC 84	AOC 84	AOC 84
				FWDA-AOC84-01-SS-072208	FWDA-AOC84-02-SS-072208	FWDA-AOC84-03-SS-072208
				7/22/2008	7/22/2008	7/22/2008
Lead - EPA Method 6010B	Lead	0.3688	400	6.2	4.3	5.9
Explosives- EPA Method 8330B	1,3,5-Trinitrobenzene	0.2	2,200[c]	<0.2	0.2 J	<0.2
	2,4-Dinitrotoluene	0.23	12.6	<0.23	0.11 J	0.13 J
	2,6-Dinitrotoluene	0.2	61.2	<0.2	0.45	0.16 J
	RDX	0.18	35.6	<0.18	0.18 J	<0.18

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[c] EPA Regional Screening Levels, December 2009.
Positive detections of explosives compounds are shaded.
Samples collected from 0 to 1 feet below ground surface.
J – Estimated value below the RL.
Concentrations in milligram per kilogram
RDX - cyclotrimethylenetrinitramine



N

Equals 200 feet

Legend

- Multi-Incremental Sampling Location
- FWDA Parcel 6
- AOC Sites

Figure 18-3

Release Assessment Multi-Incremental Sampling Locations
AOC 84
Fort Wingate Depot Activity, New Mexico

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18.3.4 Screening Assessments

18.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL for all positively detected compounds. Detected compounds were evaluated based on comparison to their toxicological endpoint and comparison to NMED residential direct exposure to SSL (NMED, 2009), or if no NMED SSL exists, to the EPA RSL for soil (EPA, 2009 The NMED SSLs and EPA RSLs are provided in Appendix I.

The following positively detected compounds were considered for further screening assessment:

- 1,3,5-trinitrobenzene, 0.2J milligram per kilogram (mg/kg) (J represents estimated value)
- 2,4-dinitrotoluene, 0.13J mg/kg
- 2,6-dinitrotoluene, 0.45 mg/kg
- RDX, 0.18J mg/kg
- Lead, 6.2 mg/kg

In accordance with NMED guidance, identified COPCs were used to generate a site risk ratio by dividing the COPC maximum detected concentrations by their respective screening levels and summing all values. The calculations are presented in Equations 18.1 and 18.2.

Equation 18.1 – AOC 84 Noncarcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for 1,3,5-trinitrobenzene, 2,4-dinitrotoluene, and 2,6-dinitrotoluene}}{\text{NMED residential SSL or EPA Region 6 residential MSSL for direct exposure to soil for each compound}} = \text{Noncarcinogenic Site Risk Ratio}$$

$$\left[\frac{0.2J\ mg/kg}{1{,}800\ mg/kg} + \frac{0.13J\ mg/kg}{122\ mg/kg} + \frac{0.45\ mg/kg}{61\ mg/kg} = 0.009\ Site\ Risk\ Ratio\right]$$

Equation 18.2 – AOC 84 Carcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for RDX}}{\text{NMED residential SSL for direct exposure to soil for RDX}} = \text{Carcinogenic Site Risk Ratio}$$

$$\left[\frac{0.18J\ mg/kg}{44.2\ mg/kg} = 0.004\ Site\ Risk\ Ratio\right]$$

In accordance with NMED guidance, the residential human health-based site risk ratio was calculated to be 0.009 for noncarcinogenic compounds and 0.004 for carcinogenic compounds. Lead was detected at a maximum concentration of 6.2 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg. The calculated risk ratios are below the maximum acceptable ratio of 1. Therefore, the COPCs at this site pose an acceptable level of risk.

18.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 84.

18.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, the NMED has directed that additional MI samples be collected from AOC 84.

18.4 Scope of Activities

- Collection of eight surface soil MI samples from 0- to 6-inches bgs and eight subsurface soil MI samples from 6- to 12-inches bgs in AOC 84.
- Analysis of the surface and subsurface MI samples to verify the results of the 2008 release assessment investigation.

18.4.1 Multi-Incremental Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 84. Based on the previous investigations, the COPCs for AOC 84 are RCRA metals and explosives.

Field activities will include the collection of 16 MI samples within the AOC boundary. The location of the decision units was based upon the positive detections of explosives and lead in the release assessment investigation. The proposed MI sampling locations are shown on Figure 18-4. A total of 100 subsamples will be collected from each decision unit using a hand auger. Fifty subsamples will be collected from 0- to 6-inches bgs and 50 subsamples from 6- to 12-inches bgs in each decision unit.

Table 18-2 summarizes the proposed MI soil sampling at AOC 84. All samples will be analyzed for RCRA metals (EPA Methods 6010B and 7471A) and explosives (EPA 8330B).

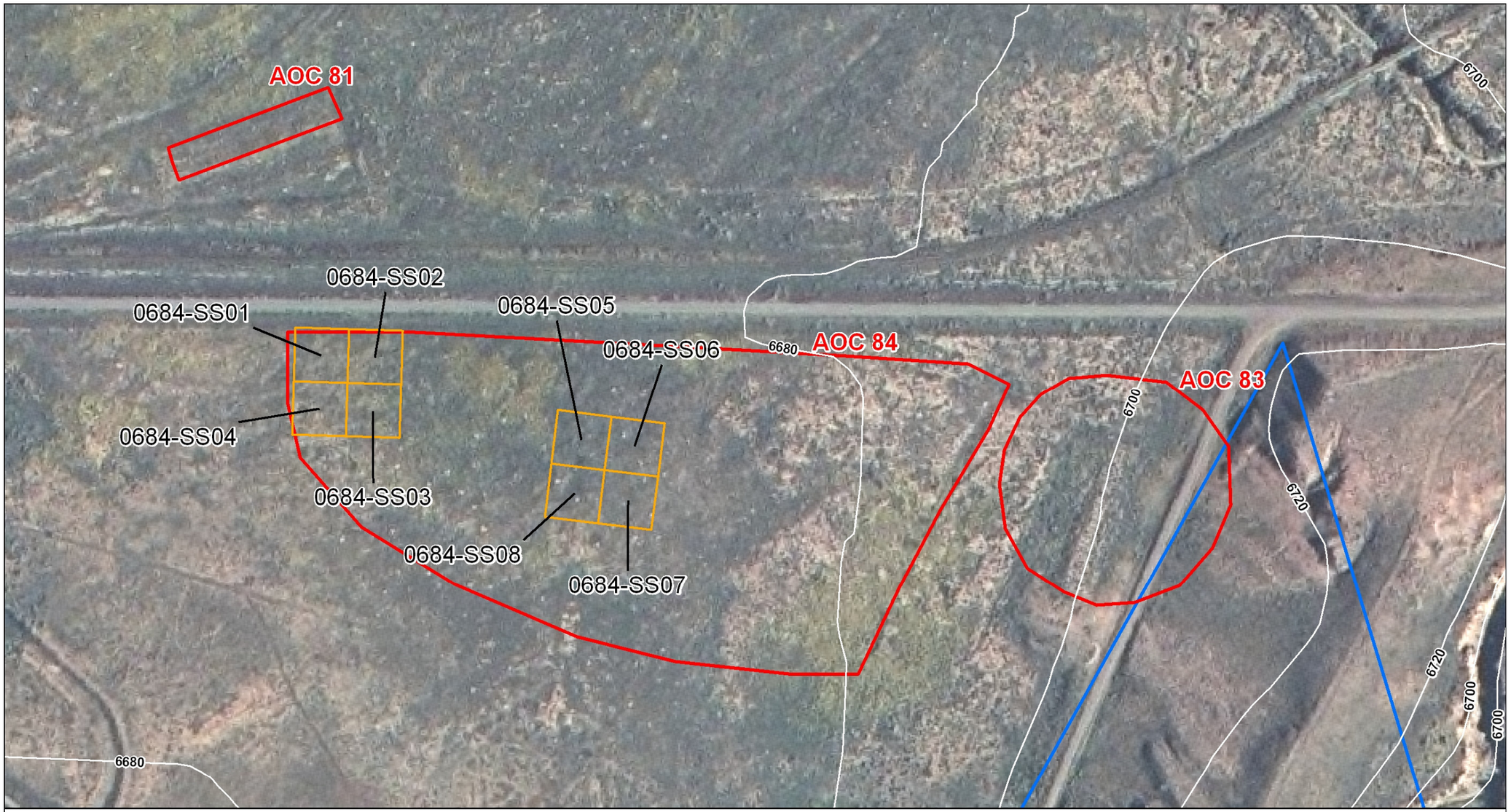

Figure 18-4

Proposed RCRA Facility Investigation Sampling Locations
AOC 84
Fort Wingate Depot Activity, New Mexico

Table 18-2 Proposed RCRA Facility Investigation Sampling and Analyses, AOC 84, Fort Wingate Depot Activity

Sample Analysis					RCRA Metals	Explosives
Analytical Method					6010B and 7471A	8330B
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0684-SS01-M-0000	AOC 84	SS01	MI	0 - 0.5	x	x
0684-SB01-M-0001	AOC 84	SS01	MI	0.5 - 1.0	x	x
0684-SB01-M-0001-MS/MSD	AOC 84	SS01	MI MS/MSD	0.5 - 1.0	x	x
0684-SS02-M-0000	AOC 84	SS02	MI	0 - 0.5	x	x
0684-SB02-M-0001	AOC 84	SS02	MI	0.5 - 1.0	x	x
0684-SS03-M-0000	AOC 84	SS03	MI	0 - 0.5	x	x
0684-SB03-M-0001	AOC 84	SS03	MI	0.5 - 1.0	x	x
0684-SB03-M-0001-DUP	AOC 84	SS03	MI DUP	0.5 - 1.0	x	x
0684-SS04-M-0000	AOC 84	SS04	MI	0 - 0.5	x	x
0684-SS04-M-0000-DUP	AOC 84	SS04	MI DUP	0 - 0.5	x	x
0684-SB04-M-0001	AOC 84	SS04	MI	0.5 - 1.0	x	x
0684-SS05-M-0000	AOC 84	SS05	MI	0 - 0.5	x	x
0684-SB05-M-0001	AOC 84	SS05	MI	0.5 - 1.0	x	x
0684-SS06-M-0000	AOC 84	SS06	MI	0 - 0.5	x	x
0684-SB06-M-0001	AOC 84	SS06	MI	0.5 - 1.0	x	x
0684-SS07-M-0000	AOC 84	SS07	MI	0 - 0.5	x	x
0684-SB07-M-0001	AOC 84	SS07	MI	0.5 - 1.0	x	x
0684-SS08-M-0000	AOC 84	SS08	MI	0 - 0.5	x	x
0684-SB08-M-0001	AOC 84	SS08	MI	0.5 - 1.0	x	x
0684-EB01	AOC 84	AOC 84	Equipment Blank	N/A	x	x
				Total Normal Samples	16	16
				Total Duplicates	2	2
				Total Equipment Blanks (Rinsate water sample)	1	1
				Total MS/MSD Samples (lab counts each separately)	1	1
				Total Soil Samples	20	20
				Total Water Samples	1	1
				Total Analyses	21	21

AOC = Area of Concern
bgs = below ground surface
DUP = duplicate sample
MI = multi-incremental
MS/MSD = matrix spike/matrix spike duplicate
RCRA = Resource Conservation and Recovery Act

Photograph 18-1 AOC 84, facing southwest, Fort Wingate Depot Activity

Photograph 18-2 AOC 84, facing west, Fort Wingate Depot Activity

19.0 Project Management

19.1 Project Scheduling and Reporting Requirements

A summary of the expected schedule for conducting the RFI activities at Parcel 6 is presented below.

RFI Field Activities	Start within 30 days of receipt of NMED approval of Work Plan. Field work will take approximately 2 months.
Data Analysis and Evaluation	Will be completed 30 days following completion of field activities and receipt of sample results.
Submittal of Draft RFI Report	Submitted 90 days following completion of field activities.
Submittal of RFI Report	Two weeks after receipt of USACE comments on Draft RFI report.
Submittal of Final RFI Report	60 days after receipt of comments on RFI report from tribes and NMED.

19.2 Quality Assurance Project Plan

A site-specific QAPP was prepared to describe the QA/QC procedures to be followed during the RFI Work Plan field activities. The QAPP is presented in Appendix C.

19.3 Health and Safety Plan

A site-specific Health and Safety Plan (HSP) will be prepared for the field investigation activities proposed in this RFI Work Plan for Parcel 6.

19.4 Investigation-Derived Waste Management Plan

A site-specific Investigation-Derived Waste Management Plan (IDWMP) and Decontamination Plan will be prepared for the field investigation activities proposed in this RFI Work Plan for Parcel 6. The IDWMP is included as Appendix D. The Decontamination Plan is discussed in Section 4.4.8.

19.5 Community Relations Plan

The Community Relations Plan (CRP) (TerranearPMC, 2006) will be adhered to during implementation of the RFI activities.

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Appendix A
Programmatic Agreement

PROGRAMMATIC AGREEMENT
Among
The United States Army,
The Navajo Nation, the Pueblo of Zuni, and
The New Mexico State Historic Preservation Officer
for Environmental Restoration Activities to be Undertaken
at Fort Wingate Depot Activity and Associated Project Lands

Whereas, the United States Army (Army) is proposing to close the Open Burn/Open Detonation Unit (OB/OD) and conduct post-closure care including ordnance cleanup, environmental restoration, and associated project activities at Fort Wingate Depot Activity (FWDA) including areas outside of the FWDA boundaries in accordance with the Resource Conservation and Recovery Act (RCRA) Permit EPA ID NM6213820974 (herein referred to as "the Undertaking"); and

Whereas, the Army has determined that ordnance removal, environmental restoration at non-ordnance related areas, and associated project activities from FWDA in New Mexico may have an effect upon properties that are or may be eligible to the National Register of Historic Places (National Register), and has consulted with the New Mexico State Historic Preservation Officer (SHPO) and the Advisory Council for Historic Preservation (ACHP) pursuant to 36 CFR Part 800, regulations implementing Section 106 of the National Historic Preservation Act (16 U.S.C. Section 470(f), Section 110(f) of the same Act (16 U.S.C. Section 470h-2[f], and Section 111 of the same Act (16 U.S.C. Section 470h-3) and has invited the SHPO and ACHP to participate as signatories to this agreement; and

Whereas, the ACHP has declined to participate in a letter dated 20 March 2007; and

Whereas, the Army is responsible for government-to-government consultation with Indian tribes and has formally invited the Zuni Tribe of the Zuni Reservation (Pueblo of Zuni) and the Navajo Nation to participate as invited signatories by virtue of the potential effects of the FWDA environmental restoration and ordnance cleanup project on properties to which they ascribe traditional religious and cultural significance, and the Army understands that the Navajo Nation has delegated signature authority to the Tribal Historic Preservation Officer (THPO) for undertakings off tribal land; and

Whereas, in accordance with 36 CFR 800.2 (c)(2)(i)(A), the Army has invited the Navajo Tribal Historic Preservation Officer and Pueblo of Zuni Governor to be signatories to this agreement for any undertakings that may affect historic properties on their respective tribal lands where they have assumed the responsibilities of the SHPO under section 101(d)(2) of the NHPA; and

Whereas, the Army has consulted with the Hopi, Apache, Comanche, Isleta Pueblo, Pueblo of Laguna, Pueblo of Acoma, and Pueblo of San Ildefonso and invited them to be concurring parties; and

Whereas, the Army Base Realignment and Closure (BRAC) Office is the responsible party for ensuring that all terms of this Programmatic Agreement (PA) are executed; and

Whereas, cultural resources at FWDA are at this time known to include properties likely eligible to the National Register; and

Whereas, the Army has completed the cultural resources survey of FWDA in compliance with requirements of the 1988 BRAC action; and

Whereas, many cultural resources that are likely eligible for the National Register are in locations that present a risk to human health and safety or will be subject to clean up actions that present a risk to human health and safety; and

Whereas, interested members of the public, including the Bureau of Land Management, Bureau of Indian Affairs, New Mexico Environmental Department, Department of the Interior, and Native Americans known to have an interest in the FWDA cultural resources, have been provided opportunities to comment on the effects of the FWDA environmental restoration and ordnance cleanup projects on historic properties through public hearings, consultation meetings, and other means; and

Now, Therefore, the Army, the SHPO, Pueblo of Zuni, and the Navajo Nation agree that the undertaking described above shall be implemented according to the following stipulations to take into account the effects of the undertaking on historic properties.

Definitions:

FWDA Project Archeologist: The professional archeologist employed by the Army who meets the Secretary of the Interior's Professional Qualification Standards for Archaeology and is charged with the oversight of the cultural resources investigations at FWDA for RCRA permit activities.

Professional archaeologists: Archaeologists employed by the Army who meet the Secretary of the Interior's Professional Qualification Standards for Archaeology.

Historic Properties: As defined by 36 CFR 800.16 (l) (1), *Historic property* means any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register of Historic Places maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization and that meet the National Register criteria.

Properties of Religious and Cultural Significance to Indian Tribes: Within **this document**, this phrase means properties to which tribes attach religious and cultural significance but for which eligibility to the National Register has NOT YET been determined.

Tribal lands: as defined in 36 CFR 800.16 (x) *Tribal lands* means all lands within the exterior boundaries of any Indian reservation and all dependent Indian communities.

STIPULATIONS- The Army shall ensure that the following measures are carried out:

1. Mitigation of Environmental Restoration and Munitions Response Activities:

All NHPA-related RCRA permit activities will follow the procedures and requirements contained within Basic Safety Concepts and Considerations for Munitions and Explosives of Concern (MEC) Response Action Operations, Engineer Pamphlet 385-1-95a (EP 385-1-95a). Given the extent and magnitude of the proposed restoration and munitions response action undertakings occurring over an extended period of time, it can be anticipated that of the over 700 archaeological sites and identified properties of religious and cultural significance to Indian Tribes on FWDA, many will be found to be eligible for the National Register and many will have a high potential for susceptibility to adverse effects. Outlined within this document is a plan that addresses the potential effects of the proposed undertakings on historic properties, including properties of traditional religious and cultural importance to Indian tribes.

1.1. Due to the potentially hazardous environment and hazardous nature of clean up activities and the scheduling requirements of clean up activities, throughout the conduct of all RCRA permitted activities, all cultural resources within the Area of Potential Effects (APE) including those known and those inadvertently discovered shall be treated as eligible for the National Register except those that have been formally determined ineligible and mitigation applied per the stipulations contained within this PA.

In order to take into account the effects of RCRA permitted activities on historic properties, the Army shall provide a list of all known cultural resources within the APE to the SHPO, THPO of the Navajo Nation and Pueblo of Zuni Fort Wingate Historic Preservation Officer and shall convene a consultation meeting and/or teleconference to initiate discussions of determinations of National Register eligibility prior to the initiation of RCRA permit activities covered by this PA. During the initial meeting/teleconference a schedule will be set with the SHPO and Navajo Nation THPO and Pueblo of Zuni Fort Wingate Historic Preservation Officer to complete any remaining determinations that are not completed in the initial meeting. If SHPO, the Navajo Nation, or Pueblo of Zuni do not concur with a determination of ineligibility, the eligibility of the property shall remain undetermined but the property shall be treated as eligible for the purposes of RCRA permit activities. Mitigation shall be applied to sites according to the stipulations within this PA.

1.2 For actions on tribal land where the tribe has assumed the responsibilities of the SHPO under section 101(d)(2) of the NHPA, the Army shall consult with the appropriate THPO, shall follow provisions of 36 CFR 800.2 (c)(2)(ii), and shall follow tribal regulations for any actions on tribal lands. For tribal land where the tribe has not assumed the responsibilities of the SHPO, the Army shall consult with the SHPO and the tribal representative designated by the tribe according to 36 CFR 800.2 (c)(2)(i)(B). The

project personnel and professional archaeologists shall also follow all applicable tribal regulations.

1.3. Off-Site Mitigation Procedures

For areas and for actions on FWDA that present a threat to human health and safety, as defined by EP385-1-95a, where on-site mitigation is not possible, the Army shall employ the results of the study "Assessment of Sacred Sites and Properties of Traditional Religious and Cultural Importance within the Open Burn/Open Detonation Area at Fort Wingate Depot Activity, New Mexico" (NATHPO 2004) and the Department of Defense NALEMP study called "Conservation Plan for the Natural and Cultural Landscapes of Fort Wingate Depot Activity, New Mexico: A Demonstration Project for Partnership of The Navajo Nation, The Pueblo of Zuni, and the Department of the Army" (Office of Contract Archaeology, UNM 2007) as mitigation for adverse effects to historic properties.

1.4. On-Site Monitoring and Mitigation Procedures

Avoidance of historic properties and potential NAGPRA cultural items will be the first choice for RCRA permit activities. Where avoidance is not possible in areas and for actions determined by the Army not to represent a threat to human health and safety, the Army shall contract for professional archaeologists to accompany munitions and explosives of concern (MEC) clean-up personnel and the following measures outlined below will be implemented during munitions response and environmental restoration projects and activities under this PA.

Prior to the initiation of RCRA permit activities, the professional archaeologists and MEC personnel shall consult to develop procedures for field conduct that follow requirements of EP385-1-95a and shall discuss potential means of minimizing effects to sites when feasible during RCRA permit activities.

1.4.1.

Vehicular traffic/access roads and staging areas/ MEC surface removal

Determination of potential areas for vehicle access shall be coordinated with those persons designated by the Pueblo of Zuni and the Navajo Nation in order to minimize any adverse effects to historic properties.

When health and safety conditions permit, the Army shall employ professional archaeologists to monitor potential ground disturbing activities in areas containing or likely to contain historic properties. The professional archaeologists under contract to the Army will monitor conditions before and after surface removal of MEC within known site locations in order to avoid, if possible, or minimize any potential unnecessary adverse effects to such sites. Any work required on tribal land shall follow Stipulation 1.2.

1.4.2. MEC survey/removal

When health and safety conditions permit, the Army shall employ professional archaeologists to monitor MEC survey/removal activities within areas containing historic properties to avoid or minimize potential adverse effects. The archaeologists will document the findings before and after the activities with sketches, photos, and notes and will complete appropriate or update existing New Mexico Cultural Resource Information (NMCRIS) forms. In areas free of historic properties, during and after removal, inspections shall be accomplished to assess the possibility of the inadvertent discovery of previously unknown subsurface sites. In the event of inadvertent post-review discoveries, procedures outlined below in Stipulations 1.8 and 1.9 shall be followed. For MEC survey and removal on tribal land, the Army shall follow Stipulation 1.2.

1.4.3. MEC blow-in-place

When MEC items that are too hazardous to move are encountered, they shall be blown in place (BIP), in accordance with the provisions of EP 385-1-95a.
When health and safety considerations permit, the Army shall employ professional archaeologists to monitor MEC BIP within areas containing historic properties to avoid or minimize the potential adverse effects and shall record conditions before and after BIP. Areas subject to BIP and not containing historic properties shall be inspected by the professional archaeologists after BIP for the presence of inadvertent discoveries. In the event of inadvertent post-review discoveries, the project personnel shall follow the procedures in Stipulations 1.8 and 1.9. Where necessary, engineering controls (e.g. sandbagging), will be used during blow-in-place demolitions to minimize potential adverse impacts to historic properties.

For MEC BIP activities on tribal land the Army shall follow Stipulation 1.2.

1.4.4. New demolition craters/temporary stockpile areas/soil excavation and removal areas

The Army shall employ professional archaeologists to assist in the selection of placement of all required demolition craters in areas free of historic properties with the excavation of the required craters monitored for any inadvertently discovered subsurface cultural resources.

1.4.5. Existing demolition craters:

Existing demolition craters shall be used whenever possible and prior to any reuse, when health and safety considerations permit, shall be inspected by professional archaeologists for any evidence of historic properties. Any inadvertent discoveries shall be treated following the procedures in Stipulations 1.8 and 1.9. After consultation, reuse of existing demolition pits containing historic properties shall be used if the proposed prohibition of its use would have a detrimental effect on health and human safety.

1.4.6. Contaminated lands; excavation/posthole/soil borings by drill-rig/monitor well installation/soil sampling grids/ground-water cutoff trenches

The Army shall provide detailed maps of sampling or excavation project areas of FWDA and any other lands within the APE to the professional archaeologists, the Navajo Nation, the Pueblo of Zuni, and the SHPO and shall have all known historic properties flagged for avoidance within the area. All historic properties within the APE shall be located and flagged for avoidance. When allowed by health and safety requirements, the professional archaeologists shall accompany the Army personnel undertaking these activities to assist in the avoidance of historic properties. The professional archaeologists shall update historic property site information record the GPS (global positioning system) waypoint. Any new historic properties inadvertently discovered during this work shall be recorded according to New Mexico guidelines and the GPS waypoint will be recorded. Any inadvertent discoveries of potentially eligible historic properties during any of the above noted activities will be immediately (24 hrs) noted to the FWDA Project Archaeologist and procedures contained within Stipulations 1.8 and 1.9 shall be followed. Any activity on tribal land shall follow Stipulation 1.2.

1.5. Consultation Meetings

For all activities on non-tribal property, the Army shall consult with the Pueblo of Zuni, Navajo Nation, SHPO, and concurring parties in a conference meeting at least annually for the purpose of eliciting comments including input on access road placement and locations of historic properties for the goal of reducing the adverse effects upon these historic properties. Stipulation 1.2 shall be followed in the consultation meetings.

1.6. Tribal disclosure of Properties of Religious and Cultural Significance to Indian Tribes

The Army shall provide maps to the Pueblo of Zuni and the Navajo Nation (Tribes) showing the locations of individual projects and known properties of religious and cultural significance to Indian Tribes, archaeological sites, and any cultural resources determined to be historic properties. The Tribes shall be requested to indicate unrecorded properties of religious and cultural significance to Indian Tribes whose National Register eligibility may need to be assessed relevant to the FWDA munitions response and environmental restoration projects to the FWDA Project Archaeologist or his designee to be used in the planning the clean-up activities. This information will be maintained on an absolutely need-to-know basis. At least general locational information is critical for effective management, avoidance, and minimization of adverse impacts to these properties at FWDA and the entire APE. Such data is protected from disclosure under NHPA, Section 304, 16 U.S.C. 470w-3(a) and the Archeological Resources Protection Act (ARPA, Section 9(a), 16 U.S.C. 470hh(a). The exact location is not required unless the property of religious and cultural significance to an Indian Tribe is immediately adjacent to the proposed action.

The cultural significance of individual properties of religious and cultural significance to Indian Tribes is not required by the Army or its contractors except when such information is necessary to determine the eligibility of the site for inclusion in the National Register or under unusual circumstances where that information is critical to avoiding inadvertent impacts or other management concerns. Regardless, all information about properties of religious and cultural significance to Indian Tribes will be strictly managed and access to this information will only be provided after consultation with the Navajo Nation, Zuni Pueblo or other Tribe attaching traditional religious and/or cultural importance to the site(s) at issue. The Tribes shall be provided updated site information resulting from these activities.

1.7. Artifacts and related data

All artifacts and associated paper and electronic records and materials produced and/or procured during any and all project activities at FWDA shall be curated and managed in accordance with 36 CFR 79.

1.8 Inadvertent Discoveries

Upon any inadvertent discovery of cultural resources potentially eligible for the National Register and potentially subject to NAGPRA, the Army personnel shall immediately notify the professional archaeologists (if the discovery is not made by the archaeologists themselves), and Army personnel shall also notify the FWDA Project Archaeologist immediately. The professional archaeologists shall, in conjunction with the FWDA Project Archaeologist or his designee, make an assessment if potential NAGPRA cultural items are present. If potential NAGPRA cultural items are present, NAGPRA and Stipulation 1.9 shall be followed. If the inadvertent discovery does not include NAGPRA cultural items the professional archaeologist(s) shall treat the site as eligible, assess effects, and determine and apply appropriate mitigation per the provisions of this PA.

If threats to human health and safety preclude on-site mitigation, the alternate mitigation contained within stipulation 1.3 will be implemented. If conditions permit the recordation of information about the site before and after the required RCRA permit activity takes place, the archaeologists shall implement those procedures to mitigate adverse effects to the site.

1.9. Burials/subsurface and surface remains

Known burial locations and areas of any surface burial elements shall be avoided by restoration/ordnance clean-up activities if possible. If potential NAGPRA or NAGPRA Cultural Items are inadvertently discovered, they shall be avoided and activities relocated if possible. All instances of inadvertent discovery of NAGPRA cultural items (including human remains) shall be addressed in accordance with NAGPRA and its implementing regulations, 43 CFR Part 10 and the stipulations in the agreement document.

1.10. Buildings

The standing architectural resources and buildings of FWDA are not scheduled to be affected by restoration or remediation cleanup activities. Should such a requirement arise during the term of restoration and remediation activities, the Army shall coordinate with the SHPO.

1.11. Adverse Effects

Individual determinations of adverse effects to historic properties during environmental restoration activities will not require consultation with the ACHP and SHPO. Following the procedures outlined in the stipulations above, and taking into consideration previous historic and ethnographic studies conducted by the Army at FWDA, adverse effects will be considered to be mitigated for all environmental restoration activities.

1.12. Areas of severe risk

Due to risks to human health and safety concerns, remediation requirements shall take precedence over historic preservation concerns in highly hazardous and/or contaminated zones which shall be defined by the Army and EP385-1-95a. These areas shall be determined and clearly depicted on maps which shall be provided to all parties to this Agreement as these become known.

1.13. Cultural Resource Management reports

At the conclusion of each individual project a NMCRIS Information Abstract Form (NIAF) shall be completed and submitted to the Navajo Nation, Pueblo of Zuni, and SHPO. If historic properties or NAGPRA-related items are encountered, a preliminary report, along with copies of the appropriate state archaeological records, updated or new, as appropriate, and/or historic cultural property index (HCPI) forms for historic structures shall also accompany the NIAF form. The report shall contain a map of the project area, a description of the undertaking, results of any findings of cultural resources and/or NAGPRA related discoveries, the impacts to historic properties and/or NAGPRA-related items, and the mitigation measures employed. Any sensitive information that tribes do not want included in these reports shall be excluded upon their request.

An annual report containing the results of investigations carried out during the year shall be provided to the Navajo Nation, Pueblo of Zuni, and SHPO. In addition, a final technical cultural resources management report shall be produced for all restoration and cleanup actions at the conclusion of the RCRA clean-up process. This report shall summarize all of the work and all of the archaeological and cultural issues related to identification, determination of eligibility for the National Register, assessment and treatment of effects, data recovery, and curation. The final technical report shall be produced without tribally-defined sensitive data and shall exclude any other sensitive information that Tribes request be excluded.

A confidential technical report with project related data shall be produced in limited quantities for official use of the Army, SHPO, the Pueblo of Zuni, the Navajo Nation, and other relevant Native American tribes for all restoration and cleanup activities. If requested by Tribes, sensitive information particular to their tribe shall not be included in any other report except that provided to them.

If determined appropriate in consultation with signatories, public informational products shall be developed.

All draft reports shall be subject to 30 day review by the SHPO, Navajo Nation, and the Pueblo of Zuni, and THPOs if appropriate; the Army will consider all appropriate comments for inclusion within the final report.

2.0 DOD retained property

Provisions for historic properties on any retained lands, if any, shall be determined in consultation with the Pueblo of Zuni, the Navajo Nation, and SHPO.

3.0. Amendments

3.1. The *signatories* to this agreement may amend the terms of this Agreement and the provisions of any attachment hereto, by formal written notification of all parties (i.e., signatories and concurring parties) to this Agreement.

3.2. The Army shall ensure that any of the concurring parties to this PA whose interests may be affected by an amendment are asked to concur in such an amendment.

3.3. Upon execution of an amendment, each signatory shall attach a copy of the fully executed form to that party's copy of this PA, and shall enter the amendment number and date on the upper right hand corner of the first page of this PA.

4.0 Dispute resolution

4.1. Should any *signatory* to this Agreement object within 30 days to any plans or other documents provided by the Army or others for review pursuant to this Agreement or to any actions proposed or initiated by the Army that may pertain to the terms of this Agreement, the Army shall consult with the objecting *signatory* to resolve the objection. If the Army determines that the objection cannot be resolved, the Army shall forward the documentation relevant to the dispute to the ACHP. Within 30 days after receipt of all pertinent documentation, the ACHP will either:

4.1.1. Provide the Army with recommendations, which the Army will take into consideration in reaching a final decision regarding the dispute; or

4.1.2. Notify the Army that it will comment pursuant to 36 CFR 800.7, and proceed to comment. Any ACHP comment provided in response to such a request will be taken into consideration by the Army.

4.2. Any recommendation or comment provided by the ACHP pursuant to Stipulation 4.1 will be understood to pertain only to the subject of the dispute; the Army's responsibility to fulfill all actions under this Agreement that are not the subject(s) of the dispute will remain unchanged.

4.3. At any time during development of implementation plans for measures stipulated in this Agreement, should an objection to any such measure or its manner of implementation be raised by a member of the public, the Army shall take the objection into consideration and consult as needed with the objecting party, the SHPO, other relevant parties, and the ACHP to resolve the objection.

5.0. Termination

Any *signatory* to this PA may terminate the document by providing thirty (30) days notice to the other parties, provided that the parties will consult during the period prior to termination to seek agreement on amendments or other actions that would avoid termination. In the event of termination, the Army will comply with 36 CFR 800.4 through 800.6 with regard to individual undertakings covered by this Programmatic Agreement.

6.0 Term of Agreement

6.1 The Army intends the term of this PA document to be in effect for restoration activities until the land is transferred out of Army jurisdiction or for ten years from the date of execution of this agreement, whichever is shorter.

6.2 In the event the Army does not fulfill the terms of this PA, the Army will comply with 36 CFR 800.4 through 800.6 with regard to individual undertakings covered by this PA.

7.0 Compliance with Federal Law

No provision of this PA shall be deemed to waive the provisions of Federal law, including, but not limited to the Archaeological Resources Protection Act, the National Historic Preservation Act, and the Native American Graves Protection and Repatriation Act.

The execution and implementation of this PA evidences that the Army has afforded the SHPO, Tribes, and ACHP a reasonable opportunity to comment on the effects of the MEC cleanup and environmental restoration projects of FWDA on historic properties and that the Army has taken into account the effects of the undertaking on historic properties.

8.0 Anti-Deficiency Clause

The stipulations of this agreement are subject to the provisions of the Anti-Deficiency Act. If compliance with the Anti-Deficiency Act alters or impairs the Army's ability to implement the stipulations of the agreement, the Army will consult according to the amendment and termination provisions found at Stipulations 3 and 5 of this agreement.

Signatories:

_____ Date: MAY 06 2008

Jeffrey F. Willis
Department of the Army
Chief, Operational and Medical Branch
Base Realignment and Closure Division

Jan U Bulla, Acting _____ Date: 5/12/2008

New Mexico State Historic Preservation Officer
(for undertakings affecting historic properties on non-tribal lands or where a tribe has not assumed the responsibilities of the SHPO under section 101(d)(2) of the NHPA)

_____ Date: _____

Navajo Nation Tribal Historic Preservation Officer
(signator for those affecting historic properties on Navajo Tribal lands and invited signator with designated signatory authority from the Navajo Nation for 106 undertakings on non-tribal land)

_____ Date: _____

Governor, Pueblo of Zuni (signator for undertakings affecting historic properties on Zuni Tribal lands and invited signator for undertakings on non-tribal lands)

8.0 Anti-Deficiency Clause

The stipulations of this agreement are subject to the provisions of the Anti-Deficiency Act. If compliance with the Anti-Deficiency Act alters or impairs the Army's ability to implement the stipulations of the agreement, the Army will consult according to the amendment and termination provisions found at Stipulations 3 and 5 of this agreement.

Signatories:

_____ Date: MAY 0 6 2008

Jeffrey F. Willis
Department of the Army
Chief, Operational and Medical Branch
Base Realignment and Closure Division

_____ Date: _____

New Mexico State Historic Preservation Officer
(for undertakings affecting historic properties on non-tribal lands or where a tribe has not assumed the responsibilities of the SHPO under section 101(d)(2) of the NHPA)

_____ Date: _____

Navajo Nation Tribal Historic Preservation Officer
(signator for those affecting historic properties on Navajo Tribal lands and invited signator with designated signatory authority from the Navajo Nation for 106 undertakings on non-tribal land)

_____ Date: 5/20/05

Governor, Pueblo of Zuni (signator for undertakings affecting historic properties on Zuni Tribal lands and invited signator for undertakings on non-tribal lands)

Concurring Parties:

_____ Date: _____
Hopi

_____ Date: _____
Pueblo of San Ildefonso

_____ Date: _____
Isleta Pueblo

_____ Date: _____
Apache Nation

_____ Date: _____
Comanche Nation

_____ Date: _____
Pueblo of Laguna

_____ Date: _____
Pueblo of Acoma

_____ Date: _____
New Mexico Environmental Department

_____ Date: _____
Bureau of Land Management

_____ Date: _____
Department of the Interior

_____ Date: _____
Bureau of Indian Affairs

Appendix B
Natural Resource Conservation Service
Soil Descriptions for Fort Wingate Depot Activity

United States Department of Agriculture

Natural Resources Conservation Service
In cooperation with

United States Department of Interior, Bureau of Land Management and Bureau of Indian Affairs; and the New Mexico Agricultural Experiment Station

Soil Survey of McKinley County Area, New Mexico, McKinley County and Parts of Cibola and San Juan Counties

Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 3 inches; very fine sandy loam
Bt1—3 to 8 inches; clay loam
Bt2—8 to 19 inches; clay
Btk—19 to 24 inches; clay loam
2R—24 inches; sandstone bedrock

Minor Components

Atarque and similar soils
Composition: About 10 percent
Slope: 1 to 6 percent
Depth to restrictive feature: 10 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Shallow Sandstone

Rock outcrop
Composition: About 5 percent
Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

40—Nuffel silt loam, 0 to 2 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,100 to 6,500 feet (1,859 to 1,981 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 54 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Nuffel and similar soils: 90 percent
Minor components: 10 percent

Component Descriptions

Nuffel soils

Geomorphic position: Flood plains on valley floors
Parent material: Alluvial material derived from siltstone and shale
Slope: 0 to 2 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.20 in/hr (moderately slow)
Available water capacity: About 11.8 inches (high)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: Frequent
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 5 SAR (slightly sodic)
Ecological site: Bottomland
Present native vegetation: alkali sacaton, western wheatgrass, fourwing saltbush, blue grama, galleta, spike muhly, mat muhly, sand dropseed, spineless horsebrush
Land capability (irrigated): 4w
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 8

Typical Profile:
A—0 to 2 inches; silt loam
C1—2 to 12 inches; silty clay loam
C2—12 to 18 inches; silt loam
C3—18 to 26 inches; silty clay loam
C4—26 to 65 inches; silt loam

Minor Components

Venadito and similar soils
Composition: About 10 percent
Slope: 0 to 2 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Clayey Bottomland

42—Suwanee clay loam, 0 to 2 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,100 to 6,500 feet (1,859 to 1,981 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 54 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Suwanee and similar soils: 90 percent
Minor components: 10 percent

Component Descriptions

Suwanee soils

Geomorphic position: Flood plains on valley floors

Slope: 1 to 5 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Sandstone Upland

Huerfano and similar soils
Composition: About 3 percent
Slope: 1 to 5 percent
Depth to restrictive feature: 10 to 20 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Loamy Upland (sodic)

Kimnoli and similar soils
Composition: About 3 percent
Slope: 1 to 5 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Sandstone Upland

121—Badland

Map Unit Composition

Badland: 95 percent
Minor components: 5 percent

Component Descriptions

Badland

Badland is a miscellaneous area consisting of exposed areas of raw shale that is essentially denuded of vegetation. Seams and layers of coal and porcelenite are also included in some areas. These areas are highly dissected.

Geomorphic position: Ridges, hills, and escarpments
Parent material: Unweathered to slightly weathered shale
Slope: 1 to 50 percent
Depth to restrictive feature: 0 to 2 inches to bedrock (paralithic)
Drainage class: Somewhat excessively drained
Available water capacity: About 0.2 inches (very low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: About 5 percent
Gypsum maximum: About 5 percent
Salinity maximum: About 4 mmhos/cm (very slightly saline)
Sodicity maximum: About 10 SAR (slightly sodic)
Land capability (nonirrigated): 8

Minor Components

Rock outcrop
Composition: About 5 percent
Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

122—Rock outcrop-Farb complex, 2 to 8 percent slopes

Map Unit Setting

MLRA: 37
Elevation: 6,600 to 6,800 feet (2,012 to 2,073 meters)
Mean annual precipitation: 7 to 9 inches (178 to 229 millimeters)
Average annual air temperature: 50 to 55 degrees F (10 to 13 degrees C)
Frost-free period: 130 to 150 days

Map Unit Composition

Rock outcrop: 45 percent
Farb and similar soils: 45 percent
Minor components: 10 percent

Component Descriptions

Rock outcrop

Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Farb soils

Geomorphic position: Escarpments on cuestas and mesas
Parent material: Eolian material over residuum derived from sandstone
Slope: 2 to 8 percent
Surface fragments: About 55 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Slowest permeability: About 2.00 in/hr (moderately rapid)
Available water capacity: About 0.5 inches (very low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet

212—Rehobeth silty clay loam, 0 to 1 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,600 to 6,800 feet (2,012 to 2,073 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 46 to 49 degrees F (8 to 9 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Rehobeth and similar soils: 90 percent
Minor components: 10 percent
Urban land

In the City of Gallup, components of this map unit are covered by buildings, parking lots, roads, and sidewalks. The percentage of Urban land ranges from less than 10 percent on the city's periphery to 60 percent in densely developed residential sections. There are also many areas that have been cut and filled with a variety of earthen materials or man-made soils.

Component Descriptions

Rehobeth soils

Geomorphic position: Flood plains and stream terraces on valley floors
Parent material: Stream alluvium derived from gypsiferous shale
Slope: 0 to 1 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 8.5 inches (moderate)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: Occasional
Ponding hazard: Occasional
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Low
Calcium carbonate maximum: About 5 percent
Gypsum maximum: About 15 percent
Salinity maximum: About 8 mmhos/cm (slightly saline)
Sodicity maximum: About 13 SAR (moderately sodic)
Ecological site: Salty Bottomland
Present native vegetation: alkali sacaton, western wheatgrass, fourwing saltbush, black greasewood, blue grama, bottlebrush squirreltail, inland saltgrass, mat muhly, rabbitbrush
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 2 inches; silty clay loam
Bw—2 to 5 inches; silty clay loam
Bss—5 to 12 inches; clay
Bssny1—12 to 18 inches; clay
Bssny2—18 to 32 inches; clay
Bssny3—32 to 80 inches; clay

Minor Components

Nuffel and similar soils
Composition: About 4 percent
Slope: 0 to 1 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Bottomland

Aquima and similar soils
Composition: About 3 percent
Slope: 0 to 1 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

Zia and similar soils
Composition: About 3 percent
Slope: 0 to 1 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Somewhat excessively drained
Ecological site: Sandy

215—Viuda-Penistaja-Rock outcrop complex, 1 to 5 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,700 to 7,000 feet (2,042 to 2,134 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 54 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Viuda and similar soils: 35 percent
Penistaja and similar soils: 30 percent
Rock outcrop: 25 percent
Minor components: 10 percent

Minor components: 15 percent

Component Descriptions

Hagerwest soils

Geomorphic position: Summits on hills and mesas and dipslopes on cuestas
Parent material: Eolian material and slope alluvium derived from sandstone and shale
Slope: 1 to 5 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.60 in/hr (moderate)
Available water capacity: About 4.8 inches (low)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Loamy
Present native vegetation: blue grama, western wheatgrass, Indian ricegrass, galleta, bottlebrush squirreltail, fourwing saltbush, winterfat, sand dropseed, oneseed juniper, spineless horsebrush, rabbitbrush
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 6D

Typical Profile:
A—0 to 2 inches; fine sandy loam
Bt—2 to 13 inches; sandy clay loam
Bk1—13 to 19 inches; sandy clay loam
Bk2—19 to 35 inches; sandy loam
2R—35 inches; sandstone bedrock

Bond soils

Geomorphic position: Summits on hills and mesas and dipslopes on cuestas
Parent material: Eolian material and slope alluvium derived from sandstone
Slope: 1 to 8 percent
Depth to restrictive feature: 10 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.60 in/hr (moderate)
Available water capacity: About 2.0 inches (very low)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Shallow Sandstone
Present native vegetation: Bigelow's sagebrush, blue grama, fourwing saltbush, Indian ricegrass, New Mexico feathergrass, galleta, little bluestem, sideoats grama, winterfat, cliffrose, Mormon tea, oneseed juniper, twoneedle pinyon
Land capability (nonirrigated): 7s
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 2 inches; fine sandy loam
Bt1—2 to 5 inches; fine sandy loam
Bt2—5 to 14 inches; sandy clay loam
2R—14 inches sandstone bedrock

Minor Components

Rock outcrop
Composition: About 5 percent
Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Tintero and similar soils
Composition: About 5 percent
Slope: 1 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Somewhat excessively drained
Ecological site: Sandy

Penistaja and similar soils
Composition: About 5 percent
Slope: 1 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

225—Aquima-Hawaikuh silt loams, 1 to 5 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,000 to 6,800 feet (1,829 to 2,073 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 54 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Aquima and similar soils: 40 percent
Hawaikuh and similar soils: 40 percent
Minor components: 20 percent

Component Descriptions

Aquima soils

Geomorphic position: Stream terraces on valley floors and alluvial fans on valley sides
Parent material: Fan and stream alluvium derived from siltstone, sandstone and shale
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.20 in/hr (moderately slow)
Available water capacity: About 10.7 inches (high)
Shrink-swell potential: About 4.5 LEP (moderate)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Low
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 10 SAR (slightly sodic)
Ecological site: Loamy
Present native vegetation: blue grama, western wheatgrass, Indian ricegrass, galleta, bottlebrush squirreltail, fourwing saltbush, needleandthread, winterfat, sand dropseed, rabbitbrush, broom snakeweed (fig. 4)
Land capability (irrigated): 3e
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 8

Typical Profile:
A—0 to 2 inches; silt loam
Bk1—2 to 11 inches; silt loam
Bk2—11 to 17 inches; sandy clay loam
2Bk3—17 to 45 inches; silt loam
3Bk4—45 to 49 inches; sandy clay loam
3Bk5—49 to 65 inches; gravelly clay loam

Hawaikuh soils

Geomorphic position: Fan remnants on valley sides and stream terraces on valley floors
Parent material: Fan and stream alluvium derived from sandstone and shale
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.20 in/hr (moderately slow)
Available water capacity: About 10.1 inches (high)
Shrink-swell potential: About 4.5 LEP (moderate)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 4 mmhos/cm (very slightly saline)
Sodicity maximum: About 2 SAR (slightly sodic)
Ecological site: Clayey
Present native vegetation: alkali sacaton, western wheatgrass, galleta, Indian ricegrass, blue grama, bottlebrush squirreltail, broom snakeweed, fourwing saltbush, threeawn, winterfat, mat muhly, spike muhly
Land capability (irrigated): 3e
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4

Typical Profile:
A—0 to 3 inches; silt loam
Btk1—3 to 12 inches; silty clay loam
Btk2—12 to 29 inches; clay loam
Bk1—29 to 39 inches; sandy clay loam
Bk2—39 to 54 inches; sandy loam
Bk3—54 to 65 inches; silty clay loam

Minor Components

Venadito and similar soils
Composition: About 10 percent
Slope: 0 to 1 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Clayey Bottomland

Tintero and similar soils
Composition: About 6 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Somewhat excessively drained
Ecological site: Sandy

Mido and similar soils
Composition: About 4 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Excessively drained
Ecological site: Deep Sand

Figure 4.—Typical landscape of Aquima-Hawaikuh silt loams, 1 to 5 percent slopes. Fourwing saltbush and galleta grass dominate this unit.

230—Sparank-San Mateo-Zia complex, 0 to 3 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,300 to 6,900 feet (1,920 to 2,090 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 54 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Sparank and similar soils: 40 percent
San Mateo and similar soils: 35 percent
Zia and similar soils: 20 percent
Minor components: 5 percent

Component Descriptions

Sparank soils

Geomorphic position: Flood plains on valley floors and alluvial fans on valley sides
Parent material: Fan and stream alluvium derived from sandstone and shale
Slope: 0 to 3 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.03 in/hr (very slow)
Available water capacity: About 10.0 inches (high)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: Occasional
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 4 mmhos/cm (very slightly saline)
Sodicity maximum: About 5 SAR (slightly sodic)
Ecological site: Clayey Bottomland
Present native vegetation: western wheatgrass, alkali sacaton, fourwing saltbush, galleta, blue grama, spike muhly, mat muhly, broom snakeweed, rabbitbrush
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4CC

Barboncito and similar soils
Composition: About 2 percent
Slope: 2 to 5 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Loamy

260—Quarries and Pits

This unit consists of limestone quarries and gravel and borrow pits. This unit occurs throughout the county and on a wide variety of different soils. Included in this unit is the demolition area on Ft. Wingate. This unit is used for the excavation of construction materials. Recommendations on use, reclamation, and revegetation need to be made on a site-specific basis.

261—Coal Mine Land

This unit consists of all areas associated with coal mine activities. These areas include the actual mines, barren tailings, and reclaimed areas. This unit occurs in the northwest part of Mckinley county, from Gallup to near Window Rock, Arizona. Recommendations on use, revegetation, and reclamation need to be made on a site-specific basis.

265—Uranium Mined Lands

This unit consists of all areas associated with uranium mine activities. These areas include the actual mines, shafts, structures, borrow pits, barren tailings and waste rock piles, evaporation ponds, and contaminated waste yards. This unit occurs throughout the county and on a wide variety of different soils. These areas, unless reclaimed or revegetated, have no agricultural uses. Recommendations on use, revegetation and reclamation need to be made on a site-specific basis.

270—Alesna-Rock outcrop complex, 15 to 55 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,500 to 7,600 feet (1,981 to 2,316 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 54 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Alesna and similar soils: 70 percent
Rock outcrop: 20 percent
Minor components: 10 percent

Component Descriptions

Alesna soils

Geomorphic position: Volcanic cones and escarpments on lava plateaus
Parent material: Slope alluvium and colluvium derived from basalt, shale, and sandstone
Slope: 15 to 55 percent
Surface fragments: About 65 percent
Depth to restrictive feature: 40 to 60 inches to bedrock (paralithic)
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 8.0 inches (moderate)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: About 40 percent
Gypsum maximum: None
Salinity maximum: About 4 mmhos/cm (very slightly saline)
Sodicity maximum: About 5 SAR (slightly sodic)
Ecological site: Foothills
Present native vegetation: blue grama, galleta, sideoats grama, alkali sacaton, black grama, bottlebrush squirreltail, fourwing saltbush, little bluestem, needleandthread, winterfat, common wolfstail, oneseed juniper, twoneedle pinyon, narrowleaf yucca
Land capability (nonirrigated): 7e
Conservation Tree/Shrub Group: 4K

Typical Profile:
A—0 to 1 inches; extremely cobbly loam
Bt—1 to 10 inches; gravelly clay loam
Btk1—10 to 20 inches; very gravelly clay
Btk2—20 to 26 inches; clay
Btk3—26 to 52 inches; clay loam
2Cr—52 inches; basalt bedrock

Rock outcrop

Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Bt—2 to 31 inches; clay, clay loam
2Btk1—31 to 45 inches; very gravelly sandy clay
2Btk2—45 to 50 inches; clay loam
2Btk3—50 to 60 inches; stratified very gravelly sandy clay loam
3BCk—60 to 80 inches; gravelly sandy loam

Minor Components

Tuces and similar soils
Composition: About 10 percent
Slope: 2 to 10 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

Venzuni and similar soils
Composition: About 10 percent
Slope: 1 to 3 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Meadow

305—Celavar-Atarque complex, 1 to 8 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,500 to 7,500 feet (1,981 to 2,286 meters)
Mean annual precipitation: 13 to 14 inches (330 to 356 millimeters)
Average annual air temperature: 49 to 53 degrees F (9 to 12 degrees C)
Frost-free period: 115 to 135 days

Map Unit Composition

Celavar and similar soils: 50 percent
Atarque and similar soils: 35 percent
Minor components: 15 percent

Component Descriptions

Celavar soils

Geomorphic position: Dipslopes on cuestas and summits on mesas
Parent material: Eolian material and slope alluvium derived from sandstone and shale
Slope: 1 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.60 in/hr (moderate)
Available water capacity: About 4.7 inches (low)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Low
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 1 SAR (slightly sodic)
Ecological site: Savannah
Present native vegetation: blue grama, western wheatgrass, Indian ricegrass, Mormon tea needleandthread, oneseed juniper, sand dropseed, twoneedle pinyon, muttongrass, rabbitbrush, winterfat, Bigelow's sagebrush, bottlebrush squirreltail, spineless horsebrush
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 6D

Typical Profile:
A—0 to 2 inches; loam
Bt1—2 to 24 inches; sandy clay loam
Bt2—24 to 31 inches; sandy clay loam
2R—31 inches; sandstone bedrock

Atarque soils

Geomorphic position: Dipslopes on cuestas and summits on mesas
Parent material: Eolian material and slope alluvium derived from sandstone and shale
Slope: 1 to 8 percent
Depth to restrictive feature: 10 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.60 in/hr (moderate)
Available water capacity: About 2.0 inches (very low)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 3 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Shallow Sandstone
Present native vegetation: Indian ricegrass, New Mexico feathergrass, blue grama, little bluestem, sideoats grama, Bigelow's sagebrush, fourwing saltbush, galleta, rabbitbrush, twoneedle pinyon, Mormon tea, oneseed juniper
Land capability (nonirrigated): 7s

Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 3 inches; sandy loam
Bt—3 to 14 inches; sandy clay loam
2R—14 inches; sandstone bedrock

Minor Components

Rock outcrop
Composition: About 9 percent
Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Flugle and similar soils
Composition: About 6 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

308—Fikel-Venzuni complex, 1 to 6 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 7,000 to 7,600 feet (2,134 to 2,316 meters)
Mean annual precipitation: 13 to 16 inches (330 to 406 millimeters)
Average annual air temperature: 49 to 53 degrees F (9 to 12 degrees C)
Frost-free period: 115 to 135 days

Map Unit Composition

Fikel and similar soils: 50 percent
Venzuni and similar soils: 40 percent
Minor components: 10 percent

Component Descriptions

Fikel soils

Geomorphic position: Fan remnants on valley sides
Parent material: Fan alluvium derived from sandstone and shale
Slope: 2 to 6 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 9.0 inches (moderate)
Shrink-swell potential: About 4.5 LEP (moderate)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (very slightly saline)
Sodicity maximum: About 5 SAR (slightly sodic)
Ecological site: Clayey
Present native vegetation: alkali sacaton, western wheatgrass, galleta, Indian ricegrass, blue grama, bottlebrush squirreltail, broom snakeweed, fourwing saltbush, threeawn, winterfat, mat muhly, spike muhly
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4C

Typical Profile:
A—0 to 3 inches; clay loam
Bt—3 to 14 inches; clay
Btk1—14 to 32 inches; clay
Btk2—32 to 50 inches; sandy clay loam
Btk3—50 to 65 inches; clay
Btk4—65 to 70 inches; sandy clay loam

Venzuni soils

Geomorphic position: Stream terraces on valley floors
Parent material: Stream alluvium derived from sandstone and shale
Slope: 1 to 6 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.01 in/hr (very slow)
Available water capacity: About 7.9 inches (moderate)
Shrink-swell potential: About 8.0 LEP (high)
Flooding hazard: Rare
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 5 SAR (slightly sodic)
Ecological site: Clayey
Present native vegetation: alkali sacaton, western wheatgrass, galleta, Indian ricegrass, blue grama, bottlebrush squirreltail, broom snakeweed, fourwing saltbush, threeawn, winterfat, mat muhly, spike muhly
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4C
Typical Profile:
A—0 to 7 inches; clay
Bss1—7 to 22 inches; clay
Bss2—22 to 42 inches; clay

Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Sandy Plains
Present native vegetation: blue grama, Indian ricegrass, big sagebrush, oneseed juniper, sand sagebrush, little bluestem, rabbitbrush, twoneedle pinyon, antelope bitterbrush, cliffrose, spineless horsebrush
Land capability (nonirrigated): 6e
Conservation Tree/Shrub Group: 7

Typical Profile:
A1—0 to 2 inches; loamy fine sand
A2—2 to 6 inches; loamy fine sand
C—6 to 65 inches; fine sand

Minor Components

Parkelei and similar soils
Composition: About 10 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

Fraguni and similar soils
Composition: About 5 percent
Slope: 1 to 10 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Somewhat excessively drained
Ecological site: Sandy

Plumasano and similar soils
Composition: About 5 percent
Slope: 5 to 15 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Sandy Slopes

317—Highdye-Evpark-Bryway complex, 2 to 20 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,800 to 7,600 feet (2,073 to 2,316 meters)
Mean annual precipitation: 13 to 16 inches (330 to 406 millimeters)
Average annual air temperature: 46 to 49 degrees F (8 to 9 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Highdye and similar soils: 35 percent
Evpark and similar soils: 30 percent
Bryway and similar soils: 20 percent
Minor components: 15 percent

Component Descriptions

Highdye soils

Geomorphic position: Sideslopes and summits on hills and ridges, dipslopes on cuestas, and summits on mesas
Parent material: Eolian material and slope alluvium over residuum derived from sandstone and shale
Slope: 2 to 20 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 1.8 inches (very low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: None
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodicity maximum: About 2 SAR (slightly sodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: Gambel's oak, antelope bitterbrush, banana yucca, big sagebrush, blue grama, bottlebrush squirreltail, broom snakeweed, buckwheat, cliffrose, fringed sagewort, muttongrass, oneseed juniper, pingue hymenoxys, prairie junegrass, threeawn, twoneedle pinyon
Land capability (nonirrigated): 7s
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 3 inches; fine sandy loam
Bt1—3 to 5 inches; clay loam
2Bt2—5 to 12 inches; clay
2R—12 inches; sandstone bedrock

Evpark soils

Geomorphic position: Sideslopes and summits on hills and ridges, dipslopes on cuestas, and summits on mesas
Parent material: Eolian material and slope alluvium derived from sandstone and shale
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.20 in/hr (moderately slow)

Available water capacity: About 3.9 inches (low)
Shrink-swell potential: About 4.5 LEP (moderate)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (slightly sodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: Gambel's oak, antelope bitterbrush, banana yucca, big sagebrush, blue grama, bottlebrush squirreltail, broom snakeweed, buckwheat, muttongrass, oneseed juniper, prairie junegrass, twoneedle pinyon, western wheatgrass
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 6D

Typical Profile:
A—0 to 5 inches; loam
Bt1—5 to 10 inches; clay loam
Bt2—10 to 24 inches; sandy clay loam
R—24 inches; unweathered bedrock

Bryway soils

Geomorphic position: Sideslopes on hills and ridges, dipslopes on cuestas, and summits on mesas
Parent material: Slope alluvium over residuum derived from shale and sandstone
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 3.3 inches (low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: Gambel's oak, Indian ricegrass, banana yucca, big sagebrush, blue grama, bottlebrush squirreltail, broom snakeweed, buckwheat, mountainmahogany, muttongrass, oneseed juniper, pingue hymenoxys, prairie junegrass, twoneedle pinyon, western wheatgrass
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4C

Typical Profile:
A—0 to 4 inches; sandy loam
Bt1—4 to 10 inches; clay
Bt2—10 to 23 inches; clay
2Cr—23 inches; shale

Minor Components

Vessilla and similar soils
Composition: About 5 percent
Slope: 2 to 4 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Ecological site: Shallow Sandstone

Galzuni and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Clayey

Parkelei and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

320—Parkelei-Fraguni complex, 1 to 8 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,500 to 7,500 feet (1,981 to 2,286 meters)
Mean annual precipitation: 13 to 16 inches (330 to 406 millimeters)
Average annual air temperature: 46 to 49 degrees F (8 to 9 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Parkelei and similar soils: 45 percent
Fraguni and similar soils: 40 percent
Minor components: 15 percent

Component Descriptions

Parkelei soils

Geomorphic position: Dipslopes on cuestas, summits

Component Descriptions

Venzuni soils

Geomorphic position: Stream terraces on valley floors and alluvial fans on valley sides
Parent material: Fan and stream alluvium derived from shale
Slope: 1 to 3 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.01 in/hr (very slow)
Available water capacity: About 9.0 inches (moderate)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: Rare
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 5 SAR (slightly sodic)
Ecological site: Clayey
Present native vegetation: western wheatgrass, rush, sedge, slender wheatgrass, California brome, muttongrass, willow
Land capability (irrigated): 3s
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4CC

Typical Profile:
A—0 to 2 inches; silty clay
BC—2 to 12 inches; silty clay
Bss—12 to 46 inches; clay
2Bss—46 to 65 inches; clay

Minor Components

Nutreeah and similar soils
Composition: About 5 percent
Slope: 0 to 2 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Moderately well drained
Ecological site: Meadow

Suwanee and similar soils
Composition: About 5 percent
Slope: 0 to 2 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Bottomland

332—Evpark-Arabrab complex, 2 to 6 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,800 to 8,000 feet (2,073 to 2,438 meters)
Mean annual precipitation: 13 to 16 inches (330 to 406 millimeters)
Average annual air temperature: 46 to 49 degrees F (8 to 9 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Evpark and similar soils: 50 percent
Arabrab and similar soils: 40 percent
Minor components: 10 percent

Component Descriptions

Evpark soils

Geomorphic position: Dipslopes on cuestas and summits on mesas
Parent material: Eolian material and slope alluvium derived from sandstone and shale
Slope: 2 to 6 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.20 in/hr (moderately slow)
Available water capacity: About 7.0 inches (moderate)
Shrink-swell potential: About 4.5 LEP (moderate)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: None
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: Gambel's oak, antelope bitterbrush, banana yucca, big sagebrush, blue grama, bottlebrush squirreltail, broom snakeweed, buckwheat, muttongrass, oneseed juniper, prairie junegrass, twoneedle pinyon, western wheatgrass
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 6D

Figure 9.—Typical landscape of Parklei-Fraguni complex, 1 to 8 percent slopes. Profile of the Parklei soil in a roadcut.

Typical Profile:
A—0 to 2 inches; fine sandy loam
Bt1—2 to 9 inches; loam
Bt2—9 to 36 inches; clay loam
R—36 inches; sandstone bedrock

Arabrab soils

Geomorphic position: Dipslopes on cuestas and summits on mesas
Parent material: Eolian material and slope alluvium over residuum derived from sandstone
Slope: 2 to 6 percent
Surface fragments: About 23 percent
Depth to restrictive feature: 10 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.20 in/hr (moderately slow)
Shrink-swell potential: About 4.0 LEP (moderate)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: big sagebrush, muttongrass, Utah serviceberry, banana yucca, bottlebrush squirreltail, cliff fendlerbush, thrifty goldenweed, toadflax penstemon, oneseed juniper, twoneedle pinyon
Land capability (nonirrigated): 7s
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 2 inches; gravelly fine sandy loam
Bt1—2 to 7 inches; sandy clay loam
Bt2—7 to 12 inches; clay loam
Btk—12 to 17 inches; gravelly clay loam
R—17 inches; sandstone bedrock

Minor Components

Highdye and similar soils
Composition: About 3 percent

Slope: 2 to 6 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

Parkelei and similar soils
Composition: About 5 percent
Slope: 2 to 6 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

Rock outcrop
Composition: About 2 percent
Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

335—Venadito clay, 1 to 3 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,600 to 7,100 feet (2,012 to 2,164 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 53 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Venadito and similar soils: 85 percent
Minor components: 15 percent

Component Descriptions

Venadito soils

Geomorphic position: Swales, depressions, and flood plains on valley floors and alluvial fans on valley sides
Parent material: Fan and stream alluvium derived from shale
Slope: 1 to 3 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.01 in/hr (very slow)
Available water capacity: About 8.9 inches (moderate)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: Frequent
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: About 10 percent
Gypsum maximum: About 1 percent
Salinity maximum: About 4 mmhos/cm (very slightly saline)
Sodicity maximum: About 10 SAR (slightly sodic)
Ecological site: Clayey Bottomland
Present native vegetation: western wheatgrass, alkali sacaton, fourwing saltbush, galleta, blue grama, spike muhly, mat muhly, broom snakeweed, rabbitbrush
Land capability (irrigated): 4w
Land capability (nonirrigated): 6w
Conservation Tree/Shrub Group: 4CC

Typical Profile:
A—0 to 3 inches; clay
BCss1—3 to 30 inches; clay
BCss2—30 to 65 inches; clay

Minor Components

Suwanee and similar soils
Composition: About 10 percent
Slope: 0 to 2 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Bottomland

Nuffel and similar soils
Composition: About 5 percent
Slope: 0 to 2 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Bottomland

336—Nuffel-Venadito complex, 1 to 3 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,100 to 6,500 feet (1,859 to 1,981 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 53 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Nuffel and similar soils: 45 percent
Venadito and similar soils: 35 percent
Minor components: 20 percent

Component Descriptions

Nuffel soils

Geomorphic position: Flood plains on valley floors

Parent material: Stream alluvium derived from siltstone and shale
Slope: 1 to 3 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 10.5 inches (high)
Shrink-swell potential: About 4.5 LEP (moderate)
Flooding hazard: Frequent
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 5 SAR (slightly sodic)
Ecological site: Bottomland
Present native vegetation: alkali sacaton, western wheatgrass, fourwing saltbush, blue grama, galleta, spike muhly, mat muhly, sand dropseed, spineless horsebrush
Land capability (irrigated): 4w
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 8

Typical Profile:
A—0 to 2 inches; silt loam
C1—2 to 10 inches; sandy loam
C2—10 to 17 inches; silt loam
C3—17 to 20 inches; loam
C4—20 to 47 inches; silty clay loam
2Ab—47 to 65 inches; silty clay

Venadito soils

Geomorphic position: Flood plains, depressions and swales on valley floors
Parent material: Stream alluvium derived from shale
Slope: 1 to 3 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.03 in/hr (very slow)
Available water capacity: About 7.7 inches (moderate)
Shrink-swell potential: About 11.0 LEP (very high)
Flooding hazard: Frequent
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 4 mmhos/cm (very slightly saline)
Sodicity maximum: About 10 SAR (slightly sodic)
Ecological site: Clayey Bottomland
Present native vegetation: western wheatgrass, alkali sacaton, fourwing saltbush, galleta, blue grama, spike muhly, mat muhly, broom snakeweed, rabbitbrush
Land capability (irrigated): 4w
Land capability (nonirrigated): 6w
Conservation Tree/Shrub Group: 4CC

Typical Profile:
A—0 to 2 inches; clay
BCss1—2 to 9 inches; clay
BCss2—9 to 11 inches; silty clay
BCss3—11 to 65 inches; clay

Minor Components

Hawaikuh and similar soils
Composition: About 8 percent
Slope: 0 to 2 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Clayey

Aquima and similar soils
Composition: About 8 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

Penistaja and similar soils
Composition: About 4 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

338—Zyme-Lockerby association, 5 to 35 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,500 to 7,200 feet (1,981 to 2,195 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 46 to 49 degrees F (8 to 9 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Zyme and similar soils: 50 percent
Lockerby and similar soils: 40 percent

Component Descriptions

Rock outcrop

Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Tuces soils

Geomorphic position: Escarpments on cuestas
Parent material: Slope alluvium and colluvium over residuum derived from sandstone and shale
Slope: 20 to 40 percent
Surface fragments: About 75 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 3.5 inches (low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 1 SAR (slightly sodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: Gambel's oak, banana yucca, blue grama, bottlebrush squirreltail, buckwheat, cliffrose, fourwing saltbush, galleta, mountainmahogany, muttongrass, needlegrass, oneseed juniper, sideoats grama, threeawn, twoneedle pinyon
Land capability (nonirrigated): 8
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 1 inches; extremely gravelly clay loam
Bk1—1 to 4 inches; clay
Bk2—4 to 24 inches; clay
Cr—24 inches; shale

Minor Components

Vessilla and similar soils
Composition: About 10 percent
Slope: 2 to 15 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Ecological site: Shallow Sandstone

Fikel and similar soils
Composition: About 5 percent
Slope: 2 to 6 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Clayey

Venzuni and similar soils
Composition: About 5 percent
Slope: 1 to 3 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Meadow

350—Toldohn-Vessilla-Rock outcrop complex, 8 to 35 percent slopes

Map Unit Setting

Elevation: 6,800 to 8,000 feet (2,073 to 2,438 meters)
Mean annual precipitation: 13 to 16 inches (330 to 406 millimeters)
Mean annual air temperature: 46 to 49 degrees F (8.0 to 9.4 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Toldohn and similar soils: 35 percent
Vessilla and similar soils: 30 percent
Rock outcrop: 20 percent
Minor components: 15 percent

Component Descriptions

Toldohn soils

Landform: Breaks, ridges, hills
Parent material: Slope alluvium over residuum derived from shale
Slope: 8 to 35 percent
Surface fragments: About 25 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (paralithic)
Drainage class: Well drained
Slowest permeability: .06 to 0.2 in/hr (slow)
Available water capacity: About 1.5 inches (very low)
Shrink-swell potential: About 7.5 percent (high)
Runoff class: Very high
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodium adsorption ratio maximum: About 2 (slightly sodic)

Ecological site: pinyon-juniper forest
Potential native vegetation:
Common trees: oneseed juniper, Rocky Mountain juniper, Gambel oak, twoneedle pinyon
Other plants: Gambel oak, antelope bitterbrush, banana yucca, big sagebrush, blue grama, bottlebrush squirreltail, broom snakeweed, buckwheat, little bluestem, mountainmahogany, muttongrass, oneseed juniper, prairie junegrass, sideoats grama, twoneedle pinyon
Land capability subclass (nonirrigated): 7s

Typical Profile:
A—0 to 4 inches; gravelly clay loam
2BC—4 to 11 inches; clay
2Cr—11 to 20 inches; weathered bedrock

Vessilla soils

Landform: Breaks, structural benches on ridges, structural benches on hills
Parent material: Eolian and slope alluvium derived from sandstone
Slope: 8 to 15 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Slowest permeability: 2.0 to 6.0 in/hr (moderately rapid)
Available water capacity: About 1.5 inches (very low)
Runoff class: Medium
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodium adsorption ratio maximum: About 0 (nonsodic)
Ecological site: pinyon-juniper forest
Potential native vegetation:
Common trees: oneseed juniper, Rocky Mountain juniper, Gambel oak, twoneedle pinyon
Other plants: Gambel oak, antelope bitterbrush, banana yucca, big sagebrush, blue grama, broom snakeweed, buckwheat, little bluestem, mountainmahogany, muttongrass, oneseed juniper, prairie junegrass, sideoats grama, twoneedle pinyon
Land capability subclass (nonirrigated): 7s

Typical Profile:
A—0 to 2 inches; fine sandy loam
C—2 to 11 inches; fine sandy loam
2R—11 to 20 inches; unweathered bedrock

Rock outcrop

Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Minor Components

Galzuni and similar soils
Composition: About 5 percent
Slope: 5 to 8 percent
Drainage class: Well drained
Ecological site: Clayey

Parkelei and similar soils
Composition: About 5 percent
Slope: 5 to 8 percent
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

Bryway and similar soils
Composition: About 5 percent
Slope: 5 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

351—Rock outcrop-Vessilla complex, 35 to 70 percent slopes

Map Unit Setting

Elevation: 6,800 to 8,000 feet (2,073 to 2,438 meters)
Mean annual precipitation: 13 to 16 inches (330 to 406 millimeters)
Mean annual air temperature: 46 to 49 degrees F (8.0 to 9.4 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Rock outcrop: 60 percent
Vessilla and similar soils: 30 percent
Minor components: 10 percent

Component Descriptions

Rock outcrop

Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale. Slopes range from about 5 to 15 percent on treads (structural benches) to almost vertical cliffs on the risers (escarpment face).

Vessilla soils

Landform: Escarpments on cuestas, escarpments on mesas
Parent material: Eolian material and slope alluvium derived from sandstone

Slope: 35 to 50 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Slowest permeability: 2.0 to 6.0 in/hr (moderately rapid)
Available water capacity: About 0.7 inches (very low)
Shrink-swell potential: About 1.5 percent (low)
Runoff class: Medium
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodium adsorption ratio maximum: About 0 (nonsodic)
Ecological site: Draft Shallow Savannah 9-14" P.z.
Potential native vegetation: Gambel oak, antelope bitterbrush, banana yucca, big sagebrush, blue grama, broom snakeweed, buckwheat, little bluestem, mountainmahogany, muttongrass, oneseed juniper, prairie junegrass, sideoats grama
Land capability subclass (nonirrigated): 7s

Typical Profile:
A—0 to 5 inches; fine sandy loam
2R—5 to 20 inches; unweathered bedrock

Minor Components

Rubble Land
Composition: About 3 percent
Depth to restrictive feature: 0 inches to bedrock (lithic)

Mido and similar soils
Composition: About 3 percent
Slope: 5 to 10 percent
Drainage class: Excessively drained
Ecological site: Deep Sand

Toldohn and similar soils
Composition: About 2 percent
Slope: 20 to 35 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Clayey

Vessilla and similar soils
Composition: About 2 percent
Slope: 5 to 35 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Shallow Sandstone

352—Zia sandy loam, 1 to 5 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,000 to 6,800 feet (1,829 to 2,073 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 53 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Zia and similar soils: 80 percent
Minor components: 20 percent

Component Descriptions

Zia soils

Geomorphic position: Stream terraces on valley floors and alluvial fans on valley sides
Parent material: Eolian material and fan and stream alluvium derived from sandstone
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Somewhat excessively drained
Slowest permeability: About 2.00 in/hr (moderately rapid)
Available water capacity: About 7.1 inches (moderate)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very low
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 2 SAR (slightly sodic)
Ecological site: Sandy
Present native vegetation: blue grama, western wheatgrass, Indian ricegrass, fourwing saltbush, sand dropseed, needleandthread, spike dropseed, winterfat, galleta, ring muhly, rabbitbrush, sand sagebrush, spineless horsebrush
Land capability (irrigated): 3e
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 5

Typical Profile:
A—0 to 3 inches; sandy loam

C1—3 to 31 inches; sandy loam
C2—31 to 65 inches; fine sandy loam

Minor Components

Mido and similar soils
Composition: About 10 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Excessively drained
Ecological site: Deep Sand

Penistaja and similar soils
Composition: About 5 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

Aquima and similar soils
Composition: About 5 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

353—Mido loamy fine sand, 1 to 6 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,300 to 6,700 feet (1,920 to 2,042 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 53 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Mido and similar soils: 90 percent
Minor components: 10 percent

Component Descriptions

Mido soils

Geomorphic position: Dunes on valley sides and valley floors
Parent material: Eolian material derived from sandstone
Slope: 1 to 6 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Excessively drained
Slowest permeability: About 6.00 in/hr (rapid)
Available water capacity: About 4.8 inches (low)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Negligible
Calcium carbonate maximum: About 1 percent
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Deep Sand
Present native vegetation: Indian ricegrass, blue grama, antelope bitterbrush, broom snakeweed, fourwing saltbush, sand dropseed, sandhill muhly
Land capability (irrigated): 3e
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 5

Typical Profile:
A—0 to 3 inches; loamy fine sand
C—3 to 65 inches; loamy fine sand

Minor Components

Redpen and similar soils
Composition: About 5 percent
Slope: 1 to 6 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

Fragua and similar soils
Composition: About 5 percent
Slope: 1 to 6 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Somewhat excessively drained
Ecological site: Sandy Slopes

354—Knifehill loam, 1 to 5 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,900 to 7,500 feet (2,103 to 2,286 meters)
Mean annual precipitation: 13 to 16 inches (330 to 406 millimeters)
Average annual air temperature: 46 to 49 degrees F (8 to 9 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Knifehill and similar soils: 80 percent
Minor components: 20 percent

Component Descriptions

Knifehill soils

Geomorphic position: Stream terraces on valley floors and fan remnants on valley sides
Parent material: Fan and stream alluvium derived from sandstone and shale
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 9.4 inches (high)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 15 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Meadow
Present native vegetation: western wheatgrass, rush, sedge, slender wheatgrass, California brome, muttongrass, willow
Land capability (irrigated): 3c
Land capability (nonirrigated): 4c
Conservation Tree/Shrub Group: 4C

Typical Profile:
A—0 to 2 inches; loam
Bw—2 to 6 inches; clay loam
Bt1—6 to 11 inches; clay loam
Bt2—11 to 26 inches; clay
Btk—26 to 35 inches; clay
Bk—35 to 65 inches; clay

Minor Components

Silcat and similar soils
Composition: About 10 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Clayey

Parkelei and similar soils
Composition: About 10 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

355—Rizno-Tekapo-Rock outcrop complex, 2 to 45 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,200 to 6,700 feet (1,890 to 2,042 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 54 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Rizno and similar soils: 35 percent
Tekapo and similar soils: 30 percent
Rock outcrop: 20 percent
Minor components: 15 percent

Component Descriptions

Rizno soils

Geomorphic position: Structural benches on escarpments on cuestas and mesas
Parent material: Eolian material over residuum derived from sandstone
Slope: 2 to 20 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 2.00 in/hr (moderately rapid)
Available water capacity: About 0.9 inches (very low)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Shallow Sandstone
Present native vegetation: Indian ricegrass, New Mexico feathergrass, blue grama, little bluestem, sideoats grama, Bigelow's sagebrush, fourwing saltbush, galleta, sand dropseed, antelope bitterbrush, cliffrose, Mormon tea, oneseed juniper
Land capability (nonirrigated): 7s
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 3 inches; fine sandy loam
C—3 to 8 inches; sandy loam
2R—8 inches; sandstone bedrock

Tekapo soils

Geomorphic position: Escarpments on mesas and cuestas
Parent material: Slope alluvium and colluvial material over residuum derived from shale and siltstone
Slope: 10 to 45 percent
Surface fragments: About 20 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (paralithic)
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 1.6 inches (very low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Shale Hills
Present native vegetation: alkali sacaton, galleta, Indian ricegrass, blue grama, bottlebrush squirreltail, fourwing saltbush, little bluestem, needleandthread, sideoats grama, western wheatgrass, mound saltbush, shadscale saltbush, Bigelow's sagebrush, oneseed juniper, winterfat
Land capability (nonirrigated): 7s
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 2 inches; channery silty clay loam
C—2 to 10 inches; silty clay
2Cr—10 inches; shale

Rock outcrop

Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Minor Components

Aquima and similar soils
Composition: About 5 percent
Slope: 2 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

Mido and similar soils
Composition: About 5 percent
Slope: 2 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Excessively drained
Ecological site: Deep Sand

Monpark and similar soils
Composition: About 5 percent
Slope: 2 to 5 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Clayey

357—Heshotauthla clay, 0 to 1 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,300 to 7,000 feet (1,920 to 2,134 meters)
Mean annual precipitation: 13 to 16 inches (330 to 406 millimeters)
Average annual air temperature: 46 to 49 degrees F (8 to 9 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Heshotauthla and similar soils: 85 percent
Minor components: 15 percent

Component Descriptions

Heshotauthla soils

Geomorphic position: Stream terraces on valley floors and flood plains on valley floors
Parent material: Stream alluvium derived from sandstone and shale
Slope: 0 to 1 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.01 in/hr (very slow)
Available water capacity: About 5.4 inches (low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: Occasional
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 5 percent
Gypsum maximum: About 1 percent
Salinity maximum: About 16 mmhos/cm (moderately saline)

Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 4 mmhos/cm (very slightly saline)
Sodicity maximum: About 2 SAR (slightly sodic)
Ecological site: Clayey
Present native vegetation: western wheatgrass, needleandthread, winterfat, Indian ricegrass, big sagebrush, blue grama, bottlebrush squirreltail, galleta, pingue hymenoxys, rabbitbrush
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4C

Typical Profile:
Ap1—0 to 1 inches; clay loam
Ap2—1 to 5 inches; clay
Btss—5 to 32 inches; clay
Btkss—32 to 51 inches; clay
Btkz—51 to 65 inches; clay

Minor Components

Fraguni and similar soils
Composition: About 5 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Somewhat excessively drained
Ecological site: Sandy

Parkelei and similar soils
Composition: About 5 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

Silcat and similar soils
Composition: About 5 percent
Slope: 0 to 3 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Clayey

361—Monpark silty clay, 2 to 8 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,000 to 7,000 feet (1,829 to 2,134 meters)
Mean annual precipitation: 10 to 13 inches (254 to 330 millimeters)
Average annual air temperature: 49 to 53 degrees F (9 to 12 degrees C)
Frost-free period: 120 to 140 days

Map Unit Composition

Monpark and similar soils: 80 percent
Minor components: 20 percent

Component Descriptions

Monpark soils

Geomorphic position: Hills and valley sides
Parent material: Slope alluvium over residuum derived from shale
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Slowest permeability: About 0.03 in/hr (very slow)
Available water capacity: About 4.1 inches (low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 4 mmhos/cm (very slightly saline)
Sodicity maximum: About 5 SAR (slightly sodic)
Ecological site: Clayey
Present native vegetation: western wheatgrass, alkali sacaton, blue grama, galleta, Indian ricegrass, fourwing saltbush, winterfat, bottlebrush squirreltail, rabbitbrush, broom snakeweed
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4CK

Typical Profile:
A—0 to 4 inches; silty clay
BC—4 to 7 inches; silty clay
2BCss—7 to 27 inches; clay
2Cr—27 inches; shale

Minor Components

Tekapo and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Shale Hills

Rizno and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Ecological site: Shallow Sandstone

Venadito and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Clayey Bottomland

Aquima and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

365—Vessilla-Rock outcrop complex, 2 to 15 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,500 to 8,000 feet (1,981 to 2,469 meters)
Mean annual precipitation: 13 to 14 inches (330 to 356 millimeters)
Average annual air temperature: 46 to 49 degrees F (8 to 9 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Vessilla and similar soils: 55 percent
Rock outcrop: 35 percent
Minor components: 10 percent

Component Descriptions

Vessilla soils

Geomorphic position: Summits on mesas and dipslopes on cuestas
Parent material: Eolian material derived from sandstone
Slope: 2 to 15 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 2.00 in/hr (moderately rapid)
Available water capacity: About 2.1 inches (very low)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: About 15 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: Bigelow's sagebrush, blue grama, fourwing saltbush, Indian ricegrass, New Mexico feathergrass, galleta, little bluestem, sideoats grama, winterfat, cliffrose, Mormon tea, oneseed juniper, twoneedle pinyon
Land capability (nonirrigated): 7s
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 2 inches; fine sandy loam
Ck1—2 to 6 inches; fine sandy loam
Ck2—6 to 15 inches; fine sandy loam
R—15 to 20 inches; sandstone bedrock

Rock outcrop

Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Minor Components

Arabrab and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

Evpark and similar soils
Composition: About 3 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

Parkelei and similar soils
Composition: About 2 percent
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

Bt1—2 to 7 inches; fine sandy loam
Bt2—7 to 20 inches; sandy clay loam
Bt3—20 to 28 inches; sandy clay loam
2R—28 inches; sandstone bedrock

Stozuni soils

Geomorphic position: Summits on mesas and dipslopes on cuestas
Parent material: Eolian material and slope alluviim derived from sandstone
Slope: 2 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Slowest permeability: About 2.00 in/hr (moderately rapid)
Available water capacity: About 2.1 inches (very low)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: None
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Ponderosa Pine Forest
Present native vegetation: Arizona fescue, Gambel's oak, blue grama, bottlebrush squirreltail, mountain muhly, muttongrass, prairie junegrass
Land capability (nonirrigated): 7s
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 2 inches; sandy loam
C1—2 to 10 inches; fine sandy loam
C2—10 to 15 inches; fine sandy loam
2R—15 inches; sandstone bedrock

Minor Components

Rock outcrop
Composition: About 5 percent
Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Knifehill and similar soils
Composition: About 5 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Meadow

Zunalei and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Ponderosa Forest

Valnor and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Ponderosa Forest

403—Valnor-Techado complex, 2 to 25 percent slopes

Map Unit Setting

MLRA: 39
Elevation: 7,100 to 7,800 feet (2,164 to 2,377 meters)
Mean annual precipitation: 16 to 20 inches (406 to 508 millimeters)
Average annual air temperature: 40 to 45 degrees F (4 to 7 degrees C)
Frost-free period: 90 to 110 days

Map Unit Composition

Valnor and similar soils: 50 percent
Techado and similar soils: 30 percent
Minor components: 20 percent

Component Descriptions

Valnor soils

Geomorphic position: Sideslopes on hills and ridges
Parent material: Slope alluvium derived from shale
Slope: 2 to 15 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 5.3 inches (low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)

Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Ponderosa Pine Forest
Present native vegetation: Arizona fescue, Gambel's oak, blue grama, bottlebrush squirreltail, buckwheat, mountainmahogany, mountain muhly, muttongrass, rabbitbrush
Land capability (nonirrigated): 6e
Conservation Tree/Shrub Group: 4C

Typical Profile:
A—0 to 2 inches; clay loam
Bw—2 to 4 inches; clay loam
Bt—4 to 20 inches; clay
2Ck—20 to 34 inches; clay
2Cr—34 inches; shale

Techado soils

Geomorphic position: Sideslopes on hills and ridges
Parent material: Slope alluvium and colluvium over residuum derived from shale
Slope: 5 to 25 percent
Surface fragments: About 25 percent
Depth to restrictive feature: 10 to 20 inches to bedrock (paralithic)
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 1.9 inches (very low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: None
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 1 SAR (slightly sodic)
Ecological site: Ponderosa Pine Forest
Present native vegetation: Arizona fescue, Gambel's oak, blue grama, bottlebrush squirreltail, buckwheat, mountainmahogany, mountain muhly, muttongrass, rabbitbrush
Land capability (nonirrigated): 7s
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 3 inches; gravelly clay
2C—3 to 13 inches; clay
2Cr—13 inches; shale

Minor Components

Zunalei and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Ponderosa Pine Forest

Knifehill and similar soils
Composition: About 5 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Meadow

Shoemaker and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Moderately well drained
Ecological site: Ponderosa Pine Forest

Stozuni and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Ecological site: Ponderosa Pine Forest

404—Rock outcrop-Techado-Stozuni complex, 5 to 60 percent slopes

Map Unit Setting

Elevation: 6,600 to 8,000 feet (2,012 to 2,438 meters)
Mean annual precipitation: 16 to 20 inches (406 to 508 millimeters)
Mean annual air temperature: 40 to 45 degrees F (4.4 to 7.0 degrees C)
Frost-free period: 90 to 110 days

Map Unit Composition

Rock outcrop: 35 percent
Techado and similar soils: 35 percent
Stozuni and similar soils: 25 percent
Minor components: 5 percent

Component Descriptions

Rock outcrop

Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale. Slopes range from about 5 to 15 percent on treads (structural benches) to almost vertical cliffs on the risers (escarpment face).

Techado soils

Landform: Sideslopes on hills and ridges, and escarpments on cuestas and mesas
Parent material: Slope alluvium and colluvium over residuum derived from shale
Slope: 5 to 60 percent
Surface fragments: About 15 percent
Depth to restrictive feature: 10 to 20 inches to bedrock (paralithic)
Drainage class: Well drained
Slowest permeability: .06 to 0.2 in/hr (slow)
Available water capacity: About 2.6 inches (very low)
Shrink-swell potential: About 7.5 percent (high)
Runoff class: Very high
Calcium carbonate maximum: None
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodium adsorption ratio maximum: About 1 (slightly sodic)
Ecological site: Ponderosa Pine Forest
Potential native vegetation:
Common trees: alligator juniper, Rocky Mountain juniper, Gambel oak, twoneedle pinyon, ponderosa pine, Douglas-fir
Other plants: Arizona fescue, Gambel oak, blue grama, bottlebrush squirreltail, buckwheat, mountainmahogany, mountain muhly, muttongrass, rabbitbrush
Land capability subclass (nonirrigated): 8

Typical Profile:
A—0 to 5 inches; channery clay loam
C1—5 to 8 inches; clay
C2—8 to 17 inches; clay
2R—17 to 20 inches; weathered bedrock

Stozuni soils

Landform: Summits on hills and ridges and structural benches on escarpments
Parent material: Eolian material and slope alluvium derived from sandstone
Slope: 5 to 15 percent
Surface fragments: About 25 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Slowest permeability: 2.0 to 6.0 in/hr (moderately rapid)
Available water capacity: About 0.7 inches (very low)
Shrink-swell potential: About 1.5 percent (low)
Runoff class: Medium
Calcium carbonate maximum: About 1 percent
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodium adsorption ratio maximum: About 0 (nonsodic)
Ecological site: Ponderosa Pine Forest
Potential native vegetation:
Common trees: Rocky Mountain juniper, alligator juniper, twoneedle pinyon, Gambel oak, ponderosa pine, Douglas-fir
Other plants: Arizona fescue, Gambel oak, blue grama, bottlebrush squirreltail, buckwheat, mountainmahogany, mountain muhly, muttongrass, rabbitbrush
Land capability subclass (nonirrigated): 7s

Typical Profile:
A—0 to 1 inch; gravelly sandy loam
C—1 inch to 7 inches; gravelly sandy loam
R—7 to 20 inches; unweathered bedrock

Minor Components

Valnor and similar soils
Composition: About 3 percent
Slope: 2 to 15 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Ponderosa Pine Forest

Asaayi and similar soils
Composition: About 2 percent
Slope: 2 to 15 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Ponderosa Pine Forest

405—Fortwingate-Owlrock complex, 2 to 8 percent slopes

Map Unit Setting

MLRA: 39
Elevation: 7,200 to 8,200 feet (2,195 to 2,499 meters)
Mean annual precipitation: 16 to 20 inches (406 to 508 millimeters)
Average annual air temperature: 40 to 45 degrees F (4 to 7 degrees C)
Frost-free period: 90 to 110 days

Map Unit Composition

Fortwingate and similar soils: 50 percent
Owlrock and similar soils: 35 percent
Minor components: 15 percent

Component Descriptions

Fortwingate soils

Geomorphic position: Dipslopes on cuestas
Parent material: Slope alluvium over residuum derived from sandstone, shale, and dolomitic limestone
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 3.6 inches (low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: None
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Ponderosa Pine Forest
Present native vegetation: Arizona fescue, Gambel's oak, Kentucky bluegrass, Rocky Mountain juniper, antelope bitterbrush, blue grama, bottlebrush squirreltail, mountain muhly, muttongrass, pine dropseed, prairie junegrass, twoneedle pinyon
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4C

Typical Profile:
Oi—0 to 1 inches; slightly decomposed plant material
A—1 to 4 inches; loam
Bt—4 to 9 inches; clay loam
Btss—9 to 26 inches; clay
2R—26 inches; sandstone and limestone bedrock

Owlrock soils

Geomorphic position: Dipslopes on cuestas
Parent material: Residuum derived from dolomitic limestone
Slope: 2 to 8 percent
Surface fragments: About 55 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.60 in/hr (moderate)
Available water capacity: About 1.7 inches (very low)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 20 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Ponderosa Pine Forest
Present native vegetation: Arizona fescue, Gambel's oak, Rocky Mountain juniper, barberry, blue grama, bottlebrush squirreltail, buckwheat, little bluestem, mountain muhly, muttongrass, sideoats grama
Land capability (nonirrigated): 7s
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 1 inches; very gravelly loam
Btk1—1 to 6 inches; very cobbly loam
Btk2—6 to 13 inches; very cobbly loam
R—13 inches; limestone bedrock

Minor Components

Rock outcrop
Composition: About 5 percent
Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Asaayi and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Ponderosa Pine Forest

Osoridge and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 10 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Ponderosa Pine Forest

406—Polich silt loam, 0 to 3 percent slopes

Map Unit Setting

MLRA: 39
Elevation: 7,600 to 8,000 feet (2,316 to 2,438 meters)
Mean annual precipitation: 16 to 20 inches (406 to 508 millimeters)
Average annual air temperature: 40 to 45 degrees F (4 to 7 degrees C)
Frost-free period: 90 to 110 days

Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Ponderosa Pine Forest

Osoridge and similar soils
Composition: About 2 percent
Slope: 1 to 5 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Ponderosa Pine Forest

414—Zunalei-Corzuni loamy fine sands, 2 to 10 percent slopes

Map Unit Setting

MLRA: 39
Elevation: 7,000 to 7,500 feet (2,134 to 2,286 meters)
Mean annual precipitation: 16 to 20 inches (406 to 508 millimeters)
Average annual air temperature: 45 to 48 degrees F (7 to 9 degrees C)
Frost-free period: 90 to 110 days

Map Unit Composition

Zunalei and similar soils: 50 percent
Corzuni and similar soils: 40 percent
Minor components: 10 percent

Component Descriptions

Zunalei soils

Geomorphic position: Fan remnants on valley sides and dipslopes on cuestas
Parent material: Eolian material and fan alluvium derived from sandstone
Slope: 2 to 10 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.60 in/hr (moderate)
Available water capacity: About 8.4 inches (moderate)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Ponderosa Pine Forest
Present native vegetation: blue grama, bottlebrush squirreltail, broom snakeweed, buckwheat, fringed sagewort, little bluestem, muttongrass, needlegrass, pine dropseed, prairie junegrass
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4

Typical Profile:
A—0 to 1 inches; loamy fine sand
AB—1 to 6 inches; fine sandy loam
Bt1—6 to 20 inches; sandy clay loam
Bt2—20 to 50 inches; fine sandy loam
BCk—50 to 70 inches; fine sandy loam

Corzuni soils

Geomorphic position: Fan remnants on valley sides and dipslopes on cuestas
Parent material: Eolian material and fan alluvium derived from sandstone
Slope: 2 to 10 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Somewhat excessively drained
Slowest permeability: About 2.00 in/hr (moderately rapid)
Available water capacity: About 7.9 inches (moderate)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Low
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Ponderosa Pine Forest
Present native vegetation: blue grama, bottlebrush squirreltail, broom snakeweed, buckwheat, fringed sagewort, little bluestem, muttongrass, needlegrass, pine dropseed, prairie junegrass
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 3

Typical Profile:
Oi—0 to 1 inches; slightly decomposed plant material
A—1 to 8 inches; loamy fine sand
Bt1—8 to 29 inches; fine sandy loam
Bt2—29 to 45 inches; fine sandy loam
Bk—45 to 70 inches; fine sandy loam

Minor Components

Knifehill and similar soils
Composition: About 5 percent

Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Meadow

Fikel and similar soils
Composition: About 3 percent
Slope: 2 to 10 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Clayey

Shoemaker and similar soils
Composition: About 2 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Moderately well drained
Ecological site: Ponderosa Pine Forest

415—Tsoodzil-Rubble land complex, 10 to 55 percent slopes

Map Unit Setting

MLRA: 39
Elevation: 7,600 to 9,000 feet (2,316 to 2,743 meters)
Mean annual precipitation: 16 to 20 inches (406 to 508 millimeters)
Average annual air temperature: 40 to 45 degrees F (4 to 7 degrees C)
Frost-free period: 90 to 110 days

Map Unit Composition

Tsoodzil and similar soils: 60 percent
Rubble land: 20 percent
Minor components: 20 percent

Component Descriptions

Tsoodzil soils

Geomorphic position: Escarpments on lava plateaus
Parent material: Eolian material and slope alluvium derived from basalt
Slope: 10 to 55 percent
Surface fragments: About 45 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 8.0 inches (moderate)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: About 2 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Ponderosa Pine Forest
Present native vegetation: blue grama, broom snakeweed, little bluestem, muttongrass, pine dropseed
Land capability (nonirrigated): 7e
Conservation Tree/Shrub Group: 4C

Typical Profile:
E—0 to 3 inches; very cobbly loam
Bt—3 to 7 inches; clay loam
Btss1—7 to 22 inches; gravelly clay
Btss2—22 to 65 inches; clay

Rubble land

Rubble land consists of areas of cobbles, stones, and boulders. Most areas are at the base of escarpments.

Slope: 0 to 200 percent
Drainage class: Excessively drained
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Low
Conservation Tree/Shrub Group: 10

Minor Components

Rock outcrop
Composition: About 9 percent
Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Montillo and similar soils
Composition: About 5 percent
Slope: 10 to 15 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Ponderosa Pine Forest

Canoneros and similar soils
Composition: About 3 percent
Slope: 2 to 6 percent
Depth to restrictive feature: 10 to 20 inches to bedrock (lithic)

Bluesky soils

Landform: Structural benches on escarpments
Parent material: Eolian material and slope alluvium derived from sandstone
Slope: 5 to 20 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Excessively drained
Slowest permeability: Greater than 20 in/hr (very rapid)
Available water capacity: About 0.5 inches (very low)
Shrink-swell potential: About 1.5 percent (low)
Runoff class: Medium
Calcium carbonate maximum: None
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodium adsorption ratio maximum: About 0 (nonsodic)
Ecological site: Ponderosa Pine Forest
Potential native vegetation:
Common trees: Rocky Mountain juniper, Douglas-fir, twoneedle pinyon, ponderosa pine
Other plants: Gambel oak, Indian ricegrass, blue grama, bottlebrush squirreltail, buckwheat, cliffrose, little bluestem, mountainmahogany, mountain muhly, muttongrass, pine dropseed, sideoats grama, yucca
Land capability subclass (nonirrigated): 8

Typical Profile:
A—0 to 5 inches; fine sand
C—5 to 8 inches; fine sand
R—8 inches; sandstone bedrock

Minor Components

Stozuni and similar soils
Composition: About 5 percent
Slope: 5 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Ecological site: Ponderosa Pine Forest

Shoemaker and similar soils
Composition: About 3 percent
Slope: 5 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Moderately well drained
Ecological site: Ponderosa Pine Forest

Royosa and similar soils
Composition: About 2 percent
Slope: 1 to 15 percent
Drainage class: Excessively drained
Ecological site: Sandy Plains

418—Asaayi-Osoridge complex, 2 to 15 percent slopes

Map Unit Setting

MLRA: 39
Elevation: 7,500 to 7,900 feet (2,286 to 2,408 meters)
Mean annual precipitation: 16 to 20 inches (406 to 508 millimeters)
Average annual air temperature: 40 to 45 degrees F (4 to 7 degrees C)
Frost-free period: 90 to 110 days

Map Unit Composition

Asaayi and similar soils: 40 percent
Osoridge and similar soils: 35 percent
Minor components: 25 percent

Component Descriptions

Asaayi soils

Geomorphic position: Dipslopes on cuestas
Parent material: Slope alluvium derived from sandstone and shale
Slope: 2 to 15 percent
Surface fragments: About 50 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.20 in/hr (moderately slow)
Available water capacity: About 2.4 inches (very low)
Shrink-swell potential: About 4.5 LEP (moderate)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: None
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Ponderosa Pine Forest
Present native vegetation: Gambel's oak, blue grama, bottlebrush squirreltail, buckwheat, cliffrose, little bluestem, mountainmahogany, mountain muhly, pine dropseed, sideoats grama
Land capability (nonirrigated): 7s
Conservation Tree/Shrub Group: 10

Typical Profile:
Oi—0 to 1 inches; slightly decomposed plant material
A—1 to 3 inches; very gravelly fine sandy loam
Bt1—3 to 5 inches; fine sandy loam
Bt2—5 to 16 inches; clay loam
R—16 inches; sandstone bedrock

Osoridge soils

Geomorphic position: Dipslopes on cuestas
Parent material: Slope alluvium over residuum derived from sandstone and shale
Slope: 2 to 15 percent
Surface fragments: About 40 percent
Depth to restrictive feature: 10 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 2.6 inches (very low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: None
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Ponderosa Pine Forest
Present native vegetation: Gambel's oak, blue grama, bottlebrush squirreltail, buckwheat, cliffrose, little bluestem, mountainmahogany, mountain muhly, pine dropseed, sideoats grama
Land capability (nonirrigated): 7s
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 2 inches; very gravelly clay loam
Bt1—2 to 6 inches; clay
Bt2—6 to 18 inches; clay
R—18 inches; shale

Minor Components

Cinnadale and similar soils
Composition: About 10 percent
Slope: 2 to 15 percent
Depth to restrictive feature: 10 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Ponderosa Pine Forest

Fortwingate and similar soils
Composition: About 10 percent
Slope: 2 to 15 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Ponderosa Pine Forest

Rauster and similar soils
Composition: About 5 percent
Slope: 2 to 15 percent
Depth to restrictive feature: 40 to 60 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Ponderosa Pine Forest

419—Fortwingate-Cinnadale-Rock outcrop complex, 5 to 45 percent slopes

Map Unit Setting

MLRA: 39
Elevation: 7,200 to 8,200 feet (2,195 to 2,499 meters)
Mean annual precipitation: 16 to 20 inches (406 to 508 millimeters)
Average annual air temperature: 40 to 45 degrees F (4 to 7 degrees C)
Frost-free period: 90 to 110 days

Map Unit Composition

Fortwingate and similar soils: 35 percent
Cinnadale and similar soils: 30 percent
Rock outcrop: 20 percent
Minor components: 15 percent

Component Descriptions

Fortwingate soils

Geomorphic position: Sideslopes on hills, ridges, hogbacks and escarpments on cuestas
Parent material: Slope alluvium over residuum derived from sandstone and shale
Slope: 5 to 45 percent
Surface fragments: About 45 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 3.8 inches (low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Very high
Calcium carbonate maximum: None

Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

550—Bryway-Galzuni loams, 1 to 8 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,800 to 7,600 feet (2,073 to 2,316 meters)
Mean annual precipitation: 13 to 16 inches (330 to 406 millimeters)
Average annual air temperature: 46 to 49 degrees F (8 to 9 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Bryway and similar soils: 50 percent
Galzuni and similar soils: 35 percent
Minor components: 15 percent

Component Descriptions

Bryway soils

Geomorphic position: Sideslopes on hills, dipslopes on cuestas, and summits on mesas
Parent material: Slope alluvium over residuum derived from shale and sandstone
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 4.8 inches (low)
Shrink-swell potential: About 7.5 LEP (high)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 0 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: Gambel's oak, Indian ricegrass, banana yucca, big sagebrush, blue grama, bottlebrush squirreltail, broom snakeweed, buckwheat, mountainmahogany, muttongrass, oneseed juniper, pingue hymenoxys, prairie junegrass, twoneedle pinyon, western wheatgrass
Land capability (irrigated): 4e
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4C

Typical Profile:
E—0 to 2 inches; loam
Bt—2 to 6 inches; clay loam
Btk—6 to 32 inches; clay
2Cr—32 inches; shale

Galzuni soils

Geomorphic position: Sideslopes on hills, dipslopes on cuestas, and summits on mesas
Parent material: Eolian material and slope alluvium derived from shale and sandstone
Slope: 1 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 9.6 inches (high)
Shrink-swell potential: About 4.5 LEP (moderate)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 2 SAR (slightly sodic)
Ecological site: Clayey
Present native vegetation: western wheatgrass, needleandthread, winterfat, Indian ricegrass, big sagebrush, blue grama, bottlebrush squirreltail, galleta, pingue hymenoxys, rabbitbrush, spineless horsebrush
Land capability (irrigated): 4e
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4C

Typical Profile:
A—0 to 2 inches; loam
Bt1—2 to 4 inches; clay
Bt2—4 to 23 inches; clay
Btk—23 to 32 inches; clay loam
Bk1—32 to 52 inches; sandy clay
Bk2—52 to 65 inches; sandy clay loam

Minor Components

Highdye and similar soils
Composition: About 6 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)

Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

Evpark and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

Parkelei and similar soils
Composition: About 4 percent
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

555—Parkelei-Evpark fine sandy loams, 2 to 8 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,800 to 8,000 feet (2,073 to 2,438 meters)
Mean annual precipitation: 13 to 16 inches (330 to 406 millimeters)
Average annual air temperature: 46 to 49 degrees F (8 to 9 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Parkelei and similar soils: 45 percent
Evpark and similar soils: 35 percent
Minor components: 20 percent

Component Descriptions

Parkelei soils

Geomorphic position: Sideslopes on ridges, dipslopes on cuestas, and summits on mesas
Parent material: Eolian material and slope alluvium derived from sandstone and shale
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.20 in/hr (moderately slow)
Available water capacity: About 8.1 inches (moderate)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 5 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 1 SAR (slightly sodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: Gambel's oak, antelope bitterbrush, banana yucca, big sagebrush, blue grama, bottlebrush squirreltail, broom snakeweed, buckwheat, muttongrass, oneseed juniper, prairie junegrass, twoneedle pinyon, western wheatgrass
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4

Typical Profile:
A—0 to 3 inches; fine sandy loam
Bt1—3 to 12 inches; clay loam
Bt2—12 to 21 inches; sandy clay loam
Bk—21 to 65 inches; sandy loam

Evpark soils

Geomorphic position: Sideslopes and summits on ridges, dipslopes on cuestas, and summits on mesas
Parent material: Eolian material and slope alluvium derived from sandstone and shale
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Slowest permeability: About 0.20 in/hr (moderately slow)
Available water capacity: About 6.1 inches (moderate)
Shrink-swell potential: About 4.5 LEP (moderate)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: High
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 1 SAR (slightly sodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: Gambel's oak, antelope bitterbrush, banana yucca, big sagebrush, blue grama, bottlebrush squirreltail, broom snakeweed, buckwheat, muttongrass, oneseed juniper, prairie junegrass, twoneedle pinyon, western wheatgrass
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 6D

Typical Profile:
A—0 to 3 inches; fine sandy loam
Bt1—3 to 16 inches; clay loam

Bt2—16 to 20 inches; clay loam
Bt3—20 to 29 inches; sandy clay loam
Btk—29 to 35 inches; sandy clay loam
2R—35 inches; sandstone bedrock

Minor Components

Arabrab and similar soils
Composition: About 10 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

Highdye and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

Bryway and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Pinyon-Juniper Forest

560—Flugle-Teczuni complex, 1 to 5 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,800 to 7,200 feet (2,073 to 2,195 meters)
Mean annual precipitation: 13 to 14 inches (330 to 356 millimeters)
Average annual air temperature: 49 to 53 degrees F (9 to 12 degrees C)
Frost-free period: 115 to 135 days

Map Unit Composition

Flugle and similar soils: 45 percent
Teczuni and similar soils: 35 percent
Minor components: 20 percent

Component Descriptions

Flugle soils

Geomorphic position: Sideslopes on hills, fan remnants on valley sides, and dipslopes on cuestas
Parent material: Eolian material and fan and slope alluvium derived from sandstone and shale
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.60 in/hr (moderate)
Available water capacity: About 8.6 inches (moderate)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Low
Calcium carbonate maximum: About 15 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 1 SAR (slightly sodic)
Ecological site: Loamy
Present native vegetation: blue grama, bottlebrush squirreltail, western wheatgrass, Indian ricegrass, needleandthread, winterfat, fringed sagewort, broom snakeweed, oneseed juniper, rabbitbrush, spineless horsebrush, twoneedle pinyon
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4

Typical Profile:
A—0 to 3 inches; fine sandy loam
Bt—3 to 35 inches; sandy clay loam
Bk—35 to 65 inches; fine sandy loam

Teczuni soils

Geomorphic position: Sideslopes on hills, fan remnants on valley sides, and dipslopes on cuestas
Parent material: Eolian material and fan and slope alluvium derived from sandstone and shale
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.06 in/hr (slow)
Available water capacity: About 10.5 inches (high)
Shrink-swell potential: About 4.5 LEP (moderate)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: About 30 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 2 SAR (slightly sodic)
Ecological site: Loamy
Present native vegetation: blue grama, bottlebrush squirreltail, western wheatgrass, Indian ricegrass, needleandthread, winterfat, fringed sagewort,

broom snakeweed, rabbitbrush, spineless horsebrush, twoneedle pinyon
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4C

Typical Profile:
A—0 to 2 inches; loam
Bt—2 to 16 inches; clay loam
Btk—16 to 33 inches; clay loam
Bk—33 to 65 inches; clay

Minor Components

Fragua and similar soils
Composition: About 10 percent
Slope: 1 to 5 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Somewhat excessively drained
Ecological site: Sandy Slopes

Atarque and similar soils
Composition: About 5 percent
Slope: 1 to 5 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Shallow Sandstone

Celavar and similar soils
Composition: About 5 percent
Slope: 1 to 5 percent
Depth to restrictive feature: 20 to 40 inches to bedrock (lithic)
Drainage class: Well drained
Ecological site: Savannah

561—Flugle-Plumasano association, 2 to 8 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,200 to 7,200 feet (1,890 to 2,195 meters)
Mean annual precipitation: 13 to 14 inches (330 to 356 millimeters)
Average annual air temperature: 49 to 53 degrees F (9 to 12 degrees C)
Frost-free period: 115 to 135 days

Map Unit Composition

Flugle and similar soils: 50 percent
Plumasano and similar soils: 40 percent
Minor components: 10 percent

Component Descriptions

Flugle soils

Geomorphic position: Dipslopes on cuestas, sideslopes on ridges, and fan remnants on valley sides
Parent material: Eolian material and fan and slope alluvium derived from sandstone and shale
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Slowest permeability: About 0.60 in/hr (moderate)
Available water capacity: About 8.4 inches (moderate)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: About 10 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 1 SAR (slightly sodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: Indian ricegrass, antelope bitterbrush, blue grama, bottlebrush squirreltail, broom snakeweed, buckwheat, cliffrose, galleta, muttongrass, oneseed juniper, sand dropseed, spineless horsebrush, threeawn, twoneedle pinyon, yucca
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 4

Typical Profile:
A—0 to 3 inches; fine sandy loam
Bt—3 to 17 inches; sandy clay loam
Bk—17 to 65 inches; fine sandy loam

Plumasano soils

Geomorphic position: Dipslopes on cuestas, sideslopes on ridges
Parent material: Eolian material and slope alluvium derived from sandstone
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Somewhat excessively drained
Slowest permeability: About 0.60 in/hr (moderate)
Available water capacity: About 7.8 inches (moderate)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Low

Calcium carbonate maximum: About 15 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Pinyon-Juniper Forest
Present native vegetation: Bigelow's sagebrush, Indian ricegrass, antelope bitterbrush, blue grama, cliffrose, galleta, muttongrass, oneseed juniper, rabbitbrush, ring muhly, sand dropseed, sideoats grama, twoneedle pinyon, yucca
Land capability (nonirrigated): 6c
Conservation Tree/Shrub Group: 5

Typical Profile:
A—0 to 2 inches; sandy loam
Bw—2 to 11 inches; sandy loam
Bk1—11 to 27 inches; sandy loam
Bk2—27 to 43 inches; fine sandy loam
Bk3—43 to 53 inches; fine sandy loam
Bk4—53 to 65 inches; sandy clay loam

Minor Components

Royosa and similar soils
Composition: About 5 percent
Slope: 2 to 8 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Excessively drained
Ecological site: Sandy Slopes

Rizno and similar soils
Composition: About 3 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Ecological site: Shallow Sandstone

Tekapo and similar soils
Composition: About 2 percent
Slope: 2 to 8 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (paralithic)
Drainage class: Well drained
Ecological site: Shale Hills

565—Plumasano-Rock outcrop complex, 15 to 40 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,500 to 7,200 feet (1,981 to 2,195 meters)
Mean annual precipitation: 13 to 14 inches (330 to 356 millimeters)
Average annual air temperature: 49 to 53 degrees F (9 to 12 degrees C)
Frost-free period: 115 to 135 days

Map Unit Composition

Plumasano and similar soils: 65 percent
Rock outcrop: 20 percent
Minor components: 15 percent

Component Descriptions

Plumasano soils

Geomorphic position: Sideslopes on ridges and escarpments on plateaus and cuestas
Parent material: Eolian material and slope alluvium derived from sandstone
Slope: 15 to 40 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Somewhat excessively drained
Slowest permeability: About 2.00 in/hr (moderately rapid)
Available water capacity: About 6.5 inches (moderate)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: About 15 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: None
Ecological site: Sandy Slopes
Present native vegetation: blue grama, galleta, sand dropseed, Indian ricegrass, antelope bitterbrush, cliffrose, muttongrass, oneseed juniper, rabbitbrush, ring muhly, sideoats grama, twoneedle pinyon, yucca
Land capability (nonirrigated): 7e
Conservation Tree/Shrub Group: 5

Typical Profile:
A—0 to 3 inches; sandy loam
Bk1—3 to 24 inches; sandy loam
Bk2—24 to 36 inches; loamy sand
Bk3—36 to 65 inches; fine sandy loam

Rock outcrop

Rock outcrop consists of barren or nearly barren areas of exposed sandstone and shale on ridges, ledges, and escarpments.

Minor Components

Rizno and similar soils
Composition: About 5 percent

Slope: 5 to 10 percent
Depth to restrictive feature: 5 to 20 inches to bedrock (lithic)
Drainage class: Somewhat excessively drained
Ecological site: Shallow Sandstone

Teczuni and similar soils
Composition: About 5 percent
Slope: 5 to 10 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

Flugle and similar soils
Composition: About 5 percent
Slope: 5 to 10 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Loamy

566—Bamac extremely gravelly sandy loam, 5 to 50 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,200 to 6,500 feet (1,890 to 1,981 meters)
Mean annual precipitation: 13 to 14 inches (330 to 356 millimeters)
Average annual air temperature: 49 to 53 degrees F (9 to 12 degrees C)
Frost-free period: 115 to 135 days

Map Unit Composition

Bamac and similar soils: 90 percent
Minor components: 10 percent

Component Descriptions

Bamac soils

Geomorphic position: Hills and ridges
Parent material: Slope alluvium derived from sandstone and conglomerate
Slope: 5 to 50 percent
Surface fragments: About 70 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Excessively drained
Slowest permeability: About 5.95 in/hr (very rapid)
Available water capacity: About 1.6 inches (very low)
Shrink-swell potential: About 1.5 LEP (low)
Flooding hazard: None
Seasonal water table minimum depth: Greater than 6 feet
Runoff class: Medium
Calcium carbonate maximum: About 15 percent
Gypsum maximum: None
Salinity maximum: About 2 mmhos/cm (nonsaline)
Sodicity maximum: About 0 SAR (nonsodic)
Ecological site: Gravelly
Present native vegetation: sideoats grama, black grama, galleta, Indian ricegrass, New Mexico feathergrass, antelope bitterbrush, blue grama, muttongrass, Bigelow's sagebrush, Mormon tea, oneseed juniper, twoneedle pinyon
Land capability (nonirrigated): 8
Conservation Tree/Shrub Group: 10

Typical Profile:
A—0 to 2 inches; extremely gravelly sandy loam
Ck1—2 to 8 inches; gravelly sandy loam
Ck2—8 to 30 inches; extremely gravelly coarse sand
Ck3—30 to 63 inches; very cobbly coarse sand

Minor Components

Plumasano and similar soils
Composition: About 5 percent
Slope: 5 to 40 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Well drained
Ecological site: Sandy Slopes

Royosa and similar soils
Composition: About 5 percent
Slope: 5 to 10 percent
Depth to restrictive feature: None within 60 inches
Drainage class: Excessively drained
Ecological site: Sandy Plains

575—Ramah-Pescado association, 1 to 8 percent slopes

Map Unit Setting

MLRA: 36
Elevation: 6,400 to 7,000 feet (1,951 to 2,134 meters)
Mean annual precipitation: 13 to 14 inches (330 to 356 millimeters)
Average annual air temperature: 46 to 49 degrees F (8 to 9 degrees C)
Frost-free period: 100 to 135 days

Map Unit Composition

Ramah and similar soils: 45 percent
Pescado and similar soils: 35 percent
Minor components: 20 percent

Appendix C
Quality Assurance Project Plan

Final

Quality Assurance Project Plan
Fort Wingate Depot Activity

RCRA Facility Investigation for Parcel 6
Fort Wingate Depot Activity, New Mexico

Prepared for

US Army Corps of Engineers, Fort Worth District
Contract No. W9126G-08-F-0070
GSA Schedule: GS-10F-0029M

April 2010

Prepared by

CH2MHILL

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QUALITY ASSURANCE PROJECT PLAN

Fort Wingate Depot Activity

Contract No. W9126G-08-F-0070

Rev. 1

Prepared by: CH2M HILL Date: April 2010

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Acronyms and Abbreviations

AOC	area of concern
°C	degrees Celsius
CERCLA	*Comprehensive Environmental Response, Compensation, and Liability Act of 1980*
COC	chain of custody
COR	USACE Contracting Officer's Representative
DRO	diesel range organics
DMS	data management system
DoD	Department of Defense
DoD QSM	Department of Defense *Quality Systems Manual*
DQO	data quality objective
EB	equipment blank
EDD	electronic data deliverable
ELAP	Environmental Laboratory Accreditation Program
FSP	Field Sampling Plan
FTL	field team leader
FWDA	Fort Wingate Depot Activity
GRO	gasoline range organics
HSP	Health and Safety Plan
ICP	Inductively Coupled Plasma Atomic Emission Spectrometry
ID	identification number
LCS	laboratory control sample
LIMS	Laboratory Information Management System
MDL	method detection limit
µg/kg	microgram(s) per kilogram
µg/L	microgram(s) per liter
mg/kg	milligram(s) per kilogram
MQO	method quality objective
MS/MSD	matrix spike/matrix spike duplicate
NELAC	National Environmental Laboratory Accreditation Conference
NELAP	Nation National Environmental Laboratory Accreditation Program
NIST	National Institute of Standards and Technology
NMED	New Mexico Environment Department

PCB	polychlorinated biphenyls
PM	project manager
QA	quality assurance
QAM	quality assurance manager
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
QC	quality control
QSM	Quality Systems Manual
%R	percent recovery
RCRA	Resource Conservation and Recovery Act
RL	reporting limit
RPD	relative percent difference
RRO	residual range organics
SI	site investigation
SOP	standard operating procedure
TPH	total petroleum hydrocarbon
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency

SECTION 1

Project Management

1.1 Introduction

This Quality Assurance Project Plan (QAPP) was prepared by CH2M HILL on behalf of the Fort Worth District of the U.S. Army Corps of Engineers (USACE) to outline the procedures that will be implemented during the Resource Conservation and Recovery Act (RCRA) Facility Investigation at Fort Wingate Depot Activity (FWDA) near Gallup, New Mexico. The primary purpose of the RCRA Facility Investigation is to define the nature and extent of contamination at the Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) within Parcel 6. The investigation is being conducted to meet the requirements of RCRA Permit USEPA ID No. NM 6213820974 for FWDA.

1.2 Project / Task Organization

At the direction of USACE, CH2M HILL will be responsible for the RCRA Facility Investigation (RFI) Report for Parcel 6 at FWDA. The quality assurance (QA) and management responsibilities of CH2M HILL project personnel are defined below.

1.2.1 Project Manager

Mr. Jeffrey Johnston, CH2M HILL project manager (PM), has overall responsibility for all phases of the site investigation (SI). The PM is also responsible for the review and approval of technical submittals.

1.2.2 Project Chemist

Ms. Trudy Scott, CH2M HILL project chemist, is responsible for tracking data and for overseeing the data evaluation and data management tasks. Her specific responsibilities include the following:

- Approving and maintaining adherence to QA/quality control (QC) requirements specified in this QAPP
- Providing guidance regarding environmental analytical chemistry methods and QC procedures applicable to environmental analytical chemistry
- Managing project tasks associated with the coordination of sample collection and analysis with the field team leader (FTL); acting as the liaison between the FTL and laboratory
- Managing sample tracking, sample analysis, and data reporting from each laboratory
- Coordinating or performing validation of the analytical data

- Performing quality audits and surveillance, preparing QA reports, implementing QC activities, and suggesting corrective actions, as necessary.
- Evaluating data usability
- Communicating QA/QC issues to the PM and the FTL
- Recommending resolution of any anomalies that arise during the analysis of samples
- Coordinating with the FTL to facilitate data transfer into the project database
- Coordinating the output of data from the database to the data users (for example, PM and technical staff) and providing QC for data outputs

1.2.3 Field Team Leader

Mr. Jeff Gamlin, CH2M HILL's FTL, is responsible for all fieldwork performed under the SI. His specific responsibilities include the following:

- Procuring field equipment (if necessary), supplies, and subcontractors
- Developing field forms and field instructions
- Preparing the Health and Safety Plan (HSP)
- Leading the field team in SI field activities
- Coordinating field sample control and custody (that is sample management)
- Conducting SI field activities in a safe manner

1.2.4 Health and Safety Lead

Dan Young, Certified Safety Professional, is designated as CH2M HILL's Responsible Health and Safety Manager for the SI.

1.2.5 Laboratory Project Manager

The primary laboratory to perform analytical services will be CT Laboratories. The project manager at CT Laboratories will be Mr. Eric Korthals. CT Laboratories participates in the Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP) and is DoD ELAP certified for the project specified analytical methods. The following is the CT laboratories contact information:

CT Laboratories
1230 Lange Court
Baraboo, Wisconsin 53913
Phone: (608) 356-2760
Email: ekorthals@CTLaboratories.com

1.3 Problem Definition/Background Information

Four SWMUs and ten AOCs within Parcel 6 have been identified for the RCRA Facility investigation. The SWMUs and AOCs are as follows:

- SWMU 4, Building 600 Ammunition Work Shop Area, Change House and Laundry
- SWMU 8, Building 537 – Pesticide and Field Battery Shop
- SWMU 11, Building 542 Ammunition Workshop and Building 541
- SWMU 20 Western Landfill
- AOC 28 , Igloo Block B
- AOC 42, Building 516, Ammunition Receiving Building
- AOC 61, Building 507, Smokeless Powder Magazine
- AOC 75, Electrical Transformers
- AOC 78, Feature 18
- AOC 79, Feature 2
- AOC 80, Feature 9
- AOC 81, Feature 11
- AOC 83, Feature 22
- AOC 84, Feature 12

The SWMUs and AOCs will be investigated during the RFI to determine the nature and extent of explosives, metals, semi-volatile organic compounds (SVOCs), volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), pesticides, perchlorate, total petroleum hydrocarbon (TPH) gasoline range organics (GRO), TPH diesel range organics (DRO and residual range organics (RRO) in soil. Soil sampling will consist of discreet-point and multi-incremental sampling using hand auger and direct push sampling techniques. The proposed sampling scheme for each SWMU and AOC is presented in the RFI Work Plan.

1.4 Site History

The site history for each SWMU and AOC within Parcel 6 is presented in the RFI Work Plan.

1.5 Project Description and Schedule

1.5.1 Project Description

The RFI will be performed in compliance with this QAPP and the project specific RFI Work Plan. The primary goal of the RFI is to determine the nature and extent of contamination in conjunction with historical site use.

In general, field activities will include the collection of surface soil samples (0 to 6 inches below ground surface) and subsurface soil samples (1 foot to approximately 60 feet below ground surface). Multi-incremental soil samples will also be collected at some sites with collection of both surface soil samples (0 to 6 inches below ground surface) and subsurface soil samples (6 to 12 inches below ground surface). As appropriate, groundwater samples may also be collected if groundwater is encountered. Soil samples will be analyzed for constituents relevant to the historical use of the site. Sampling will be conducted as indicated in the RFI Work Plan.

1.5.2 Project Schedule

A schedule of major milestones including submittal dates is provided in Table 1-1.

TABLE 1-1
RCRA Facility Investigation Schedule

Milestone	Date
Contract Award/NTP	*May 23, 2008*
Preliminary Draft RFI Work Plan	September 26, 2008
Tribal Draft RFI Work Plan	October 25, 2008
NMED Draft RFI Work Plan	January 24, 2009
Final RFI Work Plan	April 30, 2010

1.5.3 RCRA Facility Investigation Report

The RFI Report will be prepared upon completion of the site investigation activities. Field work activities, figures, sample analyses, data assessment, data validation, and data evaluation will be contained in the RFI Report. Laboratory analytical results will be used to identify the nature and extent of contamination for a given SWMU and AOC.

1.6 Data Quality Objectives and Criteria for Measurement Data

1.6.1 Data Quality Objectives

This is a RFI for the four SWMUs and ten AOCs in Parcel 6. The primary objective is to determine whether explosives, metals, SVOCs, VOCs, pesticides, PCBs, perchlorate, TPH-GRO, and TPH-DRO/RRO have been released to the environment and the extent of those releases in Parcel 6.

This QAPP was completed to account for the full scope of the Parcel 6 investigation for all SWMUs and AOCs. The DQOs were established based on the U. S. Environmental Protection Agency's (USEPA's) *Guidance for the Data Quality Objectives Process* (USEPA, 2006). The DQOs were developed through a seven-step process, each step of which derives valuable criteria that are used to establish the final data collection design. These steps (defined as follows) are the basis for the design of the data collection plan and, as such, these DQOs specify the type, quality, and quantity of data to be collected and how the data are to be used to make the appropriate decisions for the project:

1. **State the problem.** Concisely describe the problem to be studied.
2. **Identify the decisions.** State the decisions to be made to solve the problem.
3. **Identify inputs to the decisions.** Identify information and supporting measurements needed to make the decisions and describe the source(s) of the information.
4. **Define the boundaries of the study.** Specify conditions (that is, time periods and spatial locations).
5. **Develop a decision rule.** Define the conditions by which a decision maker will select alternatives, usually specified as "if/then" statements (for example, if the average concentration in soil is less than cleanup level, then the site achieves remedial action goals).
6. **Specify tolerable limits on decision errors.** Define the limits in statistical terms.
7. **Optimize the design for obtaining data.** Evaluate the results of the previous steps and develop the most resource-efficient design for data collection.

Table 1-2 defines the basic thought process behind the sample collection objective.

1.6.2 Measurement Performance Criteria

The measurement performance criteria will be checked on several levels using the following:

- Built-in QC standards
- Senior review
- Management controls

The measurement data must abide by specific QC standards. Data that do not meet these standards will be qualified accordingly. The analytical data and the QC results will be checked by the laboratory bench chemist, the laboratory's quality assurance manager (QAM), and CH2M HILL's project chemist.

CH2M HILL staff members with relevant technical experience will review key documents that pertain to the project's quality standards. The FTL will supervise activities to confirm standard operating procedures (SOP) are being followed during field sampling activities. Section 3 describes specific QC checks and corrective action measures.

1.7 Instructions for Special Training Requirements/ Certification

Project team members with the necessary experience and technical skills will be chosen to perform the required project tasks.

The subcontractor chosen to perform laboratory analyses will meet DoD ELAP certification requirements for the requested methods. Material changes to the status of the DoD accreditation will be communicated to CH2M HILL as quickly as possible.

1.8 Instructions for Documentation and Records

1.8.1 Field Sampling Documentation

Field sampling activities will be recorded in field logbooks. Field logbook entries will be described with as enough detail as necessary so that persons going to the site may reconstruct a particular situation without relying on memory. Modifications to field sampling protocols should be documented in the field logbook. The FTL is responsible for confirming that modifications to sampling protocols are also documented.

The field logbooks will be bound field survey books or notebooks. Logbooks will be assigned to the field crew and stored in a secure location when not in use. Project-specific document numbers will identify each logbook, the title page of which will contain the following:

- Name of the person to whom the logbook is assigned
- Logbook number
- Project name
- Project start date
- Project end date

TABLE 1-2
DQO Summary
RCRA Facility Investigation and Release Assessment

Location	Step 1: Statement of Problem	Step 2: Identify the Decision	Step 3: Inputs to Decisions	Step 4: Study Boundaries	Step 5: Decision Rules	Step 6: Limits of Decision Errors	Step 7: Optimize the Sampling Design
Parcel 6, Fort Wingate Depot Activity	The extent of explosives, metals, SVOCs, VOCs, pesticides, PCB, perchlorate, TPH-GRO, and TPH-DRO/RRO releases due to historical activities at the sites is not defined.	Determine extent of explosives, metals, SVOC, VOC, pesticide, PCB, perchlorate, TPH-GRO, and TPH-DRO/RRO contamination in surface and subsurface soil. Do concentrations, if present, exceed screening action levels?	Analytical results from surface soil or concrete samples collected. NMED residential soil screening objectives as defined by the *NMED Technical Background Document for Development of Soil Screening Levels* (August 2009) Data to determine if the soil exceeds project screening objectives.	The four SWMUs and ten AOCs within Parcel 6: SWMU 4, Bldg 600, Ammunition Workshop, Change House and Laundry SWMU 8, Building 537, Pesticide and Field Battery Shop SWMU 11, Buildings 541 and 542 SWMU 20 Western Landfill AOC 28, Igloo Block B AOC 42, Building 516, Ammunition Receiving Building AOC 61, Building 507, Smokeless Powder Magazine AOC 75, Electrical Transformers AOC 78, Feature 18 AOC 79, Feature 2 AOC 80, Feature 9 AOC 81, Feature 11 AOC 83, Feature 22 AOC 84, Feature 12	If the concentration in surface soil or subsurface soil is less than screening objectives, then the site contamination will be considered acceptable.	Sample locations will be biased based on site knowledge and observations. The precision, accuracy, representativeness, comparability, and completeness of the data to provide a measure of how well the established method quality objectives (MQO) were met. For this investigation, MQOs for chemical measurements are specified in the QAPP. The QAPP specifies all QA/QC objectives for sample measurement. Method reporting limits will be less than regulatory screening objectives as much as is possible using standard USEPA methods. Sample data will be reported down to the method detection limit (MDL) as evidence of a detect or non-detect. The MDL may also be used for screening objective comparison. Limits for accuracy and precision have been based on requirements of the Department of Defense Quality Assurance Manual (DoD) (QSM) .	Collect discrete-point soil samples from the SWMUs and AOCs. Discrete-point soil samples will be collected from the SWMUs for previously identified contaminants to define the extent of contamination. Samples will be analyzed for explosives, metals, SVOCs, VOCs, pesticides, PCBs, perchlorate, TPH-GRO, and TPH-DRO/RRO dependent on the historic use and previously detected releases at each SWMU. The floor drain outfalls at the AOC 28 Igloos will be sampled for metals and explosives based on the results of previous investigations at the site that indicate a release to the environment from the igloos. All other AOCs in Parcel 6 are recommended for No Further Action based on the results of previous investigations.

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At the beginning of each day's notes, the date, start time, weather, names of each sampling team member present, and the signature of the person recording notes will be documented. Measurements and samples collected will be recorded with a description of the location of the station. Photographs of the sample locations will be taken and a photo log will be created for the release assessment investigation. Equipment used to make measurements will be identified, along with the date of calibration, if applicable.

Logbook entries will be made in ink and no erasures will be allowed. If an incorrect entry is made, the information will be crossed out with a single strike mark and initialed. Blank pages will be noted as being intentionally blank.

Samples will be collected following the sampling procedures documented in the SOPs in the RFI Work Plan. Sample collection equipment will be identified, along with the time of sampling, sample description, parameters being analyzed, and number of containers used. Unique sample identification numbers (ID) will be assigned to each sample. Field duplicate samples, which will receive an entirely separate sample ID, will be noted in the field logbook.

Field personnel will provide documentation of the field sampling, field analysis, and sample chain of custody (COC). This documentation constitutes a record that allows field events to be reconstructed to aid in the data review and interpretation process. All documents, records, and information relating to the field work will be retained in the project file.

1.8.2 Data Reporting

1.8.2.1 Field Data Reporting

Information collected in the field through visual observation, manual measurement, and field instrumentation will be recorded in field logbooks. The FTL will review the data for the following:

- General completeness
- Legibility
- Use of appropriate procedures
- Whether modifications to sampling procedures are clearly stated
- Appropriate instrument calibration and maintenance records
- Reasonability of data collected
- Correctness of sample locations
- Correctness of reporting units, calculations, and interpretations

Significant concerns identified as a result of this review will be discussed with the PM and corrected if possible, and incorporated into the data evaluation process. Where appropriate, notes and calculations from the field logbooks will be processed and included as appendixes to the Release Assessment Report. Original field logs, documents, and data reductions may be kept in the project file.

1.8.2.2 Laboratory Data Reporting

Laboratory reports will consist of Level IV data packages and will include the following:

- Cover letter with the following information:
  - Title of report and laboratory unique report identification (for example, sample delivery group number)
  - Project name and site location
  - Name and location of laboratory and second-site or subcontracted laboratory
  - Client name and address
  - Statement of authenticity and official signature and title of person authorizing release of the report
- Table of contents
- Summary of samples received that correlates field sample IDs with the laboratory IDs
- Laboratory qualifier flags and definitions
- Analytical batch reference number that cross references samples to QC sample analyses
- Completed COC forms and sample receipt checklist
- Case narrative that addresses the following:
  - Sample receipt discrepancies (for example, temperature exceedances)
  - Descriptions of all non-conformances in the sample receipt, handling, preparation, analytical and reporting processes, and the corrective action taken for each occurrence
  - Identification and justification for sample dilution
- Field ID
- Date received
- Date prepared
- Date analyzed (and time of analysis if the holding time is less than or equal to 48 hours)
- Preparation and analytical methods
- Result for each analyte (dry-weight basis for soils)
- Percent solids results for soil samples
- Dilution factor (provide both diluted and undiluted results when available)
- Sample-specific reporting limit (RL) adjusted for sample size, dilution/concentration
- Sample-specific method detection limit (MDL) adjusted for sample size, dilution/concentration (when project objectives require reporting less than the RL)
- Units of measure
- Surrogate percent recoveries (%R)

- Matrix spike/matrix spike duplicate (MS/MSD) and laboratory control sample (LCS) spike concentrations, native sample results, spiked sample results, %R, and relative percent differences (RPD) between the MS and MSD results; associated QC limits must also be provided
- Method blank results
- Analytical sequence or laboratory run log that contains sufficient information to correlate samples reported in the summary results to the associated method QC information, such as initial and continuing calibration analyses
- Confirmation results
- Calibration blank results for inorganic analyses (required in hardcopy format only)
- Inductively Coupled Plasma Atomic Emission Spectrometry (ICP) interference check sample results that include true concentrations, measured concentrations, and the calculated %R of the elements included (required in hardcopy format only)
- ICP post digestion spike recoveries, if applicable (required in hardcopy format only)
- Internal standard recovery and retention time information, as applicable
- Initial calibration summary, including standard concentrations, response factors, average response factors, relative standard deviations or correlation coefficients, and calibration plots or equations, if applicable (required in hardcopy format only)
- Continuing calibration verification summary, including expected and recovered concentrations and percent differences (required in hardcopy format only)
- Any other method-specific QC sample results
- Sample preparation logs that include the following:
  - Preparation start and end times
  - Beginning and ending temperatures (for example, water baths and digestion blocks)
- Each algorithm and an example calculation for at least one sample for each matrix analyzed
- Raw data, including manual integrations.

1.8.3 Electronic Analytical Record Format

CH2M HILL will obtain electronic data deliverables (EDD) in CH2M HILL's Lab Spec 7 format as presented in Attachment A. All electronic data files shall match the final hardcopy results. CH2M HILL requires receipt of final hardcopy results with electronic files.

1.8.4 Project Record Maintenance and Storage

Project records will be stored and maintained in accordance with CH2M HILL's data management policies and Section 2.11 of this QAPP. Each project team member will be responsible for filing project information or providing it to the project assistant familiar with the project filing system. Individual team members may maintain separate files or

notebooks for individual tasks, but are to provide such materials to the project file upon completion of each task. The general project file categories are as follows:

- Correspondence
- Non-laboratory project invoices and approvals by vendor
- Original unbound reports
- Non-laboratory requests for proposals (solicitations), bids, contracts, and statements of work
- Field data
- Data evaluation and calculations
- Site reports from others
- Photographs
- Insurance documentation
- Laboratory analytical data and associated documents/memos
- Regulatory submittals, licensing, and permitting applications
- Site and reference material
- Health and safety plans
- Figures and drawings

SECTION 2

Data Generation and Acquisition

This section describes the procedures for acquiring, collecting, handling, measuring, and managing data in support of this sampling activity. It addresses the following data generation and acquisition aspects:

- Sampling process design
- Sample handling and custody requirements
- Sampling method requirements
- Laboratory analytical method requirements
- Laboratory QC requirements
- Field and laboratory instrument calibration and frequency
- Inspection and acceptance requirements for supplies and consumables
- Data acquisition requirements
- Data management
- Field and laboratory instrument and equipment testing, inspection, and maintenance requirements

2.1 Sampling Process Design

The number and location of samples for the site are discussed in the RFI Work Plan. The sampling design is a function of the medium sampled, information about the sampling site, the type of data to be collected, and how the data are to be used. The specific protocols for sampling, equipment decontamination, handling of investigation-derived wastes and field QC are discussed in the RFI Work Plan.

2.2 Sampling Method Requirements

Sampling methods are addressed in the RFI Work Plan.

2.3 Preservation and Holding Times

The sample containers, minimum sample quantities, required preservatives, and maximum holding times for the analytical parameters are shown in Table 2-1.

TABLE 2-1
Required Analytical Method, Sample Containers, Preservation, and Holding Times
RCRA Facility Investigation and Release Assessment

Analysis	Preparatory / Analytical Method	Container	Qty	Preservative	Holding Time
Explosives	SW8330B	Soil: 4-ounce, wide-mouthed glass jar with Teflon lined caps Triplicate samples needed for each MIS location	4	Cool to 4°±2°C	Soil:14 days until extraction and 40 days from extraction until analysis
	SW8330A or SW8330B	Water: 1-liter amber glass bottle with Teflon-lined cap	2		Water: 7 days until extraction and 40 days from extraction until analysis
PCBs	SW8082	Soil: 4-ounce, wide-mouthed glass jar with Teflon-lined caps	1	Cool to 4°±2°C	Soil:14 days until extraction and 40 days from extraction until analysis
		Water: 1-liter glass bottle with Teflon-lined cap	2		Water: 7 days until extraction and 40 days from extraction until analysis
Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver	SW6010B	Soil: 4-ounce glass jar	1	Soil: Cool 4°±2°C	180 days
		Water: 1-liter poly bottle	1	Water: preserved with HNO_3 to pH <2 and cool to 4°±2°C	
Mercury	SW7471A	Soil: 4-ounce glass jar	1	Soil: Cool 4°±2°C	28 days
		Water: 1-liter poly bottle	1	Water: preserved with HNO_3 to pH <2 and cool to 4°±2°C	
Organo-chlorine pesticides	SW8081A	Soil: 4-ounce, wide-mouthed glass jar with Teflon-lined caps	1	Cool to 4°±2°C	Soil:14 days until extraction and 40 days from extraction until analysis
		Water: 1-liter glass bottle with Teflon-lined cap	2		Water: 7 days until extraction and 40 days from extraction until analysis

TABLE 2-1
Required Analytical Method, Sample Containers, Preservation, and Holding Times
RCRA Facility Investigation and Release Assessment

Analysis	Preparatory / Analytical Method	Container	Qty	Preservative	Holding Time
Semivolatile Organics	SW8270C	Soil: 4-ounce, wide-mouthed glass jar with Teflon-lined caps Water: 1-liter glass bottle with Teflon-lined cap	1 2	Cool to 4°±2°C	Soil:14 days until extraction and 40 days from extraction until analysis Water: 7 days until extraction and 40 days from extraction until analysis
Perchlorate	SW6850 or SW6860	Soil: 4-ounce wide-mouthed glass jar with Teflon-lined caps Water: 80-ml sample in 100-ml glass or plastic. Filter sample though a sterile 0.2 μm filter to remove microorganisms. Pre-filtering with a 0.45 μm filter may be required.	1 2	Cool to 4°±2°C	28 days
TPH-DRO-RRO	SW8015B	Soil: 4-ounce wide-mouthed glass jar with Teflon-lined caps Water: 1-liter glass bottle with Teflon-lined cap	1 2	Cool to 4°±2°C	Soil: 14 days until extraction and 40 days from extraction until analysis Water: 7 days until extraction and 40 days from extraction until analysis
Volatile Organics and TPH-GRO	SW8260B	Soil: 3 X 60- or 125-mL glass vials with Teflon-lined caps 3 X 40- or 60-mL glass VOA vials (with stir bar for low level soil), Teflon-septum caps Encore® or Purge and Trap® or equivalent samplers	3	<u>High or low level</u> Frozen to ≤7°C or cooled to 4°C and frozen within 48 hours *(not ≤20°C)* <u>Low level soil</u> Add 5 g soil to 40- or 60-mL VOA vial prepreserved with 1 g of $NaHSO_4$/5 mL water	Soil: 48 hours if only cooled to 4°C 48 hours for Encore® or Purge and Trap® or equivalent samplers unless extruded and preserved within 48 hours 14 days for solid samples preserved by:

TABLE 2-1
Required Analytical Method, Sample Containers, Preservation, and Holding Times
RCRA Facility Investigation and Release Assessment

Analysis	Preparatory / Analytical Method	Container	Qty	Preservative	Holding Time
		Water: 3 X 40-mL glass VOA vial, Teflon-septum caps No headspace **Note:** Small bubbles may occur during shipping and handling. Samples with bubbles <6 mm in diameter (pea-sized) are acceptable.	3	<u>High level soil</u> Add 5 g soil to 40- or 60-mL VOA vial pre-preserved with 10-mL methanol Encore®, Purge and Trap® or equivalent samplers (cool to 4°C or frozen) <u>Water: No residual chlorine</u> pH $\leq$2 with H_2SO_4,a HCl, or $NaHSO_4$, Cool to 4°C <u>Residual chlorine</u> In 125-mL container add 4 drops 10% $Na_2S_2O_3$, transfer to VOA vials, pH $\leq$2 with H_2SO_{4b}, HCl, or $NaHSO_4$, 4°C	• 4°C/frozen in 48 hours • Frozen onsite • $Na_2S_2O_3$ Methanol Water: 7 days (no preservative) 14 days (preservative added)

Notes: Water analyses are listed for equipment blanks only

If only volatile organic samples are collected, a 4-ounce jar of each sample much be collected in order to perform the moisture analysis to report the results on a dry-weight basis.

°C = degrees Celsius
DRO/RRO = diesel range organics and residual range organics
g = gram(s)
GRO = gasoline range organics
HCL = hydrochloric acid
HNO_3 = nitric acid
H_2SO_4 = sulfuric acid
mL = milliliter(s)
mm = millimeter(s)
$NaHSO_4$ = sodium bisulfate
TPH = total petroleum hydrocarbon
VOA = volatile organic analyte

2.4 Sample Handling and Custody Requirements

2.4.1 Sample Handling

Sample handling protocols including sample identification, packaging, and transportation are detailed in the RFI Work Plan.

2.4.2 Sample Custody

Collecting data of known quality begins at the point of sample collection. Legally-defensible data are generated by adhering to proven evidentiary procedures. These procedures are outlined in the following sections and must be followed to preserve and ensure the integrity of samples from the time of collection through analysis. Sample custody records must be maintained both in the field and in the subcontracted laboratory. A sample is considered to be in someone's custody if it is either in his or her physical possession or view, locked up, or kept in a secured and restricted area. Until shipment, sample custody will be the responsibility of the FTL.

COC forms document sample collection and shipment to the laboratory. A COC form will be completed for each sampling cooler. The original copy will be provided to the laboratory with the sample shipping cooler, and a copy will be retained in the field documentation files. The COC form will identify the contents of each shipment and maintain the custodial integrity of the samples. COC forms will be signed and dated by the responsible sampling team personnel. The "relinquished by" box will be signed by the responsible sampling team personnel, and the date, time, and air bill number will be noted on the COC form. The laboratory will return the executed copy of the COC with the hardcopy report.

The shipping coolers containing the samples will be sealed with a custody seal any time the coolers are not in an individual's possession or view before shipping. Custody seals will be signed and dated by the responsible sampling team personnel.

At a minimum, the COC form must contain:

- Site name
- Project manager and project chemist names, telephone numbers, and fax numbers
- Unique sample identification number
- Date and time of sample collection
- Source of sample (including name, location, sample type, and matrix)
- Number of containers
- Designation of MS/MSD
- Preservative used
- Analyses required
- Name of sampler
- Custody transfer signatures and dates and times of sample transfer from the field to transporters and to the laboratories
- Bill of lading or transporter tracking number (if applicable)
- Turnaround time
- Lab name, address, and contact information
- Any special instructions

Erroneous entries on COC records will be corrected by drawing a line through the error and entering the corrected information. The person performing the correction will date and initial each change made on the COC form.

2.4.2.1 Field Custody Procedures

Field custody procedures including COC procedures are outlined the RFI Work Plan.

2.4.2.2 Laboratory Custody Procedures

Once the samples reach the laboratory, they will be checked against information on the COC form for anomalies. The condition, temperature, and appropriate preservation of samples will be checked and documented on a sample receipt form. Checking an aliquot of the sample using pH paper is an acceptable procedure (the pH paper should not be inserted into the sample container to avoid contamination of the sample). The occurrence of any anomalies in the received samples and their resolution will be documented in laboratory records. Sample information will then be entered into a tracking system, and unique analytical sample identifiers will be assigned. A copy of this information will be reviewed by the laboratory for accuracy. Sample holding time tracking begins with the collection of samples and continues until the analysis is complete. Laboratory analyses will be documented on the COC form. Procedures ensuring internal laboratory COC will also be implemented and documented by the laboratory. Ideally, sample custody will be maintained using an internal custody system that requires samples to be kept in a secured and restricted area when not in use and to be checked out and checked back in by the analysts who use the samples. Internal custody records must be maintained by the laboratory as part of the documentation file for each sample. Specific instructions concerning the analysis specified for each sample will be communicated to the analysts. Analytical batches will be created, and laboratory QC samples will be introduced into each batch.

Samples stored in the laboratory will be stored in limited-access, temperature-controlled areas. Refrigerators, coolers, and freezers will be monitored for temperature 7 days a week. The acceptance criterion for the temperatures of the refrigerators and coolers is 4± 2°C. The acceptance criterion for the temperatures of the freezers will be less than 0°C. All of the cold-storage areas will be monitored by thermometers that have been calibrated with a National Institute of Standards and Technology (NIST)-traceable thermometer. As indicated by the findings of the calibration, correction factors will be applied to each thermometer. Records that include acceptance criteria will be maintained. Samples for volatile organics determination will be stored separately from other samples, standards, and sample extracts. Samples will be stored after analysis until disposed of in accordance with applicable local, state, and federal regulations. Disposal records will be maintained by the laboratory.

Along with sample receipt documentation, the following information will be documented on Sample Receipt Forms by the sample custodian and provided to the CH2M HILL project chemist within 24 hours of receipt of samples:

- Date samples received
- CH2M HILL sample identification number
- Laboratory sample identification number

- Analytical tests requested for the sample batch
- Sample matrix
- Number of samples in the batch
- Container description and location in the laboratory
- Verification of sample preservation

SOPs describing sample control and custody will be maintained by the laboratory.

2.4.2.3 Laboratory Sample Receipt

Upon sample receipt, the laboratory sample custodian will verify package seals, open the coolers, check temperature blanks (and record temperatures), verify sample integrity, and inspect contents against COC forms. The laboratory project manager will be contacted to resolve any discrepancies between sample containers and COC forms. Once the shipment and COC form are in agreement, the sample custodian will release the samples for analysis. Ideally, the laboratory will use an internal COC form to track samples in the laboratory. The laboratory will provide a sample acknowledgement letter or email. The cooler temperature and sample preservation will be verified and documented. If the cooler temperature is outside of the criterion (4±2°C) upon receipt, or any other discrepancies are identified, the laboratory will contact the project chemist, who will determine the proper course of action.

Samples will be logged into the Laboratory Information Management System (LIMS), which assigns a unique laboratory number to each sample. The LIMS will be used by all laboratory personnel handling samples, to ensure all sample information is captured. Analyses required will be specified by codes assigned to samples at log-in. Labels containing the laboratory sample number will be generated and placed on sample bottles.

2.4.2.4 Laboratory Sample Storage

After the samples are labeled, they will be moved to refrigerators where they will be maintained at 4°C. Access to the laboratory will be limited by either locked doors or front desk sign in.

When samples are required, laboratory staff will sign and date the appropriate internal COC forms if used by the laboratory.

Sample extracts will be stored in designated secure, refrigerated storage areas. Samples and sample extracts will be maintained in secure storage until disposal. No samples or extracts will be disposed of without prior written approval from an appropriate member of the project team. The sample custodian will note the sample disposal date in the sample ledger. The laboratory will dispose of samples in accordance with applicable regulations.

2.4.2.5 Laboratory Logbooks

Workbooks, bench sheets, instrument logbooks, and instrument printouts will be maintained so the history of samples through the analytical process can be traced and to document important aspects of the work, including associated QC. As such, all logbooks, bench sheets, instrument logs, and instrument printouts will be part of the laboratory's permanent record. Relevant information will be entered into the LIMS at the time information is generated.

Each page or entry will be dated and initialed by the analyst at the time of entry. Entry errors will be crossed out in indelible ink with a single stroke, corrected without obliterating or writing directly over the erroneous entry, and initialed and dated by the individual making the correction. Unused pages of logbooks will be completed by lining out unused portions that are then initialed.

The analyst will record information regarding the sample, the analytical procedures performed, and the results on laboratory forms, and enter this information in LIMS. These notes will be dated, and identify the analyst, instruments used, and instrument conditions.

Sufficient raw data records must be retained to permit reconstruction of initial instrument calibrations: calibration date, test method, instrument, analysis date, each constituent name, concentrations and responses, calibration curves, response factors, or unique equations or coefficients used to reduce instrument responses into concentrations.

2.4.2.6 Laboratory Project File

Documentation will be placed in a single, secured project file, maintained by the laboratory project manager. This file will consist of the following components, all filed chronologically:

- Agreements
- Correspondence
- Memorandums
- Notes and data

Reports (including QA reports) will be filed with correspondence. Analytical laboratory documentation and field data will be filed with notes and data. Filed materials may only be removed by authorized personnel on a temporary basis. Laboratories will retain project files and data packages for at least 5 years unless otherwise specified.

2.4.2.7 Laboratory Computer Tape and Hard Copy Storage

Laboratory electronic files will be maintained on CD-ROM or DVD for minimum of 5 years. Hard copy data packages (including chromatograms) will be maintained in files for 5 years. The computer file and hard copy storage should include notation of instrument run files and calibration.

2.5 Analytical Method Requirements

Samples will be analyzed in accordance with this QAPP, Department of Defense *Quality Systems Manual* (DoD QSM, 2009), and the specified USEPA method.

Soil results will be reported on a dry weight basis. Units will be micrograms per liter (µg/L) and micrograms per kilogram (µg/kg) for organic analyses of water and soil respectively and milligrams per kilogram (mg/kg) for metals analysis of soil samples. The analytical results will be delivered within the timeframe specified in the laboratory statement of work.

Appendix B specifies the target constituents laboratory specific MDL and the laboratory specific RL by method and matrix. Appendix B also contains accuracy and precision objectives for each constituent. The accuracy and precision objectives were derived from the

DoD QSM as required by the project Statement of Work. Appendix C was developed in conjunction with the laboratory.

Appendix B also defines the project-specific screening levels based upon New Mexico Environment Department (NMED) soil screening levels. The table shows that the MDL and RL for each listed target analyte will meet the project specific screening level. If the MDL is below the screening level, the RL is sufficient for the DQOs. If sample specific conditions such as moisture, dilution or matrix interferences cause the final sample specific MDL to exceed the screening level objective, the MDL will be used to meet the screening level objective. In addition, other analyte-specific factors (potential use at the site, mobility, toxicity) may be considered during data evaluation on a more qualitative basis. Chemicals are being analyzed by the most commonly used and technologically advanced method approach. Explosives and metals samples will be collected for Parcel 6 in accordance with the multi-incremental sampling procedure as discussed in Appendix A of Method SW8330B. Additional samples for these methods will be collected as discrete samples.

Samples to be analyzed should be undiluted or at the lowest necessary dilution. The laboratory will contact the project chemist when dilutions are required due to matrix interference. When a target constituent's concentration exceeds the calibration range, a dilution analysis will be performed to accurately determine the constituent's concentration. The laboratory will report the undiluted/lowest dilution performed and any diluted analyses that are required.

The laboratory will use analytical SOPs to ensure that the samples submitted are accurate and analyzed precisely. The laboratory will follow the requirements in this QAPP, DoD QSM, and their analytical SOP or the USEPA method guidance when this QAPP does not specify QC criteria. Individual laboratory SOPs will be provided upon request.

2.6 Quality Control Requirements

The analytical laboratory will have a QC program to assess the reliability and validity of the analyses being performed. The purpose and creation of QC samples is discussed and summarized below. Laboratory QC checks indicate the state of control that prevailed at the time of sample analysis. QC checks that involve field samples, such as matrix, surrogate spikes, and field duplicates, also indicate the presence of matrix effects. Field-originated blanks provide a way to monitor for potential contamination to which field samples are subjected. This QAPP specifies requirements for method blanks, LCSs, surrogate spikes, and MS/MSD that the laboratory participating in the data analysis effort must follow.

A laboratory QC batch is defined as a method blank, LCS, MS/MSD, or a sample duplicate, depending on the method and 20 or fewer environmental samples of similar matrix that are extracted or analyzed together. Each preparation or analytical batch will be identified in such a way as to be able to associate environmental samples with the appropriate laboratory QC samples.

2.6.1 Quality Control Samples

2.6.1.1 Quality Control Analyses/Parameters Originated by the Laboratory

2.6.1.1.1 Method Blank

Blanks are used to monitor each preparation or analytical batch for interference and/or contamination from glassware, reagents, and other potential sources within the laboratory. A method blank is a contaminant-free matrix [laboratory reagent water for aqueous samples or Ottawa sand, sodium sulfate, or glass beads (metals) for soil samples] to which all reagents are added in the same amount or proportions as are added to the samples. It is processed through the entire sample preparation and analytical procedures along with the samples in the batch.

There will be at least one method blank per preparation or analytical batch. If a target constituent is found at a concentration that exceeds one half the reporting limit, corrective action must be performed in an attempt to identify and, if possible, eliminate the contamination source. If sufficient sample volume remains in the sample container, samples associated with the blank contamination should be re-prepared and re-analyzed after the contamination source has been eliminated.

2.6.1.1.2 Laboratory Control Sample

The LCS will consist of an contaminant-free matrix such as laboratory reagent water for aqueous samples or Ottawa sand, sodium sulfate, or glass beads (metals) for soil samples spiked with known amounts of constituents that come from a source different than that used for calibration standards. Target constituents specified in the QAPP will be spiked into the LCS. The spike levels will be less than or equal to the midpoint of the calibration range. If LCS results are outside the specified control limits, corrective action must be taken, including sample re-preparation and re-analysis, if appropriate. If more than one LCS is analyzed in a preparation or analytical batch, the results for each LCS must be reported. Any LCS recovery outside QC limits affects the accuracy for the entire batch and requires corrective action.

2.6.1.1.3 Matrix Spike/Matrix Spike Duplicate

A sample matrix fortified with known quantities of specific compounds is called a matrix spike. It is subjected to the same preparation and analytical procedures as the native sample. For this project, all target constituents specified in the QAPP will be spiked into the sample matrix spike recoveries are used to evaluate the effect of the sample matrix on the recovery of the analytes of interest. An MSD is a second fortified sample matrix. The RPD between the results of the duplicate matrix spikes measures the precision of sample results.

Only project-specific samples designated on the COC form will be spiked. The spike levels will be less than or equal to the midpoint of the calibration range. MS/MSD pairs will be collected at a frequency of 5 percent. MS/MSDs are required in every analytical batch regardless of the rate of collection and how samples are received at the laboratory.

2.6.1.2 Quality Control Analyses Originated by the Field Team

Field QC samples will be collected to determine the accuracy and precision of the analytical results. The QC sample frequencies are stated in the following subsections.

2.6.1.2.2 Equipment Blank

Equipment blanks (EB) will be collected to monitor the cleanliness of sampling equipment and the effectiveness of decontamination procedures. Contamination from the sampling equipment can bias the analytical results high or lead to false positive results being reported. EBs will be prepared by filling sample containers with laboratory-grade contaminant-free water that has been passed through a decontaminated or unused disposable sampling device. The required QC limits for EB concentrations are to be less than the method's reporting limit. EBs will be collected at a frequency of approximately 5 percent based on the professional judgment of the field team leader and conditions as presented in the field. Samples associated with EBs that have detected target constituents will be assessed. The usability of the associated analytical data will be documented and affected data will be appropriately qualified.

2.6.1.2.3 Field Duplicate

Field duplicates are collected in the field from a single aliquot of the sample to determine the precision and accuracy of the field team's sampling procedures. Field duplicates will be collected and analyzed at a frequency of 10 percent.

2.6.1.2.3 Trip Blank

Trip blanks are used to monitor for contamination during sample shipping and handling, and for cross-contamination through volatile component migration among the collected samples. They are prepared in the laboratory by pouring organic-free water into a volatile component sample container. They are then sealed, transported to the field, stay sealed while volatile component samples are taken, and transported back to the laboratory in the same cooler as the volatile component samples. One trip blank should accompany each volatile component sample cooler.

2.6.2 Data Precision, Accuracy, Representativeness, Comparability and Completeness

Field QA/QC samples and laboratory internal QA/QC samples are collected and analyzed to assess the data's usability. The method quality objectives (MQO) presented in Appendix C are used to assess data usability. The MQOs and precision and accuracy objectives are compliant with the QSM.

2.6.2.1 Precision

The precision of laboratory analysis will be assessed by comparing the analytical results between MS/MSD. The precision of the field sampling procedures will be assessed by reviewing field duplicate sample results. The RPD will be calculated for the duplicate samples using the equation:

$$\%RPD = \{(S - D)/[(S + D)/2]\} \times 100$$

where:

S = first sample value (original value)
D = second sample value (duplicate value)

The precision criteria for the duplicate samples will be ±50 percent in soil samples and ±30 percent in water samples.

2.6.2.2 Accuracy

Accuracy of laboratory results will be assessed for compliance with the established QC criteria using the analytical results of method blanks, reagent/preparation blanks, and MS/MSD samples. Laboratory results accuracy will be assessed for compliance with the established QC criteria described in the analytical SOPs. The percent recovery (%R) of laboratory control samples will be calculated using the equation

$$\%R = (A/B) \times 100$$

where:

A = the analyte concentration determined experimentally from the laboratory control sample
B = the known amount of concentration in the sample

2.6.2.3 Completeness

The data completeness of laboratory analyses results will be assessed for compliance with the amount of data required for decision making. Complete data are data that are not rejected. Data with qualifiers such as "J" or "UJ" are deemed acceptable and can be used to make project decisions. The completeness of the analytical data is calculated using the equation

$$\%\text{Completeness} = [(\text{valid data obtained})/(\text{total data planned})] \times 100$$

The percent completeness goal for this sampling event is 90 percent.

2.6.2.4 Representativeness

Representativeness is the degree to which sampling data accurately and precisely represent site conditions, and is dependent on sampling and analytical variability and the variability of environmental media at the site. Representativeness is a qualitative "measure" of data quality.

The goal of achieving representative data in the field starts with a properly designed and executed sampling program that carefully considers the project's overall DQOs. Proper location controls and sample handling are critical to obtaining representative samples.

The goal of achieving representative data in the laboratory is measured by assessing accuracy and precision. The laboratory will provide representative data when all of the analytical systems are in control. Therefore, representativeness is a redundant DQO for laboratory systems if proper analytical procedures are followed and holding times are met.

In addition, laboratories must demonstrate that the staff is qualified to perform the analyses, certified, and proficient in the analytical methods being employed.

2.6.2.5 Comparability

Comparability is the degree of confidence to which one data set can be compared to another. Comparability is a qualitative "measure" of data quality.

The goal of achieving comparable data in the field starts with a properly designed and executed sampling program that carefully considers the project's overall DQOs. Proper location controls and sample handling are critical to obtaining comparable samples.

The goal of achieving comparable data in the laboratory is measured by assessing accuracy and precision. The laboratory will provide comparable data when all of the analytical systems are in control. Therefore, comparability is a redundant DQO for laboratory systems if proper analytical procedures are followed and holding times are met.

2.6.2.6 Sensitivity

Sensitivity is the ability of the method or instrument to detect the contaminant of concern and other target compounds at the level of interest. Appropriate sampling and analytical methods were selected that have QC acceptance limits that support the achievement of established performance criteria. Assessment of analytical sensitivity will require thorough data validation.

2.7 Instrument/Equipment Testing, Inspection, and Maintenance Requirements

2.7.1 Field Instrument Maintenance

Maintenance of field equipment will be conducted as necessary. Equipment maintenance procedures will be followed in general accordance with manufacturer specifications. Major repairs of field equipment will not be attempted by field staff. Equipment will be shipped to the manufacturer or equipment vendor if repairs are required.

Prior to any measurement activities, field equipment will be decontaminated as outlined in the RFI Work Plan. Field equipment also will be decontaminated between sampling locations.

2.7.2 Laboratory Equipment/Instruments

Only qualified personnel will service instruments and equipment. Repairs, adjustments, and calibrations will be documented in the appropriate logbook or data sheet.

2.7.2.1 Instrument Maintenance

Preventive maintenance of laboratory equipment will follow guidelines recommended by the manufacturer. A malfunctioning instrument will be repaired by in-house staff or through a service call to the manufacturer.

The laboratory will maintain a sufficient supply of spare parts for its instruments to minimize downtime. Whenever possible, backup instrumentation will be on hand.

Whenever practical, analytical equipment should be maintained under a service contract. Such contracts allow for preventative system maintenance and repair on an "as-needed" basis. The laboratory should have sufficiently trained staff to allow for the day-to-day maintenance of equipment. All laboratory instruments will be maintained in accordance with manufacturer's specifications and within the requirements of the laboratory quality assurance manual.

Maintenance activities must be documented in the logbooks.

2.7.2.2 Equipment Monitoring

Operation of balances, ovens, refrigerators, and water purification systems will be checked daily and documented. Discrepancies will be reported immediately to the appropriate laboratory personnel for resolution.

Specific laboratory preventative maintenance procedures are found in the laboratory's internal laboratory quality assurance manual.

2.8 Instrument Calibration and Frequency

2.8.1 Laboratory Instruments

Laboratory instruments will be calibrated by qualified personnel before sample analysis according to the procedures specified in each method, analytical SOPs, and as noted below. Calibration will be verified at method-specified intervals throughout the analysis sequence. The frequency and acceptance criteria for calibration are specified for each analytical method, with supplemental requirements defined below for organic methodologies. When multipoint calibration is specified, the concentrations of the calibration standards should bracket those expected in the samples. Samples will be diluted, if necessary, to bring constituent responses to within the calibration range. Data that exceed the calibration range cannot be reported by the laboratory. The initial calibration curve will be verified as accurate with a standard that is purchased or prepared from an independent second source. The initial calibration verification involves the analysis of a standard containing all the target constituents, typically in the middle of the calibration range, each time the initial calibration is performed. Quantification based on extrapolation is not acceptable. Designated laboratory personnel performing QC activities will maintain and file records of calibration, repairs, or replacement. These records will be filed where the work is performed and subject to a QA audit.

Standards used in equipment must be traceable, directly or indirectly, to the NIST. All standards received will be logged into standard receipt logs maintained by the individual analytical groups. Each group will maintain a standards log that tracks the preparation of standards used for calibration and QC purposes.

2.8.2 Calibration Techniques

Calibration will be performed in accordance with DOD QSM and the requested methods. The summaries of calibration requirements are included in the MQO tables in Appendix C.

Periodic verification of the initial calibration is essential in generating analytical data of known quality. The continuing calibration verification analyses will ensure that the instrument has not been adversely affected by the sample matrix or other instrument failures that would increase or decrease the sensitivity or accuracy of the method. The laboratory will perform continuing calibration for all methods according to the specific requirements in the DoD QSM, the requested methods, and MQOs listed in Appendix C.

2.9 Inspection/Acceptance Requirements for Supplies and Consumables

The required services must meet the task scope, specified levels of quality, and the submittal schedule. Project contractors or vendors should have contractual arrangements with their material suppliers.

2.10 Data Acquisition Requirements for Non-Direct Measurements

This subsection describes the identity of the types of data needed for project implementation and decision making not obtained from direct measurements.

The project objectives are first identified, to assess what types of information are needed to implement a project plan to meet the objectives stated in Section 1. Typically, the data needed to achieve project objectives include site maps, sampling location selection and sample identifiers, laboratory method selection and detection limit verification, analytical parameter lists and critical values, field measurement lists, and a project schedule. This information is included in this QAPP.

The sampling design and rationale of the SI activities were determined in the DQO workshop and were based upon recommendations from the preliminary assessment, previously collected data, and the USACE Statement of Work. Site maps and other site characterization data were used in the selection of sample locations.

2.11 Data Management

Data management entails storing, handling, accessing, and securing data collected during the project. Data gathered during this project will be consolidated and compiled into a project database that can be used to support project data reporting. The following sections describe the project's data management process and associated project staff responsibilities.

2.11.1 Team Organization and Responsibilities

The following is an overview of the team roles and responsibilities for the data management process:

- **Project Manager—**ensures that the project team follows the RFI Work Plan such that the team properly collects, documents, and implements the plan to ensure that all data collected are properly managed.
- **Project Chemist—**oversees the sample tracking, data management process that includes upload into the database, data verification, data validation, data conversion for other applications, and the preparation and review of required data tables.
- **Field Team Leader—**manages and archives all field information in the project files.

2.11.2 Sample Tracking

The project chemist is responsible for tracking samples and deliverables to ensure that the analytical results for all samples sent for analysis are received. The FTL will send the project chemist the COCs to initiate the sample tracking process.

2.11.3 Data Types

Activities performed at the site will involve accessing a number of different types of data collected or retained for various uses. The following provides a general description of the overall contents of the project files/database.

Data will be added to the project database as available. The data will include new data collected in the field and laboratory and reviewed by CH2M HILL. The data will be reviewed using CH2M HILL's internal data validation and data management systems and retained in the project database for export to the other applications.

CH2M HILL will maintain a tracking system for each COC/laboratory sample delivery group collected. The data will be tracked from collection through completion and review of the data verification process.

2.11.4.1 Electronic Data Deliverables

EDDs will be submitted from the laboratory in the specified format in Appendix B.

2.11.4.2 Hard Copy

All raw analytical laboratory data are stored as the original hard copy by the laboratory. Hard copy information includes COC forms, analytical bench sheets, instrument printouts and chromatograms, certificates of analyses, and QA/QC report summaries.

2.11.4.3 Data Input Procedures

Sampling information, analytical results, applicable QA/QC data, data validation qualifiers, and other field-related information will be applied to the electronic data using CH2M HILL's data validation system.

2.11.4 EDD Verification and Automated Data Review

Before the laboratory analytical data is entered into the database, the laboratory EDD must be processed through a QC tool that is provided by CH2M HILL. The EDD verification application includes several automated diagnostic checks to verify format and content compliance with EDD specifications. The analytical laboratory must use the EDD verification tool to check the format and content compliance of its EDD files, and correct any errors prior to transmitting the EDD. The laboratory must forward the checked (and corrected as necessary) EDD and hard copy of the data to the project chemist, who will ensure that the EDD verification process and loading occurs.

The EDD must be checked again (by CH2M HILL) using the EDD verification tool to verify correct format and content. If errors are found, the file will be returned to the laboratory for correction and re-submittal. Even if the formatting of the EDD is completely correct, the data loader may reject the EDD if the contents of the file do not comply with the data library standardization requirements.

These checks must be conducted to ensure the consistency, completeness, and validity of EDD content before data validation. The objective of applying the EDD verification application is to ensure that the verification/validation process is carried out on consistently high-quality data, and to minimize the chance of finding data errors later in the validation process and avoid re-work.

At import, the data are checked against a list of valid values. Once all error messages are resolved, validation can begin. A semi-automated mode of data validation will be performed. Flagging criteria will be based on this QAPP.

2.11.5 Evidence File

The final evidence file will be the central repository for all documents that constitute evidence relevant to sampling and analysis activities. The CH2M HILL PM will be the custodian of the evidence file and maintain the contents of the evidence files for the project, including relevant records, reports, logs, field notebooks, pictures, contractor reports, and data reviews in a secured area with limited access.

CH2M HILL will keep all records until project completion and closeout.

2.11.6 Presentation of Site Characterization Data

Depending on the data user needs, data presentation may consist of any of the following formats:

- Tabulated results of data summaries or raw data
- Figures showing concentration isopleths or location-specific concentrations
- Tables providing statistical evaluation or calculation results

Other physical data may also be collected during field efforts, such as soil types. This information may be stored in a project database.

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SECTION 3

Assessment and Oversight

3.1 Assessments and Response Actions

Field and laboratory assessments will be performed to assess technical and procedural compliance with this QAPP. Performance and system audits will be paramount to document compliance. The audits will be conducted for the following purposes:

- Confirm that appropriate documents are properly completed and kept current and orderly
- Ensure measurement systems are accurate
- Identify nonconformance or deficiencies and to initiate necessary corrective actions
- Verify that field and laboratory QA procedures called for in this QAPP are properly followed and executed

The project chemist and the laboratory QAM will be responsible for ensuring conformance with this QAPP and internal laboratory analytical SOPs. The FTL will be responsible for ensuring conformance with field activities SOPs as specified in the RFI Work Plan. Activities selected for audit will be evaluated against specified requirements, and the audit will include an evaluation of the method, procedures, and instructions. Documents and records will be examined as necessary to evaluate whether the QA program is effective and properly implemented.

Reports and recommendations must be prepared on all audits and submitted to the QAM for retention in the project files.

3.1.1 Field Audits

3.1.1.1 Planned Audits

Planning, scheduling, and conducting QA audits and surveillance are to verify that site activities are being performed efficiently in conformance with approved plans, standards, federal and state regulatory requirements, sound scientific practices, and contractual requirements. Planned and scheduled audits may be performed to verify compliance with aspects of the QA program and to evaluate its effectiveness. Audits include the following:

- Objective examination of work areas, activities, and processes
- Review of documents and records
- Interviews with project personnel
- Review of plans and standards

At the discretion of the FTL, an internal review of the sampling program will be conducted during the investigation. This review will pay particular attention to the sampling program

with respect to representativeness, comparability, and completeness of the specific measurement parameters involved.

The FTL or a designee will review field documentation (COC forms, field daily sheets, and logbooks) as it is generated for accuracy, completeness, and compliance with the RFI Work Plan and QAPP requirements. The FTL may audit field sampling procedures for compliance with QAPP procedures. The auditor may check that the following are performed:

- Sampling protocols are followed
- Samples are placed in proper containers
- Samples are stored and transported properly
- Field documentation is completed

3.1.1.2 Field Corrective Action

Any project team member may initiate a field corrective action process. The process consists of identifying a problem, acting to eliminate it, monitoring the effectiveness of the corrective action, verifying that the problem has been eliminated, and documenting the corrective action.

Corrective actions include correcting COC forms, addressing problems associated with sample collection, packaging, shipping, field record keeping, or additional training in sampling and analysis. Additional approaches may include re-sampling, or evaluating and amending sampling procedures. The FTL will summarize the problem, establish possible causes, and designate the person responsible for a corrective action. The FTL will verify that the initial action has been taken and appears effective, and follow up to verify that the problem has been resolved.

Technical staff and project personnel will be responsible for reporting suspected technical or QA non-conformances or suspected deficiencies by reporting the situation to the FTL. The FTL will be responsible for assessing suspected problems in consultation with the PM and make a decision based on the situation's potential to impact data quality. If it is determined that the situation warrants a reportable nonconformance requiring corrective action, the FTL will initiate a nonconformance report.

The FTL will be responsible for ensuring that corrective actions for non-conformances are initiated by the following:

- Evaluating all reported non-conformances
- Controlling additional work on non-conforming items
- Determining the disposition or action to be taken
- Maintaining a log of non-conformances
- Reviewing non-conformance reports and corrective actions taken
- Ensuring that non-conformance reports are included in the final documentation in the project files

3.1.2 Laboratory Audits

3.1.2.1 Internal Audits

The laboratory QAM may conduct internal system audits, which are qualitative evaluations of all components of the laboratory QC measurement system. The audit serves to determine whether all measurement systems are used appropriately. The system audits are conducted to evaluate the following:

- Sample handling procedures
- Calibration procedures
- Analytical procedures
- QC results
- Safety procedures
- Record keeping procedures
- Timeliness of analysis and reporting

Laboratories also are subject to external audits, which focus on assessing general laboratory practices and conformance to this QAPP. Laboratory audits may be performed before the start of analyses and at any time during the course of the project as deemed necessary.

The laboratory QAM will review internal laboratory performance. The laboratory QAM will evaluate laboratory precision and accuracy by comparing results of duplicate samples, QC samples, spikes, and blanks. The laboratory QAM or other client service individual will check the analytical data prior to distribution when a beyond-control-limit situation is encountered.

External laboratory performance reviews may be conducted based on the evaluation of results of check samples, which are analyzed as part of USEPA or state certification requirements. Performance audits may be conducted by sending "double blind" performance evaluation samples (those not discernable from routine field samples) to the analytical laboratory.

3.1.2.2 Laboratory Corrective Action

Corrective actions may be required for two classes of problems: analytical/equipment problems and noncompliance problems. Analytical/equipment problems may occur during sampling, sample handling, sample preparation, laboratory instrumental analysis, or data review.

A corrective action program will be determined and implemented if appropriate when a noncompliance problem is identified. The person identifying the problem will be responsible for notifying the proper project member. If the problem is analytical in nature, information on the problem will be communicated to the laboratory QAM and the project chemist, who will in turn direct information to proper project members.

Corrective actions will be required whenever an actual or potential out-of-control event is noted. The specific investigative action taken will depend on the analysis and the event in question. Laboratory personnel are alerted that corrective action may be necessary if any of the following occur:

- QC data are outside the warning or acceptable windows for precision and accuracy
- Blanks contain target analytes above acceptable levels
- Undesirable trends are detected in spike recoveries or RPD between duplicates
- Unusual changes in detection limits occur
- Inquiries concerning data quality are received
- Deficiencies are detected by the laboratory QAM during internal or external audits or from results of performance evaluation samples

Corrective action procedures in the laboratory are often handled at the bench level by the analyst, who reviews preparation or extraction procedures for possible errors, and checks instrument calibrations, spike and calibration mixes, and instrument sensitivity. If problems persist or cannot be identified, matters are referred to the laboratory supervisor, laboratory project manager, or laboratory QAM for further investigation. The laboratory project manager is to contact CH2M HILL's project chemist to discuss any corrective action needed. The project chemist is responsible for notifying the PM of any corrective action needed. Once resolved, full documentation of corrective action procedures is filed with the laboratory QAM after approval by the PM or the project chemist. Corrective action may include the following:

- Re-sampling and analyzing
- Evaluating and amending sampling procedures
- Evaluating and amending analytical procedures
- Accepting data and acknowledging the level of uncertainty
- Re-analyzing the samples, if sample or extract volume is adequate and holding time criteria permit

If re-sampling is deemed necessary because of laboratory problems, the project chemist and the PM together must identify the appropriate course of action to be taken, including potential cost recovery from the laboratory for the additional sampling effort.

3.2 Reports to Management

Audit reports may be submitted to the PM in accordance with this QAPP. After sample results have been received from the laboratory, and evaluated, reduced, and tabulated, a data evaluation report will be generated and submitted to USACE as part of the SI report.

SECTION 4

Data Verification, Review, Validation, and Usability

4.1 Data Verification, Review, and Validation

Data review, verification, and validation are the processes by which data generated in support of a project are reviewed against the data QA/QC requirements. The data are evaluated for precision and accuracy against the analytical protocol requirements. Non-conformances or deficiencies that could affect the precision or accuracy of the reported result are identified and noted. The effect on the result is then considered when assessing whether the result is sufficient to achieve DQOs.

Deficiencies discovered as a result of data verification, review and/or validation, as well as corrective actions implemented in response, will be documented and submitted in the form of a written report. QC criteria defined in the QAPP, DOD QSM, and specified methods will be used as guidance for data validation. The flagging criteria in Appendix D will be used as guidance. The qualifier flags are defined in Table 4-1.

The analytical results of the data collection effort will be verified by CH2M HILL. Four levels of data assessment are described below. Data verification and data review will be performed by the project chemist or other program team members. Data evaluation will be performed by the USACE chemist and data validation will be performed by the CH2M HILL project chemist with USACE approval.

Data Verification	Verification that the data packages are complete, correct, consistent, and compliant with the data package requirements
Data Review	Verification that samples were analyzed for the methods requested, review of the laboratory case narrative for events in the laboratory that affect the accuracy or precision of the data, review of summary QC indicator data and a “reasonableness” review of the data
Data Evaluation	Performed by a USACE chemist and intended to ensure that the project DQOs are met
Data Validation	Validation of the analytical data, including review of the analytical raw data

TABLE 4-1
Data Validation Flags
RCRA Facility Investigation and Release Assessment

Flag	Interpretation
R	The sample results are rejected because of serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the constituent cannot be verified.
NJ	The analysis indicates the presence of a constituent that has been tentatively identified and the associated numerical value represents its approximate concentration.
UJ	The constituent was not detected above the reported sample quantification limit. However, the reported quantification limit is approximate and may or may not represent the actual limit of quantification necessary to accurately and precisely measure the constituent in the sample.
U	The constituent was analyzed for but was not detected above the reported sample quantification limit.
J	The constituent was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
Note: Flags are listed in order of severity, from most severe (R) to least severe (J).	

4.2 Data Verification and Data Review Procedures

Personnel involved in data validation will be independent of any data generation effort. The project chemist will be responsible for the oversight of data verification, review, and validation. Data verification and review will be carried out when the data packages are received from the laboratory. It will be performed on an analytical-batch basis using the summary results of calibration and laboratory QC, as well as those of the associated field samples. All of the data packages (100 percent) will undergo data verification and data review. The following items will be addressed in the data verification and data review:

- A review of the data set narrative to identify any issues that the lab reported in the data deliverable
- A check of sample integrity (sample collection, preservation, and holding times)
- An evaluation of basic QC measurements used to assess the accuracy, precision and representativeness of data, including QC blanks, LCSs, MS/MSDS, surrogate recovery when applicable, and field or laboratory duplicate results
- A review of sample results, target compound lists, and detection limits to verify that project analytical requirements are met
- Initiation of corrective actions, as necessary, based on the data review findings
- Qualification of the data using appropriate qualifier flags, as necessary, to reflect data usability limitations

Qualifier flags, if required, will be applied to the electronic sample results. If multiple flags are required for a result, the most severe flag will be applied to the electronic result. The hierarchy of flags from the most severe to the least severe will be as follows: R, NJ, UJ, U, and J.

Any significant data quality problems will be brought to the attention of the project chemist.

4.3 Data Assessment

All data generated for this project will be evaluated according to the QA acceptance criteria specified in this QAPP. Limitations on data usability will be assigned, if appropriate, as a result of the validation process described earlier.

The results of the data validation will be discussed in a separate report so that overall data quality can be verified through the precision, accuracy, representativeness, comparability, and completeness of sample results.

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SECTION 5

References

DoD QSM, 2009. *Department of Defense Quality Systems Manual For Environmental Laboratories.* Version 4.1. Department of Defense. April 2009.

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USEPA, 1999. *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review*. U.S. Environmental Protection Agency.

USEPA, 2006. *Guidance for the Data Quality Objectives Process.* EPA QA/G-4. U.S. Environmental Protection Agency.

USEPA, 2001. *Requirements for Quality Assurance Project Plans.* EPA QA/R-5. U.S. Environmental Protection Agency.

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Appendix A
CH2M HILL EDD Format

Electronic Data Deliverable Format for CH2M HILL

The electronic data deliverable (EDD) file from the laboratory will be a comma-delimited ASCII (CDA) file in the format listed below. There will be one file per hard copy report and the filename of the EDD file will be in the format REPORTID.txt or REPORTID.csv, where REPORTID is the hard copy report identifier of sample delivery group.

The first row of the EDD will contain the 47 field name values as listed in the EDD Specification Table

The EDD Specification Table lists the attributes of the columns for each row of the CDA file. The fields should be reported in the order indicated.

The **Data Type** column describes the value in the field as either text (alphanumeric), number (numeric only), date (format: mm/dd/yyyy), or time (24-hour format hh:mm). If the field is conditional or optional and there is no value to be reported, report a null (that is, no) value. For a text field, do not report a zero-length string (that is, “”).

The **Data Length** column contains the maximum length of a text value for the particular data field.

The **Rqmt** column contains a code indicating whether the value is required (R) for all rows, optional (O) for all rows, or conditional (C) and depends on the type of result reported.

Each row is uniquely identified by the values in the following fields:

- FieldID
- AnalysisMethod
- ExtractionMethod
- LeachMethod
- ParamID

If an analytical sample must be diluted or reanalyzed and reported in addition to the original analytical sample, the diluted or reanalyzed sample should have a FieldID value that is different that that of the original sample. This can be accomplished through the addition of a suffix to the original FieldID that establishes a new and unique FieldID for the associated records.

EDD Specification Table

Field Number	Field Name	Data Type	Data Length	Rqmt	Description and Comments
1	VersionCode	Text	15	R	Code identifying the version of the EDD deliverable.
2	LabName	Text	10	R	Identification code for the laboratory performing the work. This value is used to distinguish among different facilities.
3	SDG	Text	8	R	Sample delivery group designation. Always populated for all samples, including QC.
4	FieldID	Text	13	R	Client sample ID as appears on COC with optional lab-assigned suffixes and/or prefixes to make it unique. If the sample identifier on the COC and the prefix/suffix is greater than 13 characters, abbreviate the value but make it unique. For laboratory QC samples (that is, method blanks, lab control samples), use a unique lab sample identifier.
5	NativeID	Text	13	R	Client sample ID, exactly as on the COC. No prefix or suffix allowed. Used to identify the native sample from which other samples are derived (for example, QAQCType = ”LR”, “MS”, or “SD”). For laboratory QC samples (that is, method blanks, lab control samples), use a unique lab sample identifier. For lab blank spike (and blank spike duplicate) samples, use the FieldID value that was assigned to the associated method blank.
6	QAQCType	Text	2	R	This is the code for the sample type. Any field sample that is not used as lab QC and is not otherwise marked on the COC should have the designation of “N” (normal field sample). No suffix allowed (that is, do not add numbers as suffixes to the QAQCType values as is called for in the ERPIMS guidelines). Note that if all analyses for a given sample are diluted, then the first dilution should be designated as the normal sample. If more dilutions are required, then the next dilution should be designated as the first true dilution with a QAQCType value of “LR” and a LRType value of “DL” (see LRType, below).

EDD Specification Table

Field Number	Field Name	Data Type	Data Length	Rqmt	Description and Comments
7	LRType	Text	3	C	This is the code for laboratory replicate sample type. Values are: • blank (if QAQCType value is not “LR”) • “DL” (dilution) • “RE” (re-analysis) • “D” (inorganic duplicate) • “CF” (confirmation) For multiple dilutions or re-analyses of the same sample, append the replicate number after the LRType value (that is, “RE”, “RE2”, “RE3”, etc.).
8	Matrix	Text	5	R	Sample matrix code. Valid values are as follows: “AIR”, “WATER”, “SOIL”, unless otherwise provided by the project data manager and marked on the COC. The use of “liquid”, “solid”, etc., for lab QC is not allowed.
9	LabSampleID	Text	20	R	Laboratory sample ID. Prefix or suffix is allowed. This is where dilutions or re-extractions are noted. For example: “D97-11111RE” is acceptable.
10	AnalysisMethod	Text	20	R	Analysis method code. This is the identifier of the analytical method that was performed on the sample. For example: SW8260A. Generic names such as “EPA” should not be used.
11	ExtractionMethod	Text	20	R	Preparation method code. A value in this field is required. If the preparation is described in the method, use “METHOD.” If there is no separate preparation required, use “NONE”. Note that Total and Dissolved metal analyses are differentiated by the value in this column. Note that Total, TCLP, and SPLP analyses are now differentiated by the value in the LeachMethod column (see below).
12	SampleDate	Date		C	Date of sample collection. Value is required for all samples sent to the laboratory and samples derived from those samples. Format: mm/dd/yyyy
13	SampleTime	Time		C	Time of sample collection. Value is required for all samples sent to the laboratory and samples derived from those samples. 24-hour format: hh:mm

EDD Specification Table

Field Number	Field Name	Data Type	Data Length	Rqmt	Description and Comments
14	ReceiveDate	Date		C	Date of sample receipt in the lab. Value is required for all samples sent to the laboratory and samples derived from those samples. Format: mm/dd/yyyy
15	ExtractDate	Date		C	Date of sample preparation (extraction or digestion). Value is required if the ExtractionMethod field value is other than “NONE.” Format: mm/dd/yyyy
16	ExtractTime	Time		C	Time of sample preparation. Value is required if the ExtractionMethod field value is other than “NONE.” 24-hour format: hh:mm
17	AnalysisDate	Date		R	Date of sample analysis. Value is required for all records. Format: mm/dd/yyyy
18	AnalysisTime	Time		R	Time of sample analysis. Value is required for all records. 24-hour format: hh:mm
19	PercentSolids	Number		R	Percent solids within the sample. Should be zero for water samples.
20	LabLotCtlNum	Text	10	C	Identifier of an autonomous group of environmental samples and associated QC samples **prepared** together. For example, its value can be a digestion or extraction batch ID. If there is no separate extraction or preparation performed, leave this field blank.
21	CAS	Text	20	C	CAS number of analyte, if available.
22	ParamID	Text	12	R	Parameter identifier code for the parameter listed in the Analyte field.
23	Analyte	Text	60	R	Name of analyte, chemical name.
24	Result	Text	10	R	Result of the analysis. Surrogate analytes will be reported in units of percent. All others will be reported in sample concentration units. If undetected, report the adjusted MDL or adjusted RL, depending on the project. (Reported as a text field to preserve significant figures.)
25	ExpectedValue	Number		C	“100” for surrogates; “0” (zero) for blanks; spike level plus parent result for LCS, and MS/MSD; parent value for lab duplicate; etc.
26	Units	Text	10	R	Units of measure used in the analysis. Report “PERCENT” for surrogate analytes and concentration units for all others.

EDD Specification Table

Field Number	Field Name	Data Type	Data Length	Rqmt	Description and Comments
27	Dilution	Number		R	Total dilution reported in the analysis. Default value should be 1 (one). This value should reflect changes to sample preparation amounts as defined by the method (for example, less sample used for standard VOC analysis).
28	MDL	Number		C	Minimum detection limit adjusted for preparation and dilution. Note that this value may be the method detection limit or the instrument detection limit, depending on the method and the project requirements. This value is **not** adjusted for percent moisture.
29	RL	Number		C	Reporting limit adjusted for preparation and dilution. Value is **not** adjusted for percent moisture. Equivalent to PQL.
30	LabQualifier	Text	6	R	Lab qualifier for the results, as reported on the hard copy. Use "=" as first (or only) qualifier value for detected results.
31	Surrogate	Text	1	R	Is the chemical a surrogate? Report "Y" for yes or "N" for no.
32	Comments	Text	240	O	Comment field
33	ParValUncert	Text	16	C	Radiological parameter value uncertainty.
34	Recovery	Number		C	Percent recovery for MS, SD, LCS, and surrogate compounds.
35	LowerControlLimit	Number		C	Lower control limit value for spiked compounds, expressed in units of Percent. A value in this field is required if there is a value in the Recovery field (Field No. 34).
36	UpperControlLimit	Number		C	Upper control limit value for spiked compounds, expressed in units of Percent. A value in this field is required if there is a value in the Recovery field (Field No. 34).
37	Basis	Text	1	R	Weight basis for soil (or solid) sample analysis. Use "D" for dry-weight basis, "W" for wet-weight basis, or "X" if not applicable.
38	ConcQual	Text	1	R	Concentration qualifier. Use "=" for detects, "J" for estimated value (value between detection limit and reporting limit), "U" for undetected result, or "E" for exceeded result.

EDD Specification Table

Field Number	Field Name	Data Type	Data Length	Rqmt	Description and Comments
39	MDLAdjusted	Number		C	Minimum detection limit adjusted for preparation, dilution **and percent moisture**. See the description of the MDL field (Field No. 28) for an explanation of the contents of this field.
40	RLAdjusted	Number		C	Reporting limit adjusted for preparation, dilution **and percent moisture**. Equivalent to PQL.
41	SampleDescription	Text	20	C	Full sample identifier value as it appears on the COC. In some cases, this may be the name of the sampling location instead of the sample. Required for all samples that are either collected in the field and specified on the COC, or derived from samples that are collected in the field and specified on the COC.
42	LeachMethod	Text	20	R	Analytical method used for leaching the sample. This applies to TCLP, SPLP, or other leaching or pre-extraction leaching procedures. Use “NONE” if the sample was not leached.
43	LeachDate	Date		C	Date that the leaching method was performed (start date for multi-date leaching procedures). Value is required if the LeachMethod field value is other then “NONE.” Format: mm/dd/yyyy.
44	LeachTime	Time		C	Time that the leaching procedure started. Value is required if the LeachMethod field value is other then “NONE.” 24-hour format: hh:mm.
45	LeachLot	Text	20	C	Identifier of an autonomous group of environmental samples and associated QC samples **leached** at the same time. If the sample was not leached, leave this field blank.
46	AnalysisLot	Text	20	R	Identifier of an autonomous group of environmental samples and associated QC samples **analyzed** together. A value in this field is mandatory (that is, it should not be blank).
47	CalRefID	Text	20	C	Identifier of a group of environmental and QC samples linked by a common set of calibration records. All results with the same CalRefID value will have had the same initial calibration run.

Example Valid Values

The project data manager will provide the laboratory with a list of valid values that the laboratory will use in constructing the EDD. The following table lists some example valid values.

Field Name	Valid Value	Meaning
VersionCode	4.00AFCEE3	Format 4.00, AFCEE data values. LabQualifier field contains the laboratory qualifier values defined in the AFCEE QAPP, version 3.0.
VersionCode	4.00EPACLP	Format 4.00, USEPA data values. LabQualifier field contains the standard USEPA CLP lab qualifiers.
QAQCType	N	Normal, environmental sample
QAQCType	LB	Laboratory method blank
QAQCType	MS	Laboratory matrix spike sample
QAQCType	SD	Laboratory matrix spike duplicate
QAQCType	LR	Laboratory replicate (dilution, re-analysis, duplicate)
QAQCType	BS	Laboratory method blank spike
QAQCType	BD	Laboratory method blank spike duplicate
LRType	DL	First dilution sample
LRType	DL2	Second dilution sample
LRType	DL3	Third dilution sample
LRType	RE	First re-analysis/re-extraction sample
LRType	RE2	Second re-analysis/re-extraction sample
LRType	RE3	Third re-analysis/re-extraction sample
LRType	D	Inorganic duplicate sample
LRType	CF	First confirmation analysis sample
LRType	CF2	Second confirmation analysis sample
LRType	CF3	Third confirmation analysis sample
AnalysisMethod	SW8260A	Volatiles by Method 8260A in USEPA SW846.
AnalysisMethod	SW8270	Semivolatiles by Method 8270 in USEPA SW846.
AnalysisMethod	SW6010	ICP metals by Method 6010 in USEPA SW846.
AnalysisMethod	SW7060	GFAA Arsenic by Method 7060 in USEPA SW846.
ExtractionMethod	FLDFLT	Field filtration for dissolved metals analysis
ExtractionMethod	C3050	CLP-modified SW3050 acid digestion for metals analysis in soil samples.
ExtractionMethod	SW1311	TCLP extraction
ExtractionMethod	DISWAT	Distilled water extraction for analytes in soil samples.

Field Name	Valid Value	Meaning
ExtractionMethod	SW3510	Separatory funnel extraction
ExtractionMethod	SW3540	Soxhlet extraction
ExtractionMethod	TOTAL	Digestion of unfiltered waters for total metals analysis
ParamID	ACE	Acetone
ParamID	AS	Arsenic
ParamID	BHCGAMMA	gamma-BHC (Lindane)
ParamID	BZ	Benzene
ParamID	CDS	Carbon disulfide
ParamID	PB	Lead
ParamID	PHENOL	Phenol
ParamID	SE	Selenium
ParamID	TCE	Trichloroethene

Appendix B
Analytical Method Limits and Objectives

Table B-1
Comparison of Reporting Limits to Screening Objectives for Soil
RCRA Facility Investigation, Parcel 6, Fort Wingate, New Mexico

Method	Analyte	CAS Number	Units	NMED Residential Soil Screening Objectives[a]	LOQ/RL	Does the LOQ/RL Exceed Screening Objective[b]	Surrogate Spike	QSM QC Limits	RPD
Explosives									
SW8330B	1,3,5-Trinitrobenzene	99-35-4	mg/kg	2,200	0.2	No	No	75-125	50
SW8330B	1,3-Dinitrobenzene	99-65-0	mg/kg	6.1	0.13	No	No	80-125	50
SW8330B	2,4,6-Trinitrotoluene	118-96-7	mg/kg	35.9	0.24	No	No	55-140	50
SW8330B	2,4-Dinitrotoluene	121-14-2	mg/kg	12.6	0.23	No	No	80-125	50
SW8330B	2,6-Dinitrotoluene	606-20-2	mg/kg	61.2	0.2	No	No	80-120	50
SW8330B	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/kg	150	0.18	No	No	80-125	50
SW8330B	2-Nitrotoluene	88-72-2	mg/kg	2.9	0.14	No	No	80-125	50
SW8330B	3-Nitrotoluene	99-08-1	mg/kg	6.1	0.22	No	No	75-120	50
SW8330B	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/kg	150	0.25	No	No	80-125	50
SW8330B	4-Nitrotoluene	99-99-0	mg/kg	30	0.23	No	No	75-125	50
SW8330B	HMX	2691-41-0	mg/kg	3,060	0.21	No	No	75-125	50
SW8330B	Nitrobenzene	98-95-3	mg/kg	49.4	0.15	No	No	75-125	50
SW8330B	Nitroguanidine	556-88-7	mg/kg	6,100	1.3	No	No	50-150	50
SW8330B	Nitroglycerin	55-63-0	mg/kg	6.11	2	No	No	80-120	50
SW8330B	PETN	78-11-5	mg/kg	---	2.6	---	No	80-120	50
SW8330B	RDX	121-82-4	mg/kg	35.6	0.18	No	No	70-135	50
SW8330B	Tetryl	479-45-8	mg/kg	244	0.23	No	No	10-150	50
SW8330B	1,2-Dinitrobenzene	528-29-0	% Recovery	---	---	---	Yes	50-150	---
Metals									
SW6010B	Arsenic	7440-38-2	mg/kg	3.59	1.0	No	No	80-120	50
SW6010B	Barium	7440-39-3	mg/kg	15,600	0.68	No	No	80-120	50
SW6010B	Cadmium	7440-43-9	mg/kg	77.9	0.054	No	No	80-120	50
SW6010B	Chromium	7440-47-3	mg/kg	219/113,000	0.20	No	No	80-120	50
SW6010B	Lead	7439-92-1	mg/kg	400	0.32	No	No	80-120	50
SW6010B	Selenium	7782-49-2	mg/kg	391	0.43	No	No	80-120	50
SW6010B	Silver	7440-22-4	mg/kg	391	1.0	No	No	75-125	50
SW7471A	Mercury	7439-97-6	mg/kg	7.71	0.0052	No	No	80-120	50
PCBs									
SW8082	Aroclor-1016	12674-11-2	µg/kg	3,930	50	No	No	40-140	50
SW8082	Aroclor-1221	11104-28-2	µg/kg	1,420	50	No	No	---	50
SW8082	Aroclor-1232	11141-16-5	µg/kg	1,420	50	No	No	---	50
SW8082	Aroclor-1242	53469-21-9	µg/kg	1,700	50	No	No	---	50
SW8082	Aroclor-1248	12672-29-6	µg/kg	1,700	40	No	No	---	50
SW8082	Aroclor-1254	11097-69-1	µg/kg	1,120	50	No	No	---	50
SW8082	Aroclor-1260	11096-82-5	µg/kg	1,700	40	No	No	60-130	50
SW8082	2,4,5,6-TCMX	877-09-8	% Recovery	---	---	---	Yes	50-150	---
SW8082	DCBP	2051-24-3	% Recovery	---	---	---	Yes	50-150	---
VOCs									
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	µg/kg	29,200	50	No	No	75-125	30
SW8260B	1,1,1-Trichloroethane	71-55-6	µg/kg	21,800,000	50	No	No	70-135	30
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	µg/kg	7,970	50	No	No	55-130	30
SW8260B	1,1,2-Trichloroethane	79-00-5	µg/kg	17,200	65	No	No	60-125	30
SW8260B	1,1-Dichloroethane	75-34-3	µg/kg	6,290	50	No	No	75-125	30
SW8260B	1,1-Dichloroethene	75-35-4	µg/kg	618,000	55	No	No	65-135	30
SW8260B	1,1-Dichloropropene	563-58-6	µg/kg	--	50	--	No	70-135	30
SW8260B	1,2,3-Trichlorobenzene	87-61-6	µg/kg	49,000	53	No	No	60-135	30
SW8260B	1,2,3-Trichloropropane	96-18-4	µg/kg	915	50	No	No	65-130	30
SW8260B	1,2,4-Trichlorobenzene	120-82-1	µg/kg	143,000	50	No	No	65-130	30
SW8260B	1,2,4-Trimethylbenzene	95-63-6	µg/kg	62,000	50	No	No	65-135	30
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	µg/kg	194	74	No	No	40-135	30
SW8260B	1,2-Dibromoethane	106-93-4	µg/kg	574	50	No	No	70-125	30
SW8260B	1,2-Dichlorobenzene	95-50-1	µg/kg	3,010,000	50	No	No	75-120	30
SW8260B	1,2-Dichloroethane	107-06-2	µg/kg	430	50	No	No	70-135	30
SW8260B	1,2-Dichloropropane	78-87-5	µg/kg	14,700	50	No	No	70-120	30
SW8260B	1,3,5-Trimethylbenzene	108-67-8	µg/kg	780,000	50	No	No	65-135	30
SW8260B	1,3-Dichlorobenzene	541-73-1	µg/kg	32,600,000	50	No	No	70-125	30
SW8260B	1,3-Dichloropropane	142-28-9	µg/kg	16,000,000	50	No	No	75-125	30
SW8260B	1,4-Dichlorobenzene	106-46-7	µg/kg	32,100	50	No	No	70-125	30
SW8260B	112Trichloro122trifluoroethane	76-13-1	µg/kg	43,000,000	110	No	No	70-130	30
SW8260B	2,2-Dichloropropane	594-20-7	µg/kg	--	50	--	No	65-135	30
SW8260B	2-Butanone	78-93-3	µg/kg	39,600,000	500	No	No	30-160	30
SW8260B	2-Chlorotoluene	95-49-8	µg/kg	1,560,000	50	No	No	70-130	30
SW8260B	2-Hexanone	591-78-6	µg/kg	210,000	500	No	No	45-145	30
SW8260B	4-Chlorotoluene	106-43-4	µg/kg	5,500,000	50	No	No	75-125	30
SW8260B	4-Methyl-2-pentanone	108-10-1	µg/kg	--	500	--	No	45-145	30
SW8260B	Acetone	67-64-1	µg/kg	67,500,000	740	No	No	20-160	30
SW8260B	Benzene	71-43-2	µg/kg	15,500	50	No	No	75-125	30
SW8260B	Bromobenzene	108-86-1	µg/kg	300,000	50	No	No	65-120	30
SW8260B	Bromochloromethane	74-97-5	µg/kg	--	50	--	No	70-125	30
SW8260B	Bromodichloromethane	75-27-4	µg/kg	5,250	50	No	No	70-130	30
SW8260B	Bromoform	75-25-2	µg/kg	62,000	50	No	No	55-135	30
SW8260B	Bromomethane	74-83-9	µg/kg	22,300	80	No	No	30-160	30

Table B-1
Comparison of Reporting Limits to Screening Objectives for Soil
RCRA Facility Investigation, Parcel 6, Fort Wingate, New Mexico

Method	Analyte	CAS Number	Units	NMED Residential Soil Screening Objectives[a]	LOQ/RL	Does the LOQ/RL Exceed Screening Objective[b]	Surrogate Spike	QSM QC Limits	RPD
SW8260B	Carbon disulfide	75-15-0	µg/kg	1,940,000	110	No	No	45-160	30
SW8260B	Carbon tetrachloride	56-23-5	µg/kg	4,380	66	No	No	65-135	30
SW8260B	Chlorobenzene	108-90-7	µg/kg	508,000	50	No	No	75-125	30
SW8260B	Chloroethane	75-00-3	µg/kg	15,000,000	80	No	No	40-155	30
SW8260B	Chloroform	67-66-3	µg/kg	5,720	50	No	No	70-125	30
SW8260B	Chloromethane	74-87-3	µg/kg	35,600	50	No	No	50-130	30
SW8260B	cis-1,2-Dichloroethene	156-59-2	µg/kg	782,000	50	No	No	65-125	30
SW8260B	cis-1,3-Dichloropropene	10061-01-5	µg/kg	--	50	--	No	70-125	30
SW8260B	Dibromochloromethane	124-48-1	µg/kg	1,130	50	No	No	65-130	30
SW8260B	Dibromomethane	74-95-3	µg/kg	25,000	57	No	No	75-130	30
SW8260B	Dichlorodifluoromethane	75-71-8	µg/kg	481,000	50	No	No	35-135	30
SW8260B	Ethylbenzene	100-41-4	µg/kg	69,600	50	No	No	75-125	30
SW8260B	Hexachlorobutadiene	87-68-3	µg/kg	6,200	56	No	No	55-140	30
SW8260B	Iodomethane	74-88-4	µg/kg	--	50	--	No	70-130	30
SW8260B	Isopropylbenzene	98-82-8	µg/kg	3,210,000	50	No	No	75-130	30
SW8260B	m & p-Xylene	1330-20-7	µg/kg	8,290,000	100	No	No	80-125	30
SW8260B	Methyl tert-butyl ether	1634-04-4	µg/kg	86,200	50	No	No	65-125	30
SW8260B	Methylene chloride	75-09-2	µg/kg	199,000	72	No	No	55-140	30
SW8260B	n-Butylbenzene	104-51-8	µg/kg	3,400,000	50	No	No	65-140	30
SW8260B	n-Propylbenzene	103-65-1	µg/kg	3,400,000	50	No	No	65-135	30
SW8260B	Naphthalene	91-20-3	µg/kg	45,000	84	No	No	40-125	30
SW8260B	o-Xylene	95-47-6	µg/kg	9,550,000	50	No	No	75-125	30
SW8260B	p-Isopropyltoluene	99-87-6	µg/kg	--	50	--	No	75-135	30
SW8260B	sec-Butylbenzene	135-98-8	µg/kg	--	50	--	No	65-130	30
SW8260B	Styrene	100-42-5	µg/kg	8,970,000	50	No	No	75-125	30
SW8260B	tert-Butylbenzene	98-06-6	µg/kg	--	50	--	No	65-130	30
SW8260B	Tetrachloroethene	127-18-4	µg/kg	6,990	50	No	No	65-140	30
SW8260B	Toluene	108-88-3	µg/kg	5,570,000	50	No	No	70-125	30
SW8260B	trans-1,2-Dichloroethene	156-60-5	µg/kg	273,000	56	No	No	65-135	30
SW8260B	trans-1,3-Dichloropropene	10061-02-6	µg/kg	--	50	--	No	65-125	30
SW8260B	Trichloroethene	79-01-6	µg/kg	45,700	50	No	No	75-125	30
SW8260B	Trichlorofluoromethane	75-69-4	µg/kg	2,010,000	58	No	No	25-185	30
SW8260B	Vinyl Acetate	108-05-4	µg/kg	3,650,000	540	No	No	49-158	30
SW8260B	Vinyl chloride	75-01-4	µg/kg	865	50	No	No	65-125	30
SW8260B	1,2 Dichloroethane-d4	17060-07-0	% Recovery	--	---	--	Yes	79-120	--
SW8260B	Bromofluorobenzene	460-00-4	% Recovery	--	---	--	Yes	85-120	--
SW8260B	d8-Toluene	2037-26-5	% Recovery	--	---	--	Yes	85-115	--
SW8260B	Dibromofluoromethane	1868-53-7	% Recovery	--	---	--	Yes	82-119	--
SVOCs									
SW8270C	1,2,4-Trichlorobenzene	120-82-1	µg/kg	143,000	100	No	No	45-110	30
SW8270C	1,2-Dichlorobenzene	95-50-1	µg/kg	3,010,000	100	No	No	45-95	30
SW8270C	1,3-Dichlorobenzene	541-73-1	µg/kg	--	100	--	No	40-100	30
SW8270C	1,4-Dichlorobenzene	106-46-7	µg/kg	32,100	100	No	No	35-105	30
SW8270C	1,5-Dimethylnaphthalene	571-61-9	µg/kg	--	500	--	No	50-150	30
SW8270C	2,4,5-Trichlorophenol	95-95-4	µg/kg	6,010,000	349	No	No	50-110	30
SW8270C	2,4,6-Trichlorophenol	88-06-2	µg/kg	61,100	253	No	No	45-110	30
SW8270C	2,4-Dichlorophenol	120-83-2	µg/kg	183,000	311	No	No	45-110	30
SW8270C	2,4-Dimethylphenol	105-67-9	µg/kg	1,200,000	255	No	No	30-105	30
SW8270C	2,4-Dinitrophenol	51-28-5	µg/kg	122,000	705	No	No	15-130	30
SW8270C	2,4-Dinitrotoluene	121-14-2	µg/kg	12,600	100	No	No	50-115	30
SW8270C	2,6-Dichlorophenol	87-65-0	µg/kg	--	105	--	No	48-126	30
SW8270C	2,6-Dinitrotoluene	606-20-2	µg/kg	61,200	100	No	No	50-110	30
SW8270C	2-Chloronaphthalene	91-58-7	µg/kg	6,260,000	100	No	No	45-105	30
SW8270C	2-Chlorophenol	95-57-8	µg/kg	391,000	349	No	No	45-105	30
SW8270C	2-Methylnaphthalene	91-57-6	µg/kg	--	100	--	No	45-105	30
SW8270C	2-Methylphenol	95-48-7	µg/kg	--	337	--	No	40-105	30
SW8270C	2-Nitroaniline	88-74-4	µg/kg	610,000	100	No	No	45-120	30
SW8270C	2-Nitrophenol	88-75-5	µg/kg	--	395	--	No	40-110	30
SW8270C	3 & 4-Methylphenol	1319-77-3	µg/kg	--	347	--	No	40-105	30
SW8270C	3,3'-Dichlorobenzidine	91-94-1	µg/kg	8,710	928	No	No	10-130	30
SW8270C	3-Nitroaniline	99-09-2	µg/kg	--	108	--	No	25-110	30
SW8270C	4,6-Dinitro-2-methylphenol	534-52-1	µg/kg	--	500	--	No	30-135	30
SW8270C	4-Bromophenyl-phenyl ether	101-55-3	µg/kg	--	100	--	No	45-115	30
SW8270C	4-Chloro-3-methylphenol	59-50-7	µg/kg	--	303	--	No	45-115	30
SW8270C	4-Chloroaniline	106-47-8	µg/kg	--	216	--	No	35-115	30
SW8270C	4-Chlorophenyl-phenyl ether	7005-72-3	µg/kg	--	104	--	No	45-110	30
SW8270C	4-Nitroaniline	100-01-6	µg/kg	24,000	102	No	No	35-115	30
SW8270C	4-Nitrophenol	100-02-7	µg/kg	--	1100	--	No	15-140	30
SW8270C	Acenaphthene	83-32-9	µg/kg	3,440,000	100	No	No	45-110	30
SW8270C	Acenaphthylene	208-96-8	µg/kg	--	100	--	No	45-105	30
SW8270C	Acetophenone	98-86-2	µg/kg	7,820,000	107	No	No	48-126	--
SW8270C	Aniline	62-53-3	µg/kg	85,000	203	No	No	14-110	30
SW8270C	Anthracene	120-12-7	µg/kg	17,200,000	100	No	No	55-105	30
SW8270C	Azobenzene & 1,2-Diphenylhydrazine	103-33-3/122-66-7	µg/kg	5,200	108	No	No	55-115	30
SW8270C	Benzidine	92-87-5	µg/kg	17	3900	Yes	No	1-161	30
SW8270C	Benzo(a)anthracene	56-55-3	µg/kg	4,810	100	No	No	50-110	30
SW8270C	Benzo(a)pyrene	50-32-8	µg/kg	481	100	No	No	50-110	30
SW8270C	Benzo(b)fluoranthene	205-99-2	µg/kg	4,810	100	No	No	45-115	30
SW8270C	Benzo(g,h,i)perylene	191-24-2	µg/kg	--	100	--	No	40-125	30
SW8270C	Benzo(k)fluoranthene	207-08-9	µg/kg	48,100	100	No	No	45-125	30
SW8270C	Benzoic acid	65-85-0	µg/kg	240,000,000	971	No	No	0-110	30
SW8270C	Benzyl alcohol	100-51-6	µg/kg	6,100,000	261	No	No	20-125	30

Table B-1
Comparison of Reporting Limits to Screening Objectives for Soil
RCRA Facility Investigation, Parcel 6, Fort Wingate, New Mexico

Method	Analyte	CAS Number	Units	NMED Residential Soil Screening Objectives[a]	LOQ/RL	Does the LOQ/RL Exceed Screening Objective[b]	Surrogate Spike	QSM QC Limits	RPD
SW8270C	Bis(2-chloroethoxy)methane	111-91-1	µg/kg	180,000	100	No	No	45-110	30
SW8270C	Bis(2-chloroethyl)ether	111-44-4	µg/kg	2,560	100	No	No	40-105	30
SW8270C	Bis(2-chloroisopropyl)ether	108-60-1	µg/kg	91,500	100	No	No	20-115	30
SW8270C	Bis(2-ethylhexyl)phthalate	117-81-7	µg/kg	280,000	100	No	No	45-125	30
SW8270C	Butylbenzylphthalate	85-68-7	µg/kg	260,000	100	No	No	50-125	30
SW8270C	Carbazole	86-74-8	µg/kg	--	100	--	No	45-115	30
SW8270C	Chrysene	218-01-9	µg/kg	481,000	100	No	No	55-110	30
SW8270C	Di-n-butylphthalate	84-74-2	µg/kg	6,110,000	134	No	No	55-110	30
SW8270C	Di-n-octylphthalate	117-84-0	µg/kg	--	129	--	No	40-130	30
SW8270C	Dibenzo(a,h)anthracene	53-70-3	µg/kg	481	100	No	No	40-125	30
SW8270C	Dibenzofuran	132-64-9	µg/kg	78,000	124	No	No	50-105	30
SW8270C	Diethylphthalate	84-66-2	µg/kg	48,900,000	127	No	No	50-115	30
SW8270C	Dimethylphthalate	131-11-3	µg/kg	611,000,000	100	No	No	50-110	30
SW8270C	Fluoranthene	206-44-0	µg/kg	2,290,000	100	No	No	55-115	30
SW8270C	Fluorene	86-73-7	µg/kg	2,290,000	100	No	No	50-110	30
SW8270C	Hexachlorobenzene	118-74-1	µg/kg	2,450	100	No	No	45-120	30
SW8270C	Hexachlorobutadiene	87-68-3	µg/kg	50,300	102	No	No	40-115	30
SW8270C	Hexachlorocyclopentadiene	77-47-4	µg/kg	367,000	100	No	No	30-137	30
SW8270C	Hexachloroethane	67-72-1	µg/kg	61,100	100	No	No	35-110	30
SW8270C	Indeno(1,2,3-cd)pyrene	193-39-5	µg/kg	4,810	100	No	No	40-120	30
SW8270C	Isophorone	78-59-1	µg/kg	4,130,000	100	No	No	45-110	30
SW8270C	N-Nitroso-di-n-propylamine	621-64-7	µg/kg	69	101	Yes	No	40-115	30
SW8270C	N-Nitrosodimethylamine	62-75-9	µg/kg	76.9	459	Yes	No	20-115	30
SW8270C	N-Nitrosodiphenylamine & Diphn	86-30-6/122-39-4	µg/kg	800,000	200	No	No	50-115	30
SW8270C	N-Nitrosopyrrolidine	930-55-2	µg/kg	1,870	122	No	No	59-110	30
SW8270C	Naphthalene	91-20-3	µg/kg	45,000	100	No	No	40-105	30
SW8270C	Nitrobenzene	98-95-3	µg/kg	49,400	100	No	No	40-115	30
SW8270C	Pentachlorophenol	87-86-5	µg/kg	20,700	500	No	No	25-120	30
SW8270C	Phenanthrene	85-01-8	µg/kg	1,830,000	100	No	No	50-110	30
SW8270C	Phenol	108-95-2	µg/kg	18,300,000	406	No	No	40-100	30
SW8270C	Pyrene	129-00-0	µg/kg	1,720,000	100	No	No	45-125	30
SW8270C	Pyridine	110-86-1	µg/kg	--	226	--	No	16-121	30
SW8270C	Surr: 2,4,6-Tribromophenol	118-79-6	% Recovery	--	---	--	Yes	35-125	--
SW8270C	Surr: 2-Fluorobiphenyl	321-60-8	% Recovery	--	---	--	Yes	45-105	--
SW8270C	Surr: 2-Fluorophenol	367-12-4	% Recovery	--	---	--	Yes	35-105	--
SW8270C	Surr: Nitrobenzene-d5	4165-60-0	% Recovery	--	---	--	Yes	35-100	--
SW8270C	Surr: Phenol-d5	4165-62-2	% Recovery	--	---	--	Yes	40-100	--
SW8270C	Surr: Terphenyl-d14	98904-43-9	% Recovery	--	---	--	Yes	30-125	--
Organo Chlorine Pesticides									
SW8081A	4,4'-DDD	72-54-8	µg/kg	16,300	1.2	No	No	30-135	30
SW8081A	4,4'-DDE	72-55-9	µg/kg	11,500	1.1	No	No	70-125	30
SW8081A	4,4'-DDT	50-29-3	µg/kg	15,800	1.5	No	No	45-140	30
SW8081A	Aldrin	309-00-2	µg/kg	229	1.7	No	No	45-140	30
SW8081A	alpha-BHC	319-84-6	µg/kg	622	1.9	No	No	60-125	30
SW8081A	alpha-Chlordane	5103-71-9	µg/kg	--	1.1	No	No	65-120	30
SW8081A	beta-BHC	319-85-7	µg/kg	2,180	2	No	No	60-125	30
SW8081A	Chlordane (Technical)	57-74-9	µg/kg	14,600	30	No	No	50-150	30
SW8081A	delta-BHC	319-86-8	µg/kg	--	1.1	--	No	55-130	30
SW8081A	Dieldrin	60-57-1	µg/kg	245	1.2	No	No	65-125	30
SW8081A	Endosulfan I	959-98-8	µg/kg	367,000	2.2	No	No	15-135	30
SW8081A	Endosulfan II	33213-65-9	µg/kg	367,000	1.2	No	No	35-140	30
SW8081A	Endosulfan sulfate	1031-07-8	µg/kg	--	3.1	--	No	60-135	30
SW8081A	Endrin	72-20-8	µg/kg	18,300	1.4	No	No	60-135	30
SW8081A	Endrin aldehyde	7421-93-4	µg/kg	--	3.6	--	No	35-145	30
SW8081A	Endrin ketone	53494-70-5	µg/kg	--	2.8	--	No	65-135	30
SW8081A	gamma-Chlordane	5103-74-2	µg/kg	--	1.1	--	No	65-125	30
SW8081A	Heptachlor	76-44-8	µg/kg	871	1.2	No	No	50-140	30
SW8081A	Heptachlor epoxide	1024-57-3	µg/kg	53	1.7	No	No	65-130	30
SW8081A	Lindane	58-89-9	µg/kg	520	1.6	No	No	60-125	30
SW8081A	Methoxychlor	72-43-5	µg/kg	310,000	2.3	No	No	55-145	30
SW8081A	Toxaphene	8001-35-2	µg/kg	3,560	30	No	No	50-150	30
SW8081A	SURR:2,4,5,6-CL4-m-xylene	877-09-8	% Recovery	--	---	--	Yes	70-125	--
SW8081A	SURR:Decachlorobiphenyl	2051-24-3	% Recovery	--	---	--	Yes	55-130	--
Additional Methods									
SW8015B	TPH-Gasoline	--	mg/kg	--	1	--	No	--	--
SW8015B	Surr:4-bromofluorobenzene	460-00-4	% Recovery	--	--	--	Yes	--	--
SW8015B	TPH-Diesel	--	mg/kg	520	10	No	No	--	--
SW8015B	Surr: o-Terphenyl	84-15-1	% Recovery	--	--	--	Yes	--	--
SW8015B	Surr: Octacosane	630-02-4	% Recovery	--	--	--	Yes	--	--
SW6850 or SW6860	Perchlorate	14797-73-0	µg/kg	54,800	2	No	No	--	--

[a] - If there is no NMED SSL is available then the EPA Region 6 RSL is presented
[b] - Where RL exceeds the SSL, will report to the MDL
NMED - New Mexico Environmental Department
LOQ = limit of quantitation
µg/kg = microgram per kilogram
mg/kg = milligram per kilogram
MDL = method detection limit
RL = reporting limit
QSM = quality services manual
RPD = relative percent difference

Appendix C
Method Quality Control Objectives

TABLE C-1
Summary of Quality Objectives for Methods SW8330A—Explosives (Water Only), SW8081A-Oroganochlorine Pesticides, SW8082- Polychlorinated Biphenyls, and SW8015B – TPH-GRO and TPH-DRO/RRO
RCRA Facility Investigation

Quality Control Element	Description of Element	Frequency of Implementation	Acceptance Criteria	Corrective Action	Laboratory Flagging Criteria
Initial Calibration	Minimum five point curve.	Initially prior to sample analysis	Instrument Evaluation: One of the options below (except for Method 8082, which may only use Option 1 or 2): Option 1: RSD for each analyte ≤20% Option 2: linear least squares regression: r≥0.995 Option 3: non-linear regression: coefficient of determination (COD) r2≥0.99 (6 points shall be used for second order, 7 points shall be used for third order)	Correct problem and rerun. There should be no failures for an ICAL– correct and repeat is the corrective action otherwise it will be rejected.	Problem must be corrected. Samples may not be analyzed until the calibration has been verified

TABLE C-1
Summary of Quality Objectives for Methods SW8330A—Explosives (Water Only), SW8081A-Oroganochlorine Pesticides, SW8082- Polychlorinated Biphenyls, and SW8015B – TPH-GRO and TPH-DRO/RRO
RCRA Facility Investigation

Quality Control Element	Description of Element	Frequency of Implementation	Acceptance Criteria	Corrective Action	Laboratory Flagging Criteria
Method detection limit (MDL) study	At initial set-up and subsequently once per 12 month period;	MDL verification check once per quarter per instrument used	See 40 CFR 136B. MDL verification checks must produce a signal at least 3 times the instrument's noise level	Run MDL verification check at higher level and set MDL higher or re-conduct MDL study	Sample can not be analyzed without a valid MDL
Retention Time	Retention time window position established for each analyte and surrogate	Each ICAL and at the beginning of the analytical shift	Position shall be set using the midpoint standard of the calibration curve or the value in the calibration verification run at the beginning of the analytical shift (ICV). Or RT width is ±3 times standard deviation for each analyte RT from 72-hour study.	N/A	N/A
ICV	Mid-level (2nd source) verification	After initial calibration	20% for each analyte	Correct problem and repeat.	Problem must be corrected. Samples may not be analyzed until the calibration has been verified

TABLE C-1
Summary of Quality Objectives for Methods SW8330A—Explosives (Water Only), SW8081A-Oroganochlorine Pesticides, SW8082- Polychlorinated Biphenyls, and SW8015B – TPH-GRO and TPH-DRO/RRO
RCRA Facility Investigation

Quality Control Element	Description of Element	Frequency of Implementation	Acceptance Criteria	Corrective Action	Laboratory Flagging Criteria
CCV	Mid-level verification	Daily, before sample analysis and after every 10 field samples and at the end of the analysis sequence	Instrument Evaluation: %D≤20% for each analyte	Correct the problem, reanalyze CCV, if problem continues repeat initial calibration	Problem must be corrected. Samples may not be analyzed until the calibration has been verified. Apply Q-flag to all results for the specific analyte(s) in all samples since the last acceptable calibration verification, if reanalysis is not possible.
Second Column Confirmation	Second Column Confirmation (excludes toxaphene and technical chlordane in SW8081A	100% for all positive results	Calibration and QC criteria same for initial or primary analysis. Results between the primary and secondary column RPD ≤40%	NA	Apply J-flag if RPD >40% from first column result. Apply Q-flag to all results for the specific analyte(s) in the sample not confirmed.
Breakdown check (Method SW8081A)	Determine breakdown of Endrin and DDT	Daily prior to analysis of samples	Degradation ≤15% for both Endrin and DDT	N/A	N/A
Method Blank	Reagent Blank to assess method contamination	1 per sample batch	Analytes <1/2 RL. For common laboratory contaminants, no analytes detected ≥RL.	Re-prep.	Apply B to all associated positives when less than 5X blank concentration
LCS containing all analytes required to be reported, including surrogates (except SW8082)	Interference-free matrix containing all target analytes	1 per sample batch	See limits in Appendix C, Table 1	Correct problem and repeat.	If corrective action fails, apply Q-flag to the specific analyte(s) in all samples in the associated preparatory batch.

TABLE C-1
Summary of Quality Objectives for Methods SW8330A—Explosives (Water Only), SW8081A-Oroganochlorine Pesticides, SW8082- Polychlorinated Biphenyls, and SW8015B – TPH-GRO and TPH-DRO/RRO
RCRA Facility Investigation

Quality Control Element	Description of Element	Frequency of Implementation	Acceptance Criteria	Corrective Action	Laboratory Flagging Criteria
MS/MSD containing all analytes required to be reported, including surrogates (except SW8082)	Sample matrix spiked with all target analytes	1 set per sample batch	See limits in Appendix C, Table 1		For the specific analyte(s) in the parent sample, apply J-flag if acceptance criteria are not met.
Results between the MDL and RL					Apply a J-flag to all results between the MDL and RL.
Surrogates		All field and QC samples	See limits in Appendix C, Table 1	Rerun samples and/or re-extract	For the specific analyte(s) in all field samples collected from the same site matrix as the parent, apply J-flag if acceptance criteria are not met. For QC samples, apply Q-flag to specific analyte(s) in all samples in the associated preparatory batch. Apply Q-flag to all results for all associated analytes.

TABLE C-2
Summary of Quality Objectives for Method 6010B—Inductively Coupled Plasma Atomic Emission Spectrometer (ICP) – Metals
RCRA Facility Investigation

Quality Control Element	Description of Element	Frequency of Implementation	Acceptance Criteria	Corrective Action	Laboratory Flagging Criteria
Initial Calibration	Minimum one high standard and a calibration blank 3 standards and a blank	Daily prior to sample analysis	R≥0.995	Correct problem and repeat.	N/A
Method detection limit (MDL) study	At initial set-up and subsequently once per 12-month period;	MDL verification check once per quarter per instrument used	See 40 CFR 136B. MDL verification checks must produce a signal at least 3 times the instrument's noise level	Run MDL verification check at higher level and set MDL higher or reconduct MDL study	Sample can not be analyzed without a valid MDL
Low-level calibration check standard	QC/RL: Low-level check standard at RL	At the beginning of every daily sequence	Within ±20% of expected value	Correct problem and repeat.	No samples may be analyzed without a valid low-level calibration check standard.
Initial Calibration Verification (ICV)	Mid-level (2nd source) verification	After initial calibration	90–110%	Correct problem and repeat.	N/A
Initial Calibration Blank (ICB)	Interference-free matrix to assess analysis contamination	After initial calibration verification	Analytes <1/2 RL	Correct problem and repeat.	Apply B to all associated positives when less than 5X blank concentration
Continuing Calibration Blank (CCB)	Interference-free matrix to assess analysis contamination	Every 10 samples and at end of analytical sequence	Analytes < 1/2 RL	Correct problem and repeat.	Apply B to all associated positives when less than 5X blank concentration
Continuing Calibration Verification (CCV)	Mid-level verification	Every 10 samples and at end of analytical sequence	90–110%	Correct problem and repeat.	N/A

TABLE C-2
Summary of Quality Objectives for Method 6010B—Inductively Coupled Plasma Atomic Emission Spectrometer (ICP) – Metals
RCRA Facility Investigation

Quality Control Element	Description of Element	Frequency of Implementation	Acceptance Criteria	Corrective Action	Laboratory Flagging Criteria
Method Blank (MB)	Reagent Blank to assess method contamination	1 per sample batch	Analytes <1/2RL	Re-digest and repeat.	Apply B to all associated positives when less than 5X blank concentration
Laboratory Control Sample (LCS) containing all analytes required to be reported, including surrogates	Interference-free matrix containing all target analytes	1 per sample batch	See limits in Appendix C, Table 1	Correct problem and repeat	If corrective action fails apply Q-flag to specific analyte(s) in all samples in the associated preparatory batch
MS/MSD containing all analytes required to be reported, including surrogates	Sample matrix spiked with all of target analytes prior to digestion	1 per sample batch	See limits in Appendix C, Table 1		For the specific analyte(s) in the parent sample, apply J-flag if acceptance criteria are not met.
Post Digestion Spike	When dilution test fails or analyte concentration in all samples <50 x MDL	As needed to confirm matrix effect	Recovery: 75–125%		Apply J-flag to all sample results (for same matrix) for specific analyte(s) for all samples associated with the post-digestion spike addition.
Serial Dilution	5X dilution analyzed to assess matrix effect	Each preparatory batch	Agreement between undiluted and diluted results within 10%		Flag associated positives with J.
Results between the MDL and RL					Apply a J-flag to all results between the MDL and RL.

TABLE C-3
Summary of Quality Objectives for Cold Vapor Atomic Absorption (CVAA) – Mercury
RCRA Facility Investigation

Quality Control Element	Description of Element	Frequency of Implementation	Acceptance Criteria	Corrective Action	Laboratory Flagging Criteria
Initial Calibration	5 standards and blank	Daily	R ≥0.995	Correct problem and repeat.	
Method detection limit (MDL) study	At initial set-up and subsequently once per 12-month period;	MDL verification check once per quarter per instrument used	See 40 CFR 136B. MDL verification checks must produce a signal at least 3 times the instrument's noise level	Run MDL verification check at higher level and set MDL higher or reconduct MDL study	Sample can not be analyzed without a valid MDL
Low-level calibration check standard	QC/RL: Low-level check standard at RL	At the beginning of every daily sequence	Within ±20% of expected value	Correct problem and repeat.	No samples may be analyzed without a valid low-level calibration check standard.
ICV	Mid-level (2nd source) verification	After initial calibration	80–120%	Correct problem and repeat.	
ICB	Interference-free matrix to assess analysis contamination	After initial calibration	Analytes <1/2 RL	Correct problem and repeat	Apply B to all associated positives when less than 5X blank concentration
CCB	Interference-free matrix to assess analysis contamination	Every 10 samples and at end of analytical sequence	Analytes <1/2MRL	Correct problem and repeat.	Apply B to all associated positives when less than 5X blank concentration
CCV	Mid-level verification	Every 10 samples and at end of analytical sequence	80–120%	Correct problem and repeat	
MB	Reagent Blank to assess method contamination	1 per sample batch	Analytes <1/2RL	Re-prep and repeat	Apply B to all associated positives when less than 5X blank concentration

TABLE C-3
Summary of Quality Objectives for Cold Vapor Atomic Absorption (CVAA) – Mercury
RCRA Facility Investigation

Quality Control Element	Description of Element	Frequency of Implementation	Acceptance Criteria	Corrective Action	Laboratory Flagging Criteria
LCS	Interference-free matrix containing all target analytes	1 per sample batch	See limits in Appendix C, Table 1	Re-digest and repeat.	If corrective action fails apply Q-flag to specific analyte(s) in all samples in the associated preparatory batch
MS/MSD (pre-digested)	Sample matrix spiked with all of target analytes prior to digestion	1 per sample batch	See limits in Appendix C, Table 1		For the specific analyte(s) in the parent sample, apply J-flag if acceptance criteria are not met.
Recovery Test	Sample digestate spiked	When dilution test fails or when analyte concentration is <25X MDL.	Recovery: 85–115%		For positive associated results where recovery is >125% or between 50-74%, flag with J. For non-detect associated results where recovery is between 50-74%, flag UJ. All results associated with an analyte recovery <30%, flag Q.
Serial Dilution	5X dilution analyzed to assess matrix effect	Each preparatory batch	Agreement between undiluted and diluted results within 10%		Flag associated positives with J.
Results between the MDL and RL					Apply a J-flag to all results between the MDL and RL.

TABLE C-4
Summary of Quality Objectives for Method SW8260B- Volatiles and Method SW8270V – Semivolatiles
RCRA Facility Investigation

OC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Demonstrate acceptable analyst capability	Prior to using any test method and at any time there is a significant change in instrument type, personnel, or test method	QC acceptance criteria published by DoD, if available; otherwise method-specific criteria.	Recalculate results; locate and fix problem, then rerun demonstration for those analytes that did not meet criteria	NA	This is a demonstration of ability to generate acceptable accuracy and precision using four replicate analyses of a QC check sample (for example, LCS or PT sample). No analysis shall be allowed by analyst until successful demonstration of capability is complete.
MDL study	At initial set-up and subsequently once per 12-month period; otherwise quarterly MDL verification checks shall be performed	See 40 CFR 136B. MDL verification checks must produce a signal at least 3 times the instrument's noise level.	Run MDL verification check at higher level and set MDL higher or re-conduct MDL study	NA	Samples cannot be analyzed without a valid MDL.
Tuning	Prior to calibration and every 12 hours during sample analysis	Refer to method for specific ion criteria.	Retune instrument and verify. Rerun affected samples.	Flagging criteria are not appropriate	Problem must be corrected. No samples may be accepted without a valid tune.
Breakdown check (DDT Method 8270C only)	Daily prior to analysis of samples	Degradation <20% for DDT	Correct problem then repeat breakdown check	Flagging criteria are not appropriate	No samples shall be run until degradation 20%. Benzidine and pentachlorophenol should be present at their normal responses and no peak tailing should be observed.

TABLE C-4
Summary of Quality Objectives for Method SW8260B- Volatiles and Method SW8270V – Semivolatiles
RCRA Facility Investigation

OC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Minimum 5-point initial calibration for all analytes (ICAL)	Initial calibration prior to sample analysis	Method CCC and SPCC criteria must be met and one of the following options used: Option 1: Average RRF, RSD for each analyte ≤15% ; Mean RSD may NOT be used Option 2: linear least squares regression r □ 0.995 Option 3: non-linear regression - coefficient of determination (COD) r2 0.99 (6 points shall be used for second order, 7 points shall be used for third order)	Correct problem then repeat initial calibration	Flagging criteria are not appropriate.	Problem must be corrected. No samples may be run until ICAL has passed.
Second source calibration verification	Once after each initial calibration	Value of second source for all anaiytes within ±25% of expected value (initial source)	Correct problem and verify second source standard. Rerun second source verification, If that fails, correct problem and repeat initial calibration.	Flagging criteria are not appropriate.	Problem must be corrected. No samples may be run until calibration has been verified.

TABLE C-4
Summary of Quality Objectives for Method SW8260B- Volatiles and Method SW8270V – Semivolatiles
RCRA Facility Investigation

OC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Retention time window position establishment for each analyte and surrogate	Once per ICAL	Position shall be set using the midpoint standard of the initial calibration curve.	NA	NA	
Evaluation of relative retention times (RRT)	With each sample	RRT of each target analyte in each calibration standard within ±0.06 RRT units.	Correct problem, then rerun ICAL.	Flagging criteria are not appropriate.	
Calibration verification (CV)	Daily, before sample analysis, and every 12 hours of analysis time	Method CCC and SPCC criteria must be met % Difference/Drift ≤20% (Note: D = difference when using RRFs or drift when using least squares regression or non-linear calibration.)	Correct problem, then rerun CV. If that fails, repeat initial calibration.	Apply Q-flag if no sample material remains and analyte exceeds criteria.	
Internal standards verification	In all field samples and standards	Retention time ±30 seconds from retention time of the midpoint standard in the ICAL EICP area within -50% to +100% of ICAL midpoint standard	Inspect mass spectrometer and GC for malfunctions, Reanalysis of samples analyzed while system was malfunctioning is mandatory.	If corrective action fails in field samples, apply Q-flag to analytes associated with the non-compliant IS. Flagging criteria are not appropriate for failed standards.	Sample results are not acceptable without a valid IS verification.

TABLE C-4
Summary of Quality Objectives for Method SW8260B- Volatiles and Method SW8270V – Semivolatiles
RCRA Facility Investigation

OC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Method blank	One per preparatory batch	No analytes detected >½ RL. For common laboratory contaminants, no analytes detected >RL.	Correct problem. If required, re-prep and reanalyze method blank and all samples processed with the contaminated blank.	Apply B-flag to all results for the specific analyte(s) in all samples in the associated preparatory batch when less than 5X blank concentration.	
LCS containing all analytes required to be reported, including surrogates	One LCS per preparatory batch	QC acceptance criteria specified Appendix C, Table 1	Correct problem, then reprep and reanalyze the LCS and all samples in the associated preparatory batch for failed analytes, if sufficient sample material is available	If corrective action fails, apply Q-flag to specific analyte(s) in all samples in the associated preparatory batch.	
MS containing all analytes required to be reported, including surrogates	One MS per preparatory batch per matrix (see box D-15)	For matrix evaluation, use QC acceptance criteria specified in Appendix C, Table 1	Contact the client as to additional measures to be taken.	For the specific analyte(s) in the parent sample, apply J-flag if acceptance criteria are not met.	For matrix evaluation only. If MS results are outside the LCS limits, the data shall be evaluated to determine the source of difference and to determine if there is a matrix effect or analytical error.
MSD or sample duplicate	One per preparatory batch per matrix	For matrix evaluation, use QC acceptance criteria specified in Appendix C, Table 1	Examine the project-specific DQOs. Contact the client as to additional measures to be taken.	For the specific analyte(s) in the parent sample, apply J-flag if acceptance criteria are not met.	The data shall be evaluated to determine the source of difference.

TABLE C-4
Summary of Quality Objectives for Method SW8260B- Volatiles and Method SW8270V – Semivolatiles
RCRA Facility Investigation

OC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Surrogate spike	All field and QC samples	QC acceptance criteria specified Appendix C, Table 1	For QC and field samples, correct problem, then re-prep and reanalyze all failed samples for failed surrogates in the associated preparatory batch, if sufficient sample material is available.	For the specific analyte(s) in all field samples collected from the same site matrix as the parent, apply J-flag if acceptance criteria are not met. For QC samples, apply Q-flag to specific analyte(s) in all samples in the associated preparatory batch.	
Results reported between MDL and RL	NA	NA	NA	Apply J-flag to all results between MDL and RL	

TABLE C-5
Summary of Quality Objectives for Method SW6850 or SW6860 – Perchlorate
RCRA Facility Investigation

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Demonstrate acceptable analyst capability	Prior to using any test method and at any time there is a significant change in instrument type, personnel, or test method	QC acceptance criteria published by DoD, if available; otherwise method- specific criteria.	Recalculate results; locate and fix problem, then rerun demonstration for those analytes that did not meet criteria	N/A	This is a demonstration of ability to generate acceptable accuracy and precision using four replicate analyses of a QC check sample (for example, LCS or PT sample). No analysis shall be allowed by analyst until successful demonstration of capability is complete.
MDL study	At initial set-up and subsequently once per 12-month period; otherwise quarterly MDL verification checks shall be performed	See 40 CFR 136B. MDL verification checks must produce a signal at least 3 times the instrument's noise level.	Run MDL verification check at higher level and set MDL higher or re-conduct MDL study	N/A	Samples cannot be analyzed without a valid MDL.
Level of Detection (LOD) and Level of Quantitation (LOQ)	Follow the DoD Quality Systems Manual Version 4.1, section D, boxes D-13 and D-14				
Minimum 5-point initial calibration for all analytes (ICAL)	Initial calibration prior to sample analysis	r ≥ 0.995 or RSD ≤ 20%	Correct problem then repeat initial calibration,	Flagging criteria are not appropriate.	Problem must be corrected. No samples may be run until ICAL has passed. The calibration is linear and shall not be forced through the origin.

TABLE C-5
Summary of Quality Objectives for Method SW6850 or SW6860 – Perchlorate
RCRA Facility Investigation

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Second source calibration verification	Once after each initial calibration	Value of second source within ±15% of expected value	Correct problem and verify second source standard. Rerun second source verification, If that fails, correct problem and repeat initial calibration.	Flagging criteria are not appropriate.	Problem must be corrected. No samples may be run until calibration has been verified.
Calibration verification (CCV)	Analysis of mid-level standard after every 10 field samples. All samples must be bracketed by the analysis of a standard.	Within ±15% of expected value	Correct problem, rerun calibration verification. If that fails, repeat ICAL. Reanalyze all samples since the last successful calibration verification.	If reanalysis cannot be performed, data must be qualified and explained in case narrative. Apply a Q-flag to all results since the last acceptable calibration verification.	Problem must be corrected. Results may not be reported without a valid CCV. Flagging is only appropriate in cases where the samples cannot be reanalyzed.
Limit of detection verification (LODV)	Prior to sample analysis and at the end of the analysis sequence. It can be analyzed after every 10 samples in order to reduce the reanalysis rate.	Within ±30% of expected value	Correct problem; rerun the LODV and all samples since the last acceptable LODV.	If reanalysis cannot be performed, data must be qualified and explained in the case narrative. Apply Q-flag to all results since the last acceptable LODV.	Problem must be corrected. Results may not be reported without a valid LODV. Flagging is only appropriate in cases where the samples cannot be reanalyzed Perchlorate spike concentration is approximately 2 times the limit of detection.

TABLE C-5
Summary of Quality Objectives for Method SW6850 or SW6860 – Perchlorate
RCRA Facility Investigation

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Isotope ratio ^{35}Cl/^{37}CL	Every sample, batch QC, and standard.	Monitor for either the parent ion at masses 99/101 or the daughter ion at masses 83/85 depending on which ions are quantitated. Theoretical ratio ~3.06. Must fall within 2.3 to 3.8.	If criteria are not met, sample must re rerun. If the sample was not pretreated, the sample should be re-extracted using cleanup procedures. If, after cleanup, the ratio still falls, use alternative techniques to confirm presence of perchlorate (that is, a post spike or dilution to reduce interference).	Apply J-flag if acceptance criteria not met.	Document in case narrative.
Internal standard (IS)	Addition of ^{18}O-labeled perchlorate to every sample, batch QC sample, standard, instrument blank, and method blank.	Measured ^{18}O IS area within ±50% of the value from the average of the IS area counts of the ICAL. Relative retention time of the perchlorate ion must be 1.0±2% (0.98-1.02).	Rerun the sample at increasing dilutions until the ±50% acceptance criteria are met. If criteria cannot be met with dilution, interference is suspected and the sample must be reprepped sing additional pretreatment steps.	Apply Q-flag and discuss in the case narrative.	If peak is not within retention time window, presence is not confirmed. Use for quantitation and to ensure identification. Failing IS should be documented in case narrative.

TABLE C-5
Summary of Quality Objectives for Method SW6850 or SW6860 – Perchlorate
RCRA Facility Investigation

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Interference threshold study	At initial setup and when major changes occur in the method operating procedures (for example, addition of cleanup procedures, column changes, mobile phase changes).	Measure the threshold of common suppressors (chloride, sulfate, carbonate, bicarbonate) that can be present in the system without affecting the quantitation of perchlorate. The threshold is the concentration of the common suppressors where perchlorate recovery falls outside an 85-115% window.	NA	NA	
Laboratory reagent blank	Prior to calibration, after samples over ICAL range, and at the end of the analytical sequence.	No perchlorate detected >½RL.	Reanalyze reagent blank (until no carryover is observed) and all samples processed since the contaminated blank.	If re-analysis cannot be performed, apply B-flag to specific analyte(s) in all samples in the associated preparatory batch.	Flagging is only appropriate in cases where the samples cannot re-analyzed.
Tuning	Prior to ICAL and after any mass calibration or maintenance performed.	Tune standards must contain the analytes of interest and meet method acceptance criteria.	Retune instrument. If tuning does not meet criteria, an instrument mass calibration must be performed and the tuning redone.	NA	

TABLE C-5
Summary of Quality Objectives for Method SW6850 or SW6860 – Perchlorate
RCRA Facility Investigation

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Method blank	One per preparatory batch	No perchlorate detected >½RL.	Correct problem. If required, re-prep and reanalyze method blank and all samples processed with the contaminated blank	Apply B-flag to all results for perchlorate in all samples in the associated preparatory batch.	Flagging is only appropriate in cases where the samples cannot re-prepped.
LCS containing all analytes required to be reported, including surrogates	One LCS per preparatory batch	Recovery within 80-120%	Correct problem, then re-prep and reanalyze the LCS and all samples in the associated preparatory batch for failed analytes, if sufficient sample material is available	If re-analysis cannot be performed, apply Q-flag to specific analyte(s) in all samples in the associated preparatory batch.	Flagging is only appropriate in cases where the samples cannot reprepped.
MS containing all analytes required to be reported, including surrogates	One MS per preparatory batch per matrix	Recovery within 80-120%	Contact the client as to additional measures to be taken.	For the specific analyte(s) in the parent sample, apply J-flag if acceptance criteria are not met.	For matrix evaluation only. If MS results are outside the LCS limits, the data shall be evaluated to determine the source of difference and to determine if there is a matrix effect or analytical error.
MSD or sample duplicate	One per preparatory batch per matrix	MSD Recovery within 80-120% MS/MSD or laboratory duplicate: 15% RPD.	Examine the project-specific DQOs. Contact the client as to additional measures to be taken.	For the specific analyte(s) in the parent sample, apply J-flag if acceptance criteria are not met.	The data shall be evaluated to determine the source of difference.
Results reported between MDL and LOQ	Positive detections calculated per the method.	N/A	N/A	Apply J-flag to all results between MDL and LOQ.	

TABLE C-6
Summary of Quality Objectives for Method SW8330B – Explosive Soil
RCRA Facility Investigation

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Demonstrate acceptable analyst capability	Prior to using any test method and at any time there is a significant change in instrument type, personnel, or test method	QC acceptance criteria published by DoD, if available; otherwise method- specific criteria.	Recalculate results; locate and fix problem, then rerun demonstration for those analytes that did not meet criteria	N/A	This is a demonstration of ability to generate acceptable accuracy and precision using four replicate analyses of a QC check sample (for example, LCS or PT sample). No analysis shall be allowed by analyst until successful demonstration of capability is complete.
MDL study	At initial set-up and subsequently once per 12-month period; otherwise quarterly MDL verification checks shall be performed	See 40 CFR 136B. MDL verification checks must produce a signal at least 3 times the instrument's noise level.	Run MDL verification check at higher level and set MDL higher or re-conduct MDL study	N/A	Samples cannot be analyzed without a valid MDL.
Level of Detection (LOD) and Level of Quantitation (LOQ)	Follow the DoD Quality Systems Manual Version 4.1, section D, boxes D-13 and D-14				

TABLE C-6
Summary of Quality Objectives for Method SW8330B – Explosive Soil
RCRA Facility Investigation

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Soil drying Procedure	Each sample and batch LCS	Laboratory must have a procedure to determine when the sample is dry to constant weight. Record date, time, and ambient temperature on a daily basis while drying samples.	NA	NA	
Soil sieving procedure	Each sample and batch LCS	Weigh entire sample. Sieve entire sample with a 10-mesh sieve. Breakup pieces of soil with gloved hands. Do not intentionally include vegetation in the portion of the sample that passes through the sieve unless this is a project specific requirement. Collect and weigh any portion unable to pass through the sieve.	NA	NA	
Soil grinding procedure	Initial demonstration.	The laboratory must initially demonstrate that the grinding procedure is cable of reducing the particle size to <75 µm by passing representative portions of ground sample through a 200-mesh sieve (ASTM E11).	NA	NA	

TABLE C-6
Summary of Quality Objectives for Method SW8330B – Explosive Soil
RCRA Facility Investigation

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Soil grinding blank	Between each sample.	A grinding blank using clean solid matrix (such as Ottawa sand) must be prepared (for example, ground and subsamples) and analyzed in the same manner as the field sample. Grinding blanks can be analyzed individually or composited. No target analytes detected >½RL.	All blank results must be reported and the affected samples must be flagged accordingly if blank criteria are not met.	Apply a B-flag to all samples associated with the grinding blank.	
Soil subsampling process	Each sample, duplicate, and batch LCS.	Entire ground sample is mixed, spread out on a large flat surface (for example, baking tray) and 30 or more randomly located increments are removed from the entire depth to sum ~10 g subsample.	NA	NA	
Aqueous sample preparation	Each sample	Solid phase extraction using a resin-based solid phase disks or cartridges is required. The salting out procedure is not permitted.	NA	NA	

TABLE C-6
Summary of Quality Objectives for Method SW8330B – Explosive Soil
RCRA Facility Investigation

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Minimum 5-point initial calibration for all analytes (ICAL)	Initial calibration prior to sample analysis. Lowest standard must be at or below the RL.	r≥0.995 or if using internal standardization RSD ≤15%. The signal-to- noise ration of the RL must be at least 5:1.	Correct problem then repeat initial calibration,	Flagging criteria are not appropriate.	Problem must be corrected. No samples may be run until ICAL has passed. The calibration is linear and shall not be forced through the origin.
Second source calibration verification	Once after each initial calibration	Value of second source within ±20% of expected value	Correct problem and verify second source standard. Rerun second source verification, If that fails, correct problem and repeat initial calibration.	Flagging criteria are not appropriate.	Problem must be corrected. No samples may be run until calibration has been verified.
Calibration verification (CCV)	Prior to sample analysis and after every 10 field samples. All samples must be bracketed by the analysis of a standard.	Within ±20% of expected value	Correct problem, rerun calibration verification. If that fails, repeat ICAL. Reanalyze all samples since the last successful calibration verification.	If reanalysis cannot be performed, data must be qualified and explained in case narrative. Apply a Q-flag to all results since the last acceptable calibration verification.	Problem must be corrected. Results may not be reported without a valid CCV. Flagging is only appropriate in cases where the samples cannot be reanalyzed.
Method blank	One per preparatory batch	No analyte detected >½RL.	Correct problem. If required, re-prep and reanalyze method blank and all samples processed with the contaminated blank	Apply B-flag to all results for analyte in all samples in the associated preparatory batch.	Flagging is only appropriate in cases where the samples cannot re-prepped.

TABLE C-6
Summary of Quality Objectives for Method SW8330B – Explosive Soil
RCRA Facility Investigation

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
LCS containing all analytes required to be reported	One LCS per preparatory batch	A solid reference material containing all reported analytes must be prepared (for example, ground and subsamples) and analyzed in exactly the same manner as a field sample. In-house laboratory control limits must demonstrate the laboratory's ability to meet the method quality objectives.	Correct problem, then re-prep and reanalyze the LCS and all samples in the associated preparatory batch for failed analytes, if sufficient sample material is available	If re-analysis cannot be performed, apply Q-flag to specific analyte(s) in all samples in the associated preparatory batch.	Flagging is only appropriate in cases where the samples cannot re-prepped.
MS containing all analytes required to be reported, including surrogates	One MS per preparatory batch per matrix	For matrix evaluation only, therefore, is taken post grinding from the same ground sample as parent subsample taken, percent recovery must meet the LCS limits.	Contact the client as to additional measures to be taken.	For the specific analyte(s) in the parent sample, apply J-flag if acceptance criteria are not met.	For matrix evaluation only. If MS results are outside the LCS limits, the data shall be evaluated to determine the source of difference and to determine if there is a matrix effect or analytical error.
MSD or sample duplicate	One per preparatory batch per matrix	Same as MS. MS/MSD or laboratory duplicate: 20% RPD.	Examine the project-specific DQOs. Contact the client as to additional measures to be taken.	For the specific analyte(s) in the parent sample, apply J-flag if acceptance criteria are not met.	The data shall be evaluated to determine the source of difference.

TABLE C-6
Summary of Quality Objectives for Method SW8330B – Explosive Soil
RCRA Facility Investigation

QC Check	Minimum Frequency	Acceptance Criteria	Corrective Action	Flagging Criteria	Comments
Confirmation analysis	100% for all positive results	Calibration and QC criteria same for initial or primary analysis. Results between the primary and secondary column RPD ≤40%	Report from both columns	If there is a >40% RPD between the two column results, data must be J-flagged.	Second column must be capable of resolving all of the analytes of interest and must have a different retention time order relative to the primary column.
Results reported between MDL and LOQ	Positive detections calculated per the method.	N/A	N/A	Apply J-flag to all results between MDL and LOQ.	

Appendix D
Data Validation Guidance Criteria

TABLE D-1
Data Qualifying Conventions—General
RCRA Facility Investigation

QC Requirement	Criteria	Flag	Flag Applied To
Holding Time	Time exceeded for extraction or analysis	J for the detected results R or UJ for non-detected results*	All analytes in the sample
Sample Preservation	Sample not preserved (If sample preservation was not done in the field but was performed at the laboratory upon sample receipt, no flagging is required)	J detected results; R or UJ for non-detected results*	Sample
	Temperature out of control	J detected results; R or UJ for non-detected results*	Sample
Sample Integrity (SW8260)	Bubbles in VOA vial >¼ inch used for analysis	J detected results UJ for non-detected results	Sample
Instrument Tuning	Ion abundance method-specific criteria not met	R all results	All associated samples in analysis batch
Initial Calibration	All analytes must be within method specified criteria (reference Appendix D tables)	J detected results ; R non-detected results	All associated samples in analysis batch
Second Source Check or Continuing Calibration	All analytes must be within method specified criteria (reference Appendix D tables)	High Bias: J detected results, no flag for non-detected results Low Bias: J detected results, UJ non-detected results R non-detected results greater than twice the control criteria	All associated samples in analysis batch
Low Level Calibration Check or Interference Check Sample	All analytes must be within 20% of expected value	High Bias: J detected results, no flag for non-detected results Low Bias: J detected results, UJ non-detected results R non-detected results greater than twice the control criteria	All associated samples in analysis batch

TABLE D-1
Data Qualifying Conventions—General
RCRA Facility Investigation

QC Requirement	Criteria	Flag	Flag Applied To
LCS	%R>UCL %R<LCL	J detected results J detected results, R non-detected results	The specific analyte(s) in all samples in the associated preparation or analytical batch, whichever applies
Internal Standards	Area>UCL Area<LCL Sample is re-extracted AND reanalyzed AND recovery outside of criteria is confirmed as a matrix effect	J detected results, R or UJ for non-detected results* J detected results J positive results, UJ non-detected results	Sample
Surrogate Spikes	%R>UCL %R<LCL and >10% %R<10% Excessive dilution*	J detected results J detected results, UJ non-detected results J detected results, R non-detected results No flag required	Sample
Blanks (Method, Equipment or Trip)	Analyte(s) detected >½RL (use the blank of the highest concentration)	U positive sample results ≤5x highest blank concentration (10x for common lab contaminants)[1]	All samples in preparation, field or analytical batch, whichever one applies
Field duplicates	RPD > control limit and field duplicates >RLs or one field duplicate >RL, one non-detect	J detected results UJ for the non-detected results	The specific analyte(s) in all samples collected on the same sampling date. **Note:** No flagging is required for RPDs based on "J" flagged results between the MDL and RL.

[1] If the sample concentration is > MDL < RL, qualified as non-detect at the RL and flag "U". If the sample concentration is > RL, qualify as non-detect at the detected result and flag "U".

TABLE D-1
Data Qualifying Conventions—General
RCRA Facility Investigation

QC Requirement	Criteria	Flag	Flag Applied To
MS/MSD	MS or MSD %R>UCL or MS or MSD %R<LCL or MS/MSD RPD > control limit Sample concentration >4x spike concentration Excessive dilution*	J detected results J detected results and UJ non-detected results J detected results No flag required	The specific analyte(s) in the parent sample
Post-Digestion Spike	All analytes must be within 25% of expected value	High Bias: J detected results Low Bias: J detected results, UJ non-detected results	The specific analyte(s) in the parent sample
Serial Dilutions	All analytes must be within 10% of expected value	If Post Spike not analyzed High Bias: J detected results Low Bias: J detected results, UJ non-detected results	The specific analyte(s) in the parent sample
Confirmation	RPD between primary and confirmation results >40%	J detected results	Sample
Retention Time Window	Analyte within established window	R all results	Sample

* = Based on analyte-specific review

Appendix D
Investigation Derived Waste Management Plan

Final

Investigation-Derived Waste Management Plan
Parcel 6

Fort Wingate Depot Activity
McKinley County, New Mexico

24 October 2008

Contract No. GS-10F-0029M
Contract Task Order No. W9126G-08-F-0070

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FORT WINGATE DEPOT ACTIVITY
MCKINLEY COUNTY, NEW MEXICO

INVESTIGATION-DERIVED WASTE MANAGEMENT PLAN
PARCEL 6

24 October 2008

Prepared for

U.S. Army Corps of Engineers
Fort Worth District
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Acronyms

AOC	Area of Concern
BEC	BRAC Environmental Coordinator
BRAC	Base Realignment and Closure Plan
CFR	Code of Federal Regulations
DOT	Department of Transportation
FWDA	Fort Wingate Depot Activity
IDW	Investigation-Derived Waste
kg	kilogram(s)
kg/month	kilogram(s) per month
LDR	Land Disposal Restriction
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
PPE	personal protective equipment
RCRA	Resource Conservation and Recovery Act
SQG	Small Quantity Generator
SWMU	Solid Waste Management Unit
TSD	treatment, storage, and disposal
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency

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1.0 Introduction

This Investigation-Derived Waste (IDW) Management Plan provides guidance regarding general requirements for management of IDW generated during the site investigations and remedial activities at Fort Wingate Depot Activity (FWDA).

FWDA is an inactive U.S. Army depot whose former mission was to receive, store, maintain, and ship assigned materials (primarily explosives and military munitions), and to dispose of obsolete or deteriorated explosives and military munitions. The active mission of FWDA ceased and the installation closed in January 1993. FWDA has been undergoing final environmental restoration prior to property transfer/reuse.

Investigation and remediation activities will be conducted at Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) potentially impacted by past operations.

Investigations and remedial activities at FWDA will generate IDW such as: potentially contaminated soil, sediment, and groundwater; equipment decontamination fluids; disposable sampling equipment; used personal protective equipment (PPE); and general refuse. Proper management of this IDW as specified in this plan is required to ensure compliance with federal, state, and Army regulations applicable to the collection, storage, transport, and disposal of potentially hazardous materials. Required IDW management measures for FWDA investigations or remedial activities will be waste segregation, containerization and labeling, temporary storage, waste characterization, and disposal.

2.0 IDW Segregation

IDW generated at a given SWMU or AOC will be segregated from that generated at other SWMUs or AOCs. Process knowledge for the SWMU or AOC such as historical operational records, previous analytical data, and field screening results obtained during an investigation or remedial action shall be utilized when available to segregate potentially hazardous IDW from that likely to be non-hazardous. These preliminary categorizations of IDW will only be qualitative; the application of process knowledge is intended to minimize costs associated with the handling, transportation, and disposal of wastes.

IDW generated from an SWMU or AOC shall initially be segregated according to whether the material is solid or liquid. Solid IDW shall be further segregated into one of three waste types; soil and sediment; sampling equipment and PPE; or general refuse.

Soil and sediment includes material extracted during the completion of subsurface soil borings, trenches, and other excavations; soil cuttings from the installation of groundwater monitoring wells; and excess soil and sediment sample media collected with hand tools or machinery. Sampling equipment includes disposable soil coring devices, monitoring well bailers, and bailer rope or twine in direct contact with sample media. PPE includes disposable gloves, coveralls, and respirator cartridges worn by field personnel. General refuse includes waste paper, boxes, miscellaneous containers, etc.

Liquid IDW shall be further segregated into one of two waste types, groundwater or decontamination fluids. Groundwater includes monitoring well development and pre-sample purge water. Decontamination fluids include muddy water, detergents, rinse water, and laboratory-grade solvents used to decontaminate non-disposable sampling equipment and PPE.

3.0 IDW Containerization and Labeling

Soil and sediment IDW will be placed in open-head drums or roll-off containers. Used, non-decontaminated sampling equipment and PPE will be disposed of in polyethylene trash bags which will be placed in removable-head drums. Liquid IDW shall be placed in open-head drums or portable tanks. All drums and tanks shall conform to United Nations Performance-Oriented Packaging standards and Department of Transportation (DOT) specifications in 49 Code of Federal Regulations (CFR) 178. General refuse and decontaminated sampling equipment and PPE shall be placed in polyethylene trash bags or other suitable containers.

A label reading “Caution: This Drum/Container May Contain Hazardous Material” or similar will be affixed to each container containing IDW.

Each drum, roll-off, or portable tank containing IDW will be labeled with a unique 10-character identifier: The first two characters are "FW," the second two are the SWMU or AOC number, 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:

FW04264801 is:

FW	Fort Wingate Depot Activity
04	SWMU 4 (Building 600)
264	25 April
8	2008
01	Container 01

The label shall also indicate the contents (for example, soil, sediment, sampling equipment, PPE, groundwater, decontamination fluids), source (for example, soil or sediment sample numbers, soil boring numbers, monitoring well numbers), and the date on which filling is completed (such as, the 90-day start date).

4.0 Temporary Storage

Small IDW containers such as drums and tanks will be transported to and accumulated at a 90-day holding area within 3 days of the date that project activities are completed. Bulk IDW containers such as roll-off containers will be covered and secured at their respective staging area. A less than 90-day holding area has been established at Building 5, situated in the Administration Area of FWDA, in accordance with U.S. Environmental Protection Agency (USEPA) regulations in 40 CFR 262.34(a), 40 CFR 265.16, 40 CFR 265.111, 40 CFR 265.114, and 40 CFR 265.170-178 (Subpart I). The FWDA Base Realignment and Closure Plan (BRAC) Environmental Coordinator (BEC) will be contacted for access to the holding area.

Currently FWDA is considered a Small Quantity Generator (SQG), which places restrictions on the amount of hazardous material that can be shipped offsite and stored onsite. Under the SQG status, FWDA can ship up to 1,000 kilograms per month (kg/month) offsite and can store up to 6,000 kilograms (kg) onsite (awaiting disposal). Based on a 55-gallon drum of water weighing 459 pounds, this translates into a shipping capacity of roughly 5 drums of water per month (or 264 gallons per month) and a storage capacity of roughly 29 drums of water (or 1,585 gallons). Additionally, based on a 55-gallon drum of soil weighing 735 pounds, this translates into a shipping capacity of roughly 3 drums of soil per month and a storage capacity of roughly 18 drums of soil.

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. An example inventory form is provided on the following page.

FORT WINGATE
CARETAKERS
90-DAY FACILITY CHECK SHEET

CONT. NUMBER	NOMENCLATURE DESCRIPTION	START DATE	CHARACTERIZATION STATUS

CARETAKER SIGNATURE:_____ DATE:_____

1

5.0 IDW Characterization

5.1 IDW Sampling

Representative samples will be collected for each container of soil/sediment, groundwater, or 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 may be collected as containers are filled at the SWMU or AOC or within 5 days of transfer to the less than 90-day holding area, and analytical results shall be provided within 10 days of sampling.

A complete list of waste characterization parameters and analytical methods approved by the USEPA is published in *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods* (SW-846). Process knowledge will be used to evaluate the physical state of the IDW to determine which specific parameters shall be required to properly characterize waste generated from a given SWMU or AOC.

Upon receipt of waste characterization results, copies will be provided to the FWDA BEC and U.S. Army Corps of Engineers (USACE) Technical Manager, and inventory forms at the 90-day holding area will be updated with IDW classifications and applicable USEPA waste codes.

5.2 IDW Classification

IDW shall be classified as hazardous waste if the material exhibits the characteristics of ignitibilty, corrosivity, reactivity, or toxicity as listed by the USEPA in 40 CFR 261.20-24 (Subpart C).

Solid IDW not classified as hazardous waste shall be classified as special waste if the material is listed as such by the New Mexico Environment Department (NMED) in 20 New Mexico Administrative Code (NMAC) 9.1.

IDW shall be classified as non-hazardous waste if potential contaminants are not detected or are detected at concentrations less than applicable regulatory limits.

6.0 IDW Disposal

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.

6.1 Hazardous Waste

IDW classified as hazardous waste shall be disposed of offsite at a Resource Conservation and Recovery Act (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. 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.

6.2 Special Waste

IDW classified as special waste shall be disposed of offsite at a solid waste landfill authorized for disposal of such material. Containers shall be labeled, manifested, and transported in accordance with NMED requirements in 20 NMAC 9.1 (Subpart VII). Requirements for manifest signatures, distribution of copies, and annotation of inventory forms in the less than 90-day storage area shall be the same as those for hazardous waste.

6.3 Non-Hazardous/Non-Regulated Waste

Soil/sediment IDW classified as non-hazardous waste shall be shipped to a landfill authorized for disposal of such material. Non-hazardous sampling equipment, PPE, and general refuse may be disposed of in FWDA trash receptacles, or transported offsite for disposal as municipal waste if large quantities of material are generated. Liquid IDW classified as non-hazardous waste shall be transported offsite to a TSD facility approved for disposal of such material.

Appendix E
Release Assessment
Site Reconnaissance Forms and Field Notes

Location Ft. Wingate Date 7-8-08

Project / Client USACE Geophysics

0640 - J. Waldron and J. Gamlin arrive onsite to prep for work. Wait for Survey Crew and Geo Physics crew to arrive.

0650 Eric - USACE and Surveyors onsite

0710 Safety brief w/ Geophysics and Survey Crew.

0730 offsite to P/U UXO training CD

0830 Make final preperations to make to site to begin Prove out

0849 arrive on GPO (Geophysical Prove Out) grand. NAEVA Crew Sets up to begin GPO. Trouble w/ equipment

1046. NAEVA still working on equipment and finishing set up

1106 GPO begins w/ laying out Grid.

1135 NAEVA Breaks for lunch

1155 leave site to go meet w/ J. Gamlin

1228 J. Gamlin, + Eric (USACE) on site for lunch break.

1250 NAEVA Begins to Conduct Prove out on area. Jeff + Eric off site

1328 Problems w/ Equipment. Not Working Properly

4

Location Ft. Wingate Date 7-8-08

Project / Client

1450 problems Continue w/ GPS Equipment. Eric onsite
1522 Eric offsite
1529 Tamir offsite to check on locations to be Surveyed and GPS.
1600 Finalize on prove out
1618 Begin P/U of site and prep to move out/offsite
1636 Head back to Maingate area
1650 Notice Air leak in Rear tire
1700 offsite to repair

Ca Wall

Location Ft. Wingate Date 7-9-08

Project / Client

0640 onsite, load equipment - Conduct Safety Brief

0726 Arrive at GPO to redo initial Prove Out due to gaps in data

0820 Call from Jeff Gamlin to begin Clearing brush using hand tools

0928 - Rethink Clearing idea U.W. off site to find brush hog

1130 U.W. Back w/ brush hog begin Clearing fields w/mower

1615 Finish up w/ AOC 78 and prep to return to Storage bldg.

1700 offsite

6

Location Ft. Wingate Date 7-10-08

Project / Client USACE

0650 onsite Conduct Safety brief w/ Crews onsite.
Topics: hydration, Snakes, Heat Stress
0700 NAEVA off to AOC 78 to begin work w/ [redacted] Kloff.
0705 Survey Crew arrives - set up equipment and prep to make to site to finish Surveying and brushhog area.

0713 Recieve radios from Eric to hold for duration at work at Wingate
0720 Sign for key to gate and radio

0753 Survey Crew having trouble w/ radio/gps unit - move to base station to p/u and relocate inside gate
0808 Call Eric to assist unloading mower at AOC 79 to mow Brush for Geophysics Crew.
0815 Begin mowing at AOC 79
0840 Survey Crew arrives on site to finish up w/ corners
0900 Resume brush clearing
1010 Brushhog Disabled (Drivetrain) mostly finished - Take back to Res

Location Ft. Wingate Date 7-10-08

Project / Client

1047 T. KLAFF offsite
Survey Crew wraping up
with parts. J.W. offsite
to Return brush hog.
1122 - Survey Crew Finished and move
offsite back to ABQ.
1130 J. Waldron Back on site to
oversee NAEVA
1615 Begin to pack up GPS equipment
and prep to demobe
1635 - Move back to office/Stage area
1700 - unload equipment and Break
for day.

SIGN

8

Location Ft. Wingate Date 7-11-08

Project / Client

0625 J.W. onsite
0634 Geophysics Crew arrives to Pack up equipment and probe to work area
0650 onsite @ AOC 78A to finish up w/ first plot. Slightly behind Schedule,
Conduct Safety brief - Topics Snakes; watch step. Hydration, Sun protection
0927 Finish up w/ last Grids on AOC 78A pack up and move to Next AOC
1000 prep Site for work AOC78B
1105 Begin Geophysical Survey
1329 Watch for Storm Clouds, Thunder + lightning. Storm moving through area, Thunder in distance
Crew on Alert.
1350 ~~Pack~~ large storm moving through area thunder + lightning. NAEVA Crew packs up equipment and Peps to move off Site.
1420 Back at storage bldg. Unload equip.

Location Ft. Wingate Date 7-11-08 9

Project / Client

Severe Storm moving through
1430 NAEVA off site will return
Monday at 0630.
1505 Secure equipment and leave
for weekend.

10

Location Ft Wingate Date 7-14-08

Project / Client

0628 J.W. onsite
0634 NAEVA onsite - pack up equipment and move to site.
0652 Onsite at AOC 78B to finish up NAEVA sets up equipments and preps for work.
0700 Conducts Safety brief for day Topics: Slips, trips and falls; Biologicals Hydration.
0810 Work begins.
0925 Call from J. Gamlin - onsite at bldg 31 leave Area to meet up w/ UXO Tech and J.G. Unload equipment and go over Safety topics w/ new Member.
1015 Back on site at AOC 78B. Mark (NAEVA) was informed by Data managers in VA. about problem w/ data Collected at AOC 78A and will have to recollect Data on two grids.
1350 NAEVA Crew finishing up w/ AOC 78B.
1403 Move to AOC 78A to Redo Grids w/ missing data.

Location Ft. Wingate Date 7-14-08

Project / Client

1616 - Begin packing up equipment at AOC 78A. Not finished Restoring grids.

1639 Back at Stage area / building 31 to drop off equipment

1656 Off Site

12

Location Ft. Wingate Date 7/15/08

Project / Client

0630 onsite, PTSP, H&S tailgate

0640 Load equipment and mob to site

~~1614~~ 1615 Begin to de-mob - finish AOC 784, 3/4 finished with AOC 78C

1655 offsite

7/15/08

Location Ft. Wingate Date 7/16/08

Project / Client

0630 Onsite, PTSP, H&S tailgate
0640 Load equipment and mob to site
0730 Begin work at AOC ~~78A~~ JC 78C
1530 Finished with AOC 78C mob to AOC 78D
1655 offsite

7/16/08

14

Location Ft. Wingate Date 7/17/08

Project / Client

0630 Onsite, PTSP, H&S tailgate
0640 Load equipment - hub to AOC 780
1250 Rain - stop work
1320 Resume work
1510 GPS radio not working - try to repair
1655 Offsite

7/17/08

Location Fort Wingate Date 7/18/08

Project / Client

0630 onsite, PTSP, H&S tailgate
0640 Load equipment - mob to AOC 781
1300 J. Gamlin offsite - J. Waldron to provide oversight to geophysics.

7/18/08

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff:	Jonathan Waldron and Danielle Trice
Date and Time of Site Visit:	7/30/2008 1513
Facility Name:	FWDA Parcel 6
Facility Address:	AOC 75 Transformer 01 behind Building 51

Site Observations:

Located on fence line controlling access to area
Power pole wraped in razor wire
Sticker on side of transformer, "No PCB's" in blue

Photographs:

1 picture taken facing south

Samples Collected:

FWDA-AOC75-T01-SS-0724-08
FWDA-AOC75-T01-SS-0724-08-DUP
FWDA-AOC75-T01-EB-0724-08

Other Notable Information:

Site drawing attached

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Danielle Trice
Date and Time of Site Visit: 7/30/2008 0841
Facility Name: FWDA Parcel 6
Facility Address: Transformer 02 behind Building 31

Site Observations: Transformer located at top of phone pole. Pavement surrounding area underneath pole. Sticker on side of transformer, "No PCB's", in blue color

Photographs: 2 pictures taken: 1 facing northeast,1 facing southwest

Samples Collected: FWDA-T02-SS-073008
FWDA-T02-SS-073008-DUP

Other Notable Information: Site drawing attached

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Danielle Trice
Date and Time of Site Visit: 7/30/2008 0807
Facility Name: FWDA Parcel 6
Facility Address: Transformer 03 north of building 516

Site Observations: Located to the north of Building 516. Blue sticker on side of transformer showing "No PCB's"

Photographs: 2 pictures taken: 1 facing southeast,1 facing northwest

Samples Collected: FWDA-T03-SS-073008

Other Notable Information: Site drawing attached

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Danielle Trice
Date and Time of Site Visit: 7/30/2008 0734
Facility Name: FWDA Parcel 6
Facility Address: Transformer 04

Site Observations: Green power box located behind Building 537
Box placed on top concrete pad slightly bigger than power box

Photographs: 2 pictures taken: 1 facing southwest,1 facing northeast

Samples Collected: FWDA-T04-SS-073008

Other Notable Information: Site drawing attached

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/30/2008 1450
Facility Name: FWDA Parcel 6
Facility Address: AOC 78 A

Site Observations: Several pieces of metal banding and a large number of roofing nails

Photographs: 1 picture taken facing east

Samples Collected: FWDA-AOC78A-01-SS-072108
FWDA-AOC78A-02-SS-072108

Other Notable Information: No other notable information.

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/30/2008 1458
Facility Name: FWDA Parcel 6
Facility Address: AOC 78 B

Site Observations: Several pieces of metal banding and a large number of roofing nails

Photographs: 1 picture taken facing east

Samples Collected: FWDA-AOC78B-01-072108
FWDA-AOC78B-02-072108

Other Notable Information: No other notable information.

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/30/2008 1504
Facility Name: FWDA Parcel 6
Facility Address: AOC 78 C

Site Observations: Several pieces of metal banding and a large number of roofing nails

Photographs: 1 picture taken facing north

Samples Collected:
FWDA-AOC78C-01-SS-072208
FWDA-AOC78C-02-SS-072208
FWDA-AOC78C-02-SS-072208-DUP

Other Notable Information: No other notable information.

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/30/2008 1506
Facility Name: FWDA Parcel 6
Facility Address: AOC 78 D

Site Observations: Several pieces of metal banding and a large number of roofing nails

Photographs: 1 picture taken facing north

Samples Collected: FWDA-AOC78D-01-SS-072308
FWDA-AOC78D-02-SS-072308

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1510
Facility Name: FWDA Parcel 6
Facility Address: AOC 78 E

Site Observations:
Area of natural drainage which is restricted by the west patrol road
No man-made debris observed

Photographs:
No photos were taken

Samples Collected:
No samples were collected

Other Notable Information:
No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/29/2008 1500
Facility Name: FWDA Parcel 6
Facility Address: AOC 79

Site Observations:
Several pieces of metal banding and roofing nails
Flooding in area caused survey stakes to move

Photographs:
3 pictures taken: 2 facing northeast, 1 facing east

Samples Collected:
FWDA-AOC79-01-SS-072908
FWDA-AOC79-02-SS-072908

Other Notable Information:
No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1330
Facility Name: FWDA Parcel 6
Facility Address: AOC 80

Site Observations:
Metal fragements and banding observed in area, no MEC observed
Concrete dumped near sample location 02

Photographs:
2 pictures taken: 1 facing northeast,1 facing southwest

Samples Collected:
FWDA-AOC80-01-SS-072408 FWDA-AOC80-01-SS-072408-DUP
FWDA-AOC80-02-SS-072408
FWDA-AOC80-03-SS-072408

Other Notable Information:
Site drawing attached

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/18/2008 0846
Facility Name: FWDA Parcel 6
Facility Address: AOC 81

Site Observations: Several prairie dog burrows, no man-made debris were observed

Photographs: 2 pictures taken: 1 facing northeast,1 facing south

Samples Collected: FWDA-AOC81-SS-072108

Other Notable Information: Site drawing attached

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/18/2008 0824
Facility Name: FWDA Parcel 6
Facility Address: AOC 83

Site Observations: 37 mm ammo storage can lids, metal banding

Photographs: 3 pictures taken: 2 facing west,1 facing southwest

Samples Collected: FWDA-AOC83-SS-072108

Other Notable Information: Site drawing attached

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1425
Facility Name: FWDA Parcel 6
Facility Address: AOC 84

Site Observations: Large number of prairie dog burrows, no man-made debris were observed

Photographs: 1 picture taken facing southwest

Samples Collected:
FWDA-AOC-84-01-SS-072208
FWDA-AOC-84-02-SS-072208
FWDA-AOC-84-03-SS-072208

Other Notable Information: Site drawing attached

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/18/2008 0808
Facility Name: FWDA Parcel 6
Facility Address: AOC 61 Building 507

Site Observations: No significant observations

Photographs: 2 pictures taken: 1 facing east,1 facing south

Samples Collected: FWDA-BLDG507-SS-072208

Other Notable Information: Site drawing attached

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/18/2008 0800
Facility Name: FWDA Parcel 6
Facility Address: AOC 42 Building 516

Site Observations:

No significant observations, building is empty

Photographs: 3 pictures taken: 1 facing northeast,1 facing south, and one inside building

Samples Collected: FWDA-BLDG516-SS-072208

Other Notable Information: Site drawing attached

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 9:23 AM
Facility Name: FWDA Igloo Block B
Facility Address: B1100

Site Observations: Metal packaging material and banding

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0921
Facility Name: FWDA Igloo Block B
Facility Address: B1099

Site Observations: Broken clay pipe

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0919
Facility Name: FWDA Igloo Block B
Facility Address: B1098

Site Observations: Metal packaging material and banding

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0916
Facility Name: FWDA Igloo Block B
Facility Address: B1097

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0851
Facility Name: FWDA Igloo Block B
Facility Address: B1096

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0912
Facility Name: FWDA Igloo Block B
Facility Address: B1095

Site Observations: Metal packaging material and banding

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0909
Facility Name: FWDA Igloo Block B
Facility Address: B1094

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0908
Facility Name: FWDA Igloo Block B
Facility Address: B1093

Site Observations: Metal packaging material and banding

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0906
Facility Name: FWDA Igloo Block B
Facility Address: B1092

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0903
Facility Name: FWDA Igloo Block B
Facility Address: B1091

Site Observations: Metal packaging material, banding, and a broken clay pipe

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0900
Facility Name: FWDA Igloo Block B
Facility Address: B1090

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0857
Facility Name: FWDA Igloo Block B
Facility Address: B1089

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0855
Facility Name: FWDA Igloo Block B
Facility Address: B1088

Site Observations: Metal packaging material and banding

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 1611
Facility Name: FWDA Igloo Block B
Facility Address: B1087

Site Observations: Metal packaging material and banding

Photographs: 2 pictures taken: 1 facing south and 1 southwest

Samples Collected:
FWDA-B1087-DL-SS-072408
FWDA-B1087-DR-SS-072408
FWDA-B1087-SS-072408

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0846
Facility Name: FWDA Igloo Block B
Facility Address: B1086

Site Observations: No significant observations

Photographs: 2 pictures taken: 1 facing south and 1 southwest

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0841
Facility Name: FWDA Igloo Block B
Facility Address: B1085

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0838
Facility Name: FWDA Igloo Block B
Facility Address: B1084

Site Observations: Metal banding

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0835
Facility Name: FWDA Igloo Block B
Facility Address: B1083

Site Observations: Staining on pad on the northwest edge

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0833
Facility Name: FWDA Igloo Block B
Facility Address: B1082

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 1623
Facility Name: FWDA Igloo Block B
Facility Address: B1081

Site Observations: Metal packaging material and old wire mesh fencing

Photographs: 2 pictures taken: 1 facing south and 1 southwest

Samples Collected:
FWDA-B1081-DR-SS-072408
FWDA-B1081-DL-SS-072408
FWDA-B1081-SS-072408

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0825
Facility Name: FWDA Igloo Block B
Facility Address: B1080

Site Observations: Broken clay pipe

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0821
Facility Name: FWDA Igloo Block B
Facility Address: B1079

Site Observations: Metal packaging material and broken clay pipe

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: 7/23/2008 0817
Facility Name: FWDA Igloo Block B
Facility Address: B1078

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1600
Facility Name: FWDA Igloo Block B
Facility Address: B1077

Site Observations: Broken clay pipe

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1554
Facility Name: FWDA Igloo Block B
Facility Address: B1076

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1550
Facility Name: FWDA Igloo Block B
Facility Address: B1075

Site Observations: Broken clay pipe and glass

Photographs: 1 picture taken facing south

Samples Collected:
FWDA-B1075-DR-SS-072408
FWDA-B1075-DL-SS-072408
FWDA-B1075-SS-072408

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/23/2008 1543
Facility Name: FWDA Igloo Block B
Facility Address: B1074

Site Observations: No significant observation

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 1632
Facility Name: FWDA Igloo Block B
Facility Address: B1073

Site Observations: No significant observations

Photographs: 2 pictures taken: 1 facing south and 1 southwest

Samples Collected:
FWDA-B1073-DL-SS-072508
FWDA-B1073-DR-SS-072508
FWDA-B1073-SS-072508

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1537
Facility Name: FWDA Igloo Block B
Facility Address: B1072

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1534
Facility Name: FWDA Igloo Block B
Facility Address: B1071

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1531
Facility Name: FWDA Igloo Block B
Facility Address: B1070

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1528
Facility Name: FWDA Igloo Block B
Facility Address: B1069

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1525
Facility Name: FWDA Igloo Block B
Facility Address: B1068

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1522
Facility Name: FWDA Igloo Block B
Facility Address: B1067

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1519
Facility Name: FWDA Igloo Block B
Facility Address: B1066

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1516
Facility Name: FWDA Igloo Block B
Facility Address: B1065

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1513
Facility Name: FWDA Igloo Block B
Facility Address: B1064

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1509
Facility Name: FWDA Igloo Block B
Facility Address: B1063

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin
Date and Time of Site Visit: 7/21/2008 1505
Facility Name: FWDA Igloo Block B
Facility Address: B1062

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1113
Facility Name: FWDA Igloo Block B
Facility Address: B1061

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1116
Facility Name: FWDA Igloo Block B
Facility Address: B1060

Site Observations: Metal packaging material and banding

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1119
Facility Name: FWDA Igloo Block B
Facility Address: B1059

Site Observations: Fencing material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1158
Facility Name: FWDA Igloo Block B
Facility Address: B1058

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1126
Facility Name: FWDA Igloo Block B
Facility Address: B1057

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1129
Facility Name: FWDA Igloo Block B
Facility Address: B1056

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1132
Facility Name: FWDA Igloo Block B
Facility Address: B1055

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1339
Facility Name: FWDA Igloo Block B
Facility Address: B1054

Site Observations: No significant observations

Photographs: 2 pictures taken: 1 facing south and 1 southwest

Samples Collected: FWDA-B1054-DL-SS-072908
FWDA-B1054-DR-SS-072908 FWDA-B1054-DR-SS-072908-DUP
FWDA-B1054-SS-072908

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1135
Facility Name: FWDA Igloo Block B
Facility Address: B1053

Site Observations: Metal packaging material and banding

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1138
Facility Name: FWDA Igloo Block B
Facility Address: B1052

Site Observations: Metal packaging material, banding, and wire

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1142
Facility Name: FWDA Igloo Block B
Facility Address: B1051

Site Observations: Metal packaging materials, banding, and a section of 1 inch cable

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1351
Facility Name: FWDA Igloo Block B
Facility Address: B1050

Site Observations: Metal packaging material

Photographs: 2 pictures taken: 1 facing south and 1 southwest

Samples Collected:
FWDA-B1050-DL-SS-072808
FWDA-B1050-DR-SS-072808
FWDA-B1050-SS-072808 FWDA-B1050-SS-072808-DUP

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1145
Facility Name: FWDA Igloo Block B
Facility Address: B1049

Site Observations: Metal packaging material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1048
Facility Name: FWDA Igloo Block B
Facility Address: B1048

Site Observations: Metal packaging material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1053
Facility Name: FWDA Igloo Block B
Facility Address: B1047

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1056
Facility Name: FWDA Igloo Block B
Facility Address: B1046

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1400
Facility Name: FWDA Igloo Block B
Facility Address: B1045

Site Observations: No significant observations

Photographs: 2 pictures taken: 1 facing south and 1 southwest

Samples Collected:
FWDA-B1045-SS-072508
FWDA-B1045-DL-SS-072508
FWDA-B1045-DR-SS-072508

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1059
Facility Name: FWDA Igloo Block B
Facility Address: B1044

Site Observations: Metal packaging material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1104
Facility Name: FWDA Igloo Block B
Facility Address: B1038

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1106
Facility Name: FWDA Igloo Block B
Facility Address: B1037

Site Observations: Metal wire

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1021
Facility Name: FWDA Igloo Block B
Facility Address: B1036

Site Observations: Metal packaging material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1025
Facility Name: FWDA Igloo Block B
Facility Address: B1035

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1034
Facility Name: FWDA Igloo Block B
Facility Address: B1034

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1030
Facility Name: FWDA Igloo Block B
Facility Address: B1033

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1034
Facility Name: FWDA Igloo Block B
Facility Address: B1032

Site Observations: Mesh fencing material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1037
Facility Name: FWDA Igloo Block B
Facility Address: B1031

Site Observations: Metal rod and scrap metal

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1041
Facility Name: FWDA Igloo Block B
Facility Address: B1030

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1044
Facility Name: FWDA Igloo Block B
Facility Address: B1027

Site Observations: Old paint can lid, no soil staining observed

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1000
Facility Name: FWDA Igloo Block B
Facility Address: B1025

Site Observations: Metal packaging material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1408
Facility Name: FWDA Igloo Block B
Facility Address: B1024

Site Observations: Metal packaging material and 1 inch cable

Photographs: 2 pictures taken, 1 facing south and 1 side

Samples Collected:
FWDA-B1024-DR-SS-072808
FWDA-B1024-DL-SS-072808
FWDA-B1024-SS-072808 MS/MSD

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1002
Facility Name: FWDA Igloo Block B
Facility Address: B1023

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1006
Facility Name: FWDA Igloo Block B
Facility Address: B1022

Site Observations: Metal wire and cable

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1009
Facility Name: FWDA Igloo Block B
Facility Address: B1021

Site Observations: Nails and metal scrap

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1012
Facility Name: FWDA Igloo Block B
Facility Address: B1020

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1014
Facility Name: FWDA Igloo Block B
Facility Address: B1019

Site Observations: Metal packaging material, banding, and wire

Photographs: 1 picture taken facing south

Samples Collected: FWDA-B1019-DR-SS-072808
FWDA-B1019-DL-SS-072808 FWDA-B1019-DL-SS-072808 MS/MSD
FWDA-B1019-SS-072808

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1017
Facility Name: FWDA Igloo Block B
Facility Address: B1018

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1417
Facility Name: FWDA Igloo Block B
Facility Address: B1017

Site Observations: Metal packaging material, fencing, and nails

Photographs: 2 pictures taken: 1 facing south and 1 southwest

Samples Collected: FWDA-B1017-DR-SS-072808 FWDA-B1017-DR-SS-072808-DUP
FWDA-B1017-DL-SS-072808
FWDA-B1017-SS-072808

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0955
Facility Name: FWDA Igloo Block B
Facility Address: B1016

Site Observations: Metal packaging material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0929
Facility Name: FWDA Igloo Block B
Facility Address: B1015

Site Observations: Metal packaging material and nails

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0936
Facility Name: FWDA Igloo Block B
Facility Address: B1014

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0936
Facility Name: FWDA Igloo Block B
Facility Address: B1013

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0936
Facility Name: FWDA Igloo Block B
Facility Address: B1012

Site Observations: Metal packaging material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0940
Facility Name: FWDA Igloo Block B
Facility Address: B1011

Site Observations: Metal packaging material and 35mm ammo can lid

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0943
Facility Name: FWDA Igloo Block B
Facility Address: B1010

Site Observations: Metal packaging material and scrap wire

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0946
Facility Name: FWDA Igloo Block B
Facility Address: B1009

Site Observations: Metal packaging material and door hinges

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0948
Facility Name: FWDA Igloo Block B
Facility Address: B1008

Site Observations: Metal packaging material and wire

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0951
Facility Name: FWDA Igloo Block B
Facility Address: B1007

Site Observations: Metal packaging material and wire

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0926
Facility Name: FWDA Igloo Block B
Facility Address: B1006

Site Observations: Metal packaging material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0923
Facility Name: FWDA Igloo Block B
Facility Address: B1005

Site Observations: Metal packaging material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 1426
Facility Name: FWDA Igloo Block B
Facility Address: B1004

Site Observations: Metal packaging material, fencing and concrete debris

Photographs: 2 pictures taken: 1 facing south and 1 southwest

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0920
Facility Name: FWDA Igloo Block B
Facility Address: B1003

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0918
Facility Name: FWDA Igloo Block B
Facility Address: B1002

Site Observations: Metal packaging material

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/17/2008 0910
Facility Name: FWDA Igloo Block B
Facility Address: B1001

Site Observations: In use, propane tank behind igloo

Photographs: 1 picture taken facing south

Samples Collected: No samples were collected

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0955
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1002

Site Observations: Scrap wire

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0951
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1003

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0948
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1004

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0943
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1005

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0936
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1006

Site Observations: Small pieces of scrap metal

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0841
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1008

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: FWDA-Y-B1008-07172008

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0846
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1009

Site Observations: Small pieces of scrap metal

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0853
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1011

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: FWDA-Y-B1011-07172008

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0900
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1013

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0906
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1014

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0916
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1015

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0834
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1017

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0829
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1018

Site Observations: Metal banding

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0823
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1019

Site Observations: Several pieces of metal banding

Photographs: 2 pictures taken facing south

Samples Collected: FWDA-Y-B1019-07172008

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0816
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1021

Site Observations: A few nails

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0811
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1022

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0806
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1023

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0800
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1024

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0754
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1025

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1530
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1027

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1536
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1028

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1600
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1029

Site Observations: Large piece of steel and chicken wire at entry to revetment

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1604
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1030

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0711
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1032

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0718
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1033

Site Observations: No significant observations

Photographs: 1 picture taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0725
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1034

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: FWDA-Y-B1034-07172008

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0735
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1035

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jonathan Waldron and Linda Cox
Date and Time of Site Visit: 7/15/2008 0742
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1036

Site Observations: One piece of scrap metal

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1524
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1038

Site Observations: Large piece of steel at entry to revetment

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1520
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1039

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1517
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1040

Site Observations: Large piece of steel and chicken wire at entry to revetment

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1512
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1041

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1507
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1042

Site Observations: Heavy vegetation at site

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1502
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1043

Site Observations: Small piece of angle iron

Photographs: 2 pictures taken facing south

Samples Collected: FWDA-Y-B1043-07162008

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1449
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1045

Site Observations: Few small metal scraps, evidence of small detonation, chicken wire at entry
sand bag and detonator wire fragments

Photographs: 3 pictures taken facing south

Samples Collected: FWDA-Y-B1045-07172008
FWDA-Y-B1045-07172008 - DUP

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1444
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1046

Site Observations: Large piece of metal banding east central portion of revetment

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1439
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1047

Site Observations: Small metal scrap on east central side

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1433
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1048

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: Dimensions of revetment are 45' x 75'

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1348
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1051

Site Observations: Large piece of steel at entry to revetment

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1349
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1052

Site Observations: Large piece of steel by entry to revetment, 5' radius of nails and small pieces of metal

Photographs: 2 pictures taken facing south

Samples Collected: FWDA-Y-B1051-07162008

Other Notable Information: Site drawing attached

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1400
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1055

Site Observations: 50 cal ammo box at entry to revetment, heavy vegetation

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1407
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1058

Site Observations: Steel post at entry to revetment

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1416
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1059

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1422
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1060

Site Observations: Large piece of steel at entry to revetment

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1426
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1061

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: Dimensions of revetment are 45' x 70'

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1337
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1066

Site Observations: Chicken wire at entry to revetment, one piece of angle iron

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1328
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1067

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1323
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1068

Site Observations: Chicken wire at entry to revetment

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1130
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1072

Site Observations: Large piece of steel and chicken wire at entry to revetment

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1122
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1074

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1111
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1083

Site Observations: Small piece of angle iron

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1055
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1084

Site Observations: Chicken wire at entry to revetment

Photographs: 2 pictures taken facing south

Samples Collected: FWDA-Y-B1084-07152008

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1044
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1085

Site Observations: Nose plug found at NW corner, chicken wire at entry to revetment
small piece of angle iron

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Fort Wingate Depot Activity Release Assessment
Site Reconnaissance and Photo-Log Form

CH2M HILL Staff: Jeff Gamlin and Linda Cox
Date and Time of Site Visit: 7/14/2008 1030
Facility Name: FWDA Igloo Block B
Facility Address: Y-B1086

Site Observations: No significant observations

Photographs: 2 pictures taken facing south

Samples Collected: None

Other Notable Information: No other notable information

Location Fort Wingate Date 7/7/08

Project / Client

1030 Onsite, meet with Albuquerque Survey and enter Bldg 1 to meet with Rich Cruz. No word from Doc Holliday. Send surveyors to Admin area for benchmarks To Bldg 31 to see office space

1100 Jon Waldron onsite. Call Jeff Johnston with update - he will see if Erik Kirwin will be onsite. Unable to do work without escort. Will not be able to mow per HSEQ.

1130 Send Jon back to ABQ with trailer & tractor - left message with J.J.

1200 Run errands and set up office in Bldg 31

1645 offsite for day

7/7/08

4

Location Ft. Wingate Date 7/8/08

Project / Client

0645 Onsite with Jon Waldron
0655 Bob & Bill ABQ Survey onsite
0657 NAEVA onsite Mark & Amelia
0700 Tamir Klaff & Eric Kirwin onsite
0710 H&S briefing, UXO and biologic main hazards
0830 JW & Amelia to get UXO CD
0845 UXO training CD with ABQ survey Tamir, Jon, NAEVA to prove out
1000 Finish SR training, ABQ survey to find off site control points
1100 Check in with ABQ Survey, they are having equipment issues
1145 Offsite to pick up sandwiches, ABQ Survey with Eric to water tower
1210 Onsite, ABQ to offsite control point
1300 waiting for ABQ Survey to get back onsite
1338 onsite AOC 78, set up to survey
1350 Southern-mid block is a geomorphic feature - semi-playa area with many mud cracks and bounded by arroyos & rills (deeper to west

Location Ft. Wingate Date 7/8/08

Project / Client

along road). Wood fragments from pallats or packaging Some small metal plate like pieces 2" diameter with nail in middle Some small pieces of metal coiled ~1" ~~thick~~ wide in ~2" diameter roll. AOC 78B

1400 AOC 78A (southern most) is alluvial plain area sloping down towards the road. Soft soil & gravel few mud cracks. Shrubs to knee high. Mesa to east with piñon trees.

1405 Survey AOC 78A orange flag & short stakes for grid. Tall and pink for shape.

1500 Begin survey AOC 78B

1610 Finish survey AOC 78B
ABQ Survey offsite

1622 Take photo 1 of GPO

1700 offsite

6

Location Ft. Wingate Date 7/9/08

Project / Client

0630 Onsite Tamir & NAEVA, Eric

0655 onsite Jon & ABA Survey - Tailgate

0705 Tamir, Jon, NAEVA to GPO

0740 onsite AOC 78, survey and try to clear brush by hand

0930 Talk with Sharon Minchak and Jeff Johnston about brush clearance Send Jon to Home Depot to see if they have a brush hog to rent, by hand is taking too long

0940 Finish survey AOC 78C, begin AOC 78D

1200 Jon back with brush hog, surveyors to AOC 79

1700 offsite - Started geophysics AOC 78A Cleared brush 78 A,B,C,D - tomorrow finish brush clear 79 and survey 1/2 79

7/9/08

Location Ft. Wingate Date 7/14/08

Project / Client

0930 onsite with Linda Cox
unload equipment
1000 Check in with Rich Cruz
1030 Onsite Y-B1086 - clear & photo
Y-B1085, Y-B1084, Y-B1083, Y-B1074, Y-B1072
Y-B1068, Y-B1067, Y-B1066, Y-B1051, Y-B1052
Y-B-1055, Y-B1058, Y-B1059, Y-B1060,
Y-B1061, Y-B1048, Y-B1047, Y-B1046,
Y-B1045, Y-B1043, Y-B1042, Y-B1041
Y-B1040, Y-B1039, Y-B1038, Y-B1027
Y-B1028, Y-B1029, Y-B1030
1655 off site for day

7/14/08

8

Location Ft. Wingate Date 7-15-08

Project / Client

0630 onsite - Prep for work Conduct Safety brief

0707 J.W. + L.C. on site at Rivetment area. to begin Sweeping areas.
Y-B1032, Y-B1033, Y-B1034
Y-B1035, Y-B1036, Y-B1017
Y-B1018 Y-B1018, Y-B1021
Y-B1022, Y-B1023, Y-B1024, Y-B1025
Y-B1008, Y-B1009, Y-B1011, Y-B1013
Y-B1015, Y-B1002, Y-B1003, Y-B1004
Y-B1005, Y-B1006

0959 finish w/ site investigation Pack up and check w/ Jeff G as to Sampling protocols.

1045 Mobe back to bldg 31 to unload and head to home depot to p/u Supplies for Rivetment Sampling.

1230 Begin preps for 1st Revetment Sampling and work on method.

1427 Sample time for Y-B1084 complete

1438 Begin Surveying Sample points for Remaining Rivetments: total of 7

1600 Surface Survey of B-1087 Visual inspection / Surface metal

Location Ft. Wingate Date 7-15-08

Project / Client

1615 at B1081 visual/surface insped.
scrapmetal + fence line fence

1630 B1073 Clear of visual/surface debris.

1640 Pack up and head back to bldg 31 to debrief and move out/off base

10

Location Ft. Wingate Date 7-16

Project / Client

0632 onsite at bldg 31
Pick up equipment and Conduct Safety brief

0655 Mobe to site to Continue w/ Soil Sampling.

0706 Arrive on site at Y-B1052
begin Sampling / dig holes and fill jars

0823 Sample time
Sample ID: FWDA - Y-B1052 07/16/2008

0840 onsite at Y-B1043 to prep for Sampling

0943 Stop dig / sample operations due to issues w/ surface density - Shovels not working - Slide hammer not working Past top 6 inches. Hardpan layer impossible to get ~~the~~ deeper than 6in. bgs.

1215 Return from Home depot w/ generator to power Hammer drill in order to loosen dirt in rivetments.

1400 Unable to achieve desired effects w/ hammer drill. Call Jeff and explain issues / Problem. Told to Sample soil from 2in bgs to 8in bgs +/- in order to Collect Soil.

Location Ft. Wingate Date 7-16-08 11

Project / Client

1400 Clay layer too hard and require too much effort per hole to achieve desired depth as stated in work plan w/o use of large machinery.

1427 Collect Sample on site
ID: FWDA-Y-B1043-07162008
at 1427 w/depth of soil sampled between 2 and 10 inches bgs.

Damage to Slide hammer and Sample sleve occured during efforts.
Attempt to take to town to have fixed (Tap and Die)

1650 Back on site equip. repaired finished for day

12

Location FT Wingate Date 7-17-08

Project / Client

0630 Arrive onsite at bldg 31 to pick up equipment and prep for days work. J. Gamlin Conducts Safety brief w/ NAEVA present.

0658 Arrive at Sample location Y-B1045 to begin Sampling using new methods and guidelines. Skim top 2-3 inches from top of grand surface and take sample from there down 6 inches.

0814 Sample time:
FWDA - Y-B1045 - 07172008
FWDA - Y-B1045 - 07172008 - DUP

0829 Depart for next site

0832 Arrive at Y-B1034 to begin sampling using same sampling method as before

0856 Sample time
FWDA - Y-B1034 - 07172008

0903 onsite at Y-B1019 Selected as extra to sample Due to ~~X~~ different Characteristics from others

0940 Sample time
FWDA - Y-B1019 - 07172008

0947 Onsite at Y-B1011

1017 Sample time MS/MSD
FWDA - Y-B1011 - 07172008

Location Ft. Wingate Date 7-17-08

Project / Client

1023 onsite on Y-B1008 Selected because of Site Characteristics and Integrity of burns

1051 Sampletime
FWDA - Y-B1008-07172008
Final of 8 revetments Sampled

1225 Finish packing Samples.
won't be able to ship 'till friday
No COC's Available
Spoke w/ Joe Sabat Shipping.
Will ship from office on friday

1330 Continue w/ Visual Inspection of Magazine / Storage bunkers.

1339 - B1054 - Scrap metal found
1351 B1050 - Scrap metal
1400 B1045 - Scrap metal / Banding
1408 B1024 - Scrap wire and cable
1417 B1017 Scrap metal + Wire
1426 B1004 Scrap metal, fencing concrete
1442 Begin to Survey Area for bldgs on list that will need Soil Sampling Due to posible Spills / contamination

14

Location Ft Wright Date 7-17-08

Project / Client

1545 Back to bldg 31 to prep Coolers w/ Soil samples for Shipping w/Ice. No COC's Available, Coolers will be Shipped from ABQ office on Friday

1640 NAGVA Crew + Jeff G back at bldg 31 to unload equip.

1655 Off site for day

Location Ft. Wingate Date 7-18-08 15

Project / Client

0632 Onsite at bldg 31 to load equipment. and prep for days work.
L. Cox + J. Waldron pack up Samples Collected over past week and clean equipment. Wait for J. Gamlin to return from escorting NAEVA to Site.

0726 J.G. + J.W. go over FSP and Items + Actions needed to complete Soil Sampling for upcoming weeks. Review the various AOC's + Buildings to be sampled and the type of sample and the amount to be collected

0800 J. Gamlin, L. Cox + J. Waldron begin day laying out sample location at various AOC's and Buildings to be sampled.

~~0808 B507 loading dock Area Flagged~~ J.W

0800 Bldg # 516 loading dock
Survey done + Pin Flags set for sampling

0808 Bldg # 507 Bunker/storage area

16

Location Ft. Wingate Date 7-18-08

Project / Client

0823 Area 83 open field - Round Shape
37 mm storage can lids found.
Area marked for sampling

0846 AOC 81 - Flat open field
Rectangle shape

0910 Begin Visual inspection
of all igloos remaining in
parcel 6 AOC 28 Igloo Block B.
Checking for staining and debris
Start at B-1001 and work through
Stop at B-1061. pictures and
checklist sheet completed for each of
the igloos.

1145 Finish up w/ igloo survey's and
return to bldg 31 to pack coolers and
prep for shipping.

1232 Off site for weekend.
Back to ABQ office to
ship off samples to Lab.

Location Ft. Wingate Date 7-21-08

Project / Client

0635 - on site at field Base bldg 31. NAEVA onsite to pickup equipment. Mobe out to site to begin work.
Conduct Safety meeting: Topics include slips, trips + falls, Snakes, Weather and Hydration.
0649 At AOC 78C to redo 10 lines that are missing data.
0858 Finish up w/ AOC 78C and pickup and prep to move to AOC 79
0916 at AOC 79 Drop off equipment + move to meet w/ Jeff G and 2 new field team members Danielle and Todd.
Conduct Safety briefing and Go over Work / Sampling event.
1040 - on site at B1004 to begin Sampling / measure sample locations.
1115 - ground to hard to sample w/o pick to loosen up dirt.
1140 Break for lunch
1220 on site at AOC 83 to begin Sampling

18

Location Ft. Wingate Date 7-21-08

Project / Client

1326 Sample time
FWDA-AOC83-SS-072108
1334 onsite AOC81 Collect Samples
at Flagged areas premarked by J.G + J.W
1406 Sample time
FWDA-AOC81-SS-072108
1428 onsite at AOC 78A to take
2 samples at site marked by J. Gonlin
1453 Sample time
FWDA-AOC78A-01-072108
1514 Sample time
FWDA-AOC78A-02-072108
1533 Move to AOC 78B to continue w/
sample activities.
1557 Sample time
FWDA-AOC78B-01-072108
1614 Sample time
FWDA-AOC78B-02-072108
1625 Pack up equip. and head back to
gate to meet up w/ Jeff and NAEVA
Crew.
1648 Unload equipment and finish up w/
paper work
1656 Offsite for day

Location Ft Wingate Soil Sampling Date 7-22-08

Project / Client

0630 onsite - load equip and Conduct Safety Brief - Slips, trips, falls - muddy conditions Hydration + Sun

0708 Arrive at AOC 78C Decon equipment and prep for Sampling.

0816 Sample time
FWDA - AOC78C - Ø1 - Ø722Ø8

0859 Sample time
FWDA - AOC 78C - ØZ - Ø722Ø8
FWDA - AOC 78C-OZ-Ø72208-DUP

0915 - Onsite at AOC78D - Area too muddy to sample - will come back when dry.

0926 Arrive at Bldg 516 to Sample

0952 Slide Hammer breaks Call J.G.

1028 Sample time
FWDA - Bldg 516-SS-072208
Call back from Jeff Gomlin. New Slide hammer - comming from Warehouse

1040 at Bldg 507 to sample
Sample time.

1115 Investigate Transformer areas

20

Location Ft. Wingate Date 7-22-08

Project / Client

1125 offsite to get slide hammer repaired at welding shop and get photo copies made of site investigation form.

1300 Back on site - Hammer repaired copies made

" onsite at AOC 84 to begin sampling

1350 Sample time
FWDA-AOC84-01-SS-072208

1414 Sample time
FWDA-AOC84-02-SS-072208

1450 Sample time
FWDA-AOC84-03-SS-072208

1500 Storm moving in lightning in close to work area. Call NAEVA on radio. Packing up and moving offsite

1510 Back at bldg 31 to unload

1520 NAEVA off site.

1525 Danielle, Todd + J.W stay to label and fill at COC/pack coolers

1700 Finished w/ packing coolers labels and COC's and leave site

Location Ft. Wingate Date 7-23-08

Project / Client

0635 on site at bldg 31. Pack up trucks and Conduct Safety brief
- Weather, Mud slips trips and Falls
0650 Unload NAEVA equip. at Aox 79
0701 - Onsite at B-1001 to begin laying out Sampling grids for Igloo's. Refer to Site Recon sheet for Sample location Spacing's
0730 · measure out sample location at B1004
0734 B1015 - Determine spacing intervals and Finalize Sampling pattern.
0755 B1008 - Same
0810 - leave Donielle + Todd (CH2M) to Continue w/ laying out Sampling grid.
0815 J.W. To continue w/ site recon on Igloo's in Parcel 6 Block B. Pick up where J. Gomez left off.
0923 Finish up w/ Igloo investigation's Check in on NAEVA.
0945 meet up w/ Todd and Donielle

22

Location Ft Wingate Date 7-23-08

Project / Client

0950 Call from Hotel - Equipment Arrived at desk from warehouse - New slide hammer

0956 Continue to lay out Sample locations at igloos.

1045 Finish up laying out Sample grids. Back to Bldg 31 to pack + ship Samples

1340 Onsite at ~~#~~ 78D AOC to Sample remaning plots.

~~Sample time~~ S.W

1406 Sample time
FWDA-AOC78D-01-SS-072308

1431 Sample time
FWDA-AOC78D-01-SS072308

1448 move to AOC80 to prep for Sampling. Storm moving in High winds, lightning + thunder. Advised by U.S.A.C.E. to watch for change in conditions.

1500 Call from NAEVA, Danger Close lightning. Pack up and move back to Bldg 31. Unload and move offsite

1545 NAEVA offsite

1600 CH2M Hill offsite

Location Ft Wingate Date 7-24-08

Project / Client

0630 Onsite at field base bldg 31. NAEVA onsite to pack up Equipment. MOB to begin work. Conduct Safety meeting: Slips, trips, falls, snakes, heat, and weather.

0715 Onsite @ AOC 80. Decon equipment and prep for sampling.

0800 Sample time

FWDA-AOC80-01-SS-072408 and

FWDA-AOC80-01-SS-072408-Dup

0816 Arrive @ AOC80-02

0838 Sample time for FWDA-AOC80-02-SS-072408

0845 Arrive at AOC80-03

0939 Sample time for FWDA-AOC80-03-SS-072408

0949 Sample time for FWDA-EB03-072408

1000 Onsite at bldg 31. Placed samples in office coolers, grabbed additional supplies

1015 Arrive at AOC78-T01

1023 Sample time FWDA-AOC78-T01-SS-072408-Dup, FWDA-AOC78-T01-SS-072408, & FWDA-AOC78-T01-ED-072408

1115 Lunch

1145 Investigate transformer areas

1246 Arrive at B1087

1257 Sample time FWDA-B1087-DL-SS-072408

1300 Sample time FWDA-B1087-DR-SS-072408

1352 Sample time FWDA-B1087-SS-072408

Location Ft. Wingate Date 7-24-08

Project / Client

1400 Arrive at B1081
1415 Sample time FWDA-B1081 — DR -SS-072408
1421 Sample Time FWDA-B1081-DR-SS-072408
1503 Sample Time FWDA-B1081-SS-072408
1515 Checked on NAEVA.
1538 Arrive at B1075
1543 Sample Time FWDA-B1075-D -SS-072408
1550 Sample Time FWDA-B1075-D -SS-072408
1555 ~~Sample time~~ Started FWDA-B1075-SS -072408
1615 Left B1075 DT
1620 Pick up NAEVA gear.
1645 Arrive at BLDG 31 to unload gear
1700 NAEVA and CH2MHILL offsite

End of day 072408
Danielle J. Trice

Location Ft. Wingate Date 07-25-08

Project / Client

0635 onsite at bldg 31. load up equipment and conduct safety brief
Topics: slips, trips + falls, Hydration, bugs
0656 - Drop off equipment at AOC 79 for NAEVA to finishup w/grids.
0719 Call CT Laboratories to get additional Custody Seals and labels Sent to hotel
0725 Prep for Sampling on B-1073
0750 Sample FWDA-B1073-DR-SS-072508
0800 Sample FWDA-B1073 DL-SS-072508
0845 Sample FWDA-B1073-SS-072508
0900 Bldg 31 to pick up bags and paper towels
0926 onsite at B1075 to finishup Collecting samples
0950 Sample time FWDA-B1075-SS-072508
1000 Arrive at B1045
1012 Sample time FWDA-B1045-DR-SS-072508
1020 Sample time FWDA-B1045-DL-SS-072508
1052 Sample time FWDA-B1045-SS-072508
1100 Check on NAEVA
1125 Arrive at BLDG 31. Unpack truck.
1148 Leave Ft Wingate for ziplock bags, water, and ice.

Location Ft. Wingate Date 7-25-08

Project / Client

1225 Arrive at BLDG 31. Begin labeling, COCs, and packing samples.

1300 Pick up NAEVA.

1320 Unload equip. and continue to pack samples

1400 Danielle off site. Back to ABQ. with Samples to drop off at office for Jeff Gomlin.

1415 Todd off site. To hotel Flys out Tomm.

1426 NAEVA Finished w/ Decon and Clean up of equipment, OFF Site. Storm rolling in rain lightning.

1430 JW. offsite Move back to ABQ

Location Ft. Wingate Date 07-28-08

Project / Client

0700 Onsite - prep for work: Load equip. and conduct safety brief.

0745 Arrive onsite at B1017 to begin sampling

0814 Sample time: FWDA-B1017-DL-SS-072808

0821 sample time: FWDA-B1017-DR-SS-072808
FWDA-B1017-DR-SS-072808-DUP

0914 Sample time FWDA-B1017-SS-072808

0932 Arrive at B1019

0940 Sample time FWDA-B1019-DL-SS-072808

0955 Sample time FWDA-B1019-DL-SS-072808-MS/MSD

1004 Sample time FWDA-B1019-DR-SS-072808

1048 Sample time FWDA-B1019-SS-072808

1100 Arrive at B-1024

1110 Sample time FWDA-B1024-DR-SS-072808

1113 Sample time FWDA-B1024-DL-SS-072808

1406 Sample time FWDA-B1024-SS-072808

~~1430 Arrive at B-1054~~ DT

1430 Arrive at B1050

1550 Sample time FWDA-B1050-DL-SS-072808

1555 Sample time FWDA-B1050-DR-SS-072808

1630 Sample time FWDA-B1050-SS-072808

1640 Arrive at B1031 unload. FWDA-B1050-SS-072808-Dup

1700 CH2MHILL off site

7/28/08

Location Ft. Wingate Date 07/29/08

Project / Client

0700 Onsite Bldg 31. Prep for work, Load equip, safety meeting. Organized and labeled samples. Filled out COCs. Talked with Jeff.

1000 Arrive at 1054

1012 Sample time FWDA-B1054-DL-SS-072808

1021 Sample time FWDA-B1054-DR-SS-072808

FWDA-B1054-DR-SS-072808-Dup

1053 Sample time FWDA-B1054-SS-072808

1110 Arrive at Bldg 31. Unload samples. Home Depot Run for key and chisel.

1320 Arrive at AOC 79. Mark the sampling locations.

1501 Sample time FWDA-AOC79-01-072908

1531 Sample time FWDA-AOC79-02-072908

1600 Arrive at bldg 31. Unload truck label & wrap, samples.

1700 CH2M HILL offsite.

7/29/08

Location Ft Wingate Date 07/30/08

Project / Client

0700 Onsite Bldg 31. Prep for work, load equip, safety meeting.

0734 Arrive at Bldg 537 to complete sampling of transformer 4. Mark sampling locations

0802 Sample time FWDA-T04-SS-073008

0810 Arrive at Bldg 516 to sample transformer #3. Mark sampling locations.

0837 Sample time FWDA-T03-SS-073008

0844 Arrive at transformer #2

0854 Sample time FWDA-T02-SS-073008.
FWDA-T02-SS-073008-Dup

0912 back to bldg 31 to pack up samples for ship to lab

0928 Survey crew on site to survey in grid corners for sample plots and other locations

leave D. Trive to pack up samples and fill out COC's while I, O.W., escort surveyor crew to locations/areas of concerns.

1240 Survey Crew wraps up on site. All points surveyed.

1300 leave site to ship samples from fedex.

28 30

Location Ft. Wingate Date 7-30-08

Project / Client

0 1600 - Finalize packing ~~up~~ up
sa equipment and tear down office.
Fil prep for demobe back to ABQ
10 Turn office back to Rich Cruz
101 including Keys and radio's.
10

10
11

13

15
15
16

17

Appendix F
Release Assessment Photographs

Figure 1. Photograph of Igloo B-1001 (AOC 28), Facing South, Taken on July 17, 2008

Figure 2. Photograph of Igloo B-1002 (AOC 28), Facing South, Taken on July 17, 2008

Figure 3. Photograph of Igloo B-1003 (AOC 28), Facing South, Taken on July 17, 2008

Figure 4. Photograph of Igloo B-1004 (AOC 28), Facing South, Taken on July 17, 2008

Figure 5. Photograph of Igloo B-1004 (AOC 28), Facing Southwest, Taken on July 17, 2008

Figure 6. Photograph of Igloo B-1005 (AOC 28), Facing South, Taken on July 17, 2008

Figure 7. Photograph of Igloo B-1006 (AOC 28), Facing South, Taken on July 17, 2008

Figure 8. Photograph of Igloo B-1007 (AOC 28), Facing South, Taken on July 17, 2008

Figure 9. Photograph of Igloo B-1008 (AOC 28), Facing South, Taken on July 17, 2008

Figure 10. Photograph of Igloo B-1009 (AOC 28), Facing South, Taken on July 17, 2008

Figure 11. Photograph of Igloo B-1010 (AOC 28), Facing South, Taken on July 17, 2008

Figure 12. Photograph of Igloo B-1011 (AOC 28), Facing South, Taken on July 17, 2008

Figure 13. Photograph of Igloo B-1012 (AOC 28), Facing South, Taken on July 17, 2008

Figure 14. Photograph of Igloo B-1013 (AOC 28), Facing South, Taken on July 17, 2008

Figure 15. Photograph of Igloo B-1014 (AOC 28), Facing South, Taken on July 17, 2008

Figure 16. Photograph of Igloo B-1015 (AOC 28), Facing South, Taken on July 17, 2008

Figure 17. Photograph of Igloo B-1016 (AOC 28), Facing South, Taken on July 17, 2008

Figure 18. Photograph of Igloo B-1017 (AOC 28), Facing South, Taken on July 17, 2008

Figure 19. Photograph of Igloo B-1017 (AOC 28), Facing Southwest, Taken on July 17, 2008

Figure 20. Photograph of Igloo B-1018 (AOC 28), Facing South, Taken on July 17, 2008

Figure 21. Photograph of Igloo B-1019 (AOC 28), Facing South, Taken on July 17, 2008

Figure 22. Photograph of Igloo B-1020 (AOC 28), Facing South, Taken on July 17, 2008

Figure 23. Photograph of Igloo B-1021 (AOC 28), Facing South, Taken on July 17, 2008

Figure 24. Photograph of Igloo B-1022 (AOC 28), Facing South, Taken on July 17, 2008

Figure 25. Photograph of Igloo B-1023 (AOC 28), Facing South, Taken on July 17, 2008

Figure 26. Photograph of Igloo B-1024 (AOC 28), Facing South, Taken on July 17, 2008

Figure 27. Photograph of Igloo B-1024 (AOC 28), Facing Southwest, Taken on July 17, 2008

Figure 28. Photograph of Igloo B-1025 (AOC 28), Facing South, Taken on July 17, 2008

Figure 29. Photograph of Igloo B-1027 (AOC 28), Facing South, Taken on July 17, 2008

Figure 30. Photograph of Igloo B-1030 (AOC 28), Facing South, Taken on July 17, 2008

Figure 31. Photograph of Igloo B-1031 (AOC 28), Facing South, Taken on July 17, 2008

Figure 32. Photograph of Igloo B-1032 (AOC 28), Facing South, Taken on July 17, 2008

Figure 33. Photograph of Igloo B-1033 (AOC 28), Facing South, Taken on July 17, 2008

Figure 34. Photograph of Igloo B-1034 (AOC 28), Facing South, Taken on July 17, 2008

Figure 35. Photograph of Igloo B-1035 (AOC 28), Facing South, Taken on July 17, 2008

Figure 36. Photograph of Igloo B-1036 (AOC 28), Facing South, Taken on July 17, 2008

Figure 37. Photograph of Igloo B-1037 (AOC 28), Facing South, Taken on July 17, 2008

Figure 38. Photograph of Igloo B-1038 (AOC 28), Facing South, Taken on July 17, 2008

Figure 39. Photograph of Igloo B-1044 (AOC 28), Facing South, Taken on July 17, 2008

Figure 40. Photograph of Igloo B-1045 (AOC 28), Facing South, Taken on July 17, 2008

Figure 41. Photograph of Igloo B-1045 (AOC 28), Facing Southwest, Taken on July 17, 2008

Figure 42. Photograph of Igloo B-1046 (AOC 28), Facing South, Taken on July 17, 2008

Figure 43. Photograph of Igloo B-1047 (AOC 28), Facing South, Taken on July 17, 2008

Figure 44. Photograph of Igloo B-1048 (AOC 28), Facing South, Taken on July 17, 2008

Figure 45. Photograph of Igloo B-1049 (AOC 28), Facing South, Taken on July 17, 2008

Figure 46. Photograph of Igloo B-1050 (AOC 28), Facing South, Taken on July 17, 2008

Figure 47. Photograph of Igloo B-1050 (AOC 28), Facing Southwest, Taken on July 17, 2008

Figure 48. Photograph of Igloo B-1051 (AOC 28), Facing South, Taken on July 17, 2008

Figure 49. Photograph of Igloo B-1052 (AOC 28), Facing South, Taken on July 17, 2008

Figure 50. Photograph of Igloo B-1053 (AOC 28), Facing South, Taken on July 17, 2008

Figure 51. Photograph of Igloo B-1054 (AOC 28), Facing South, Taken on July 17, 2008

Figure 52. Photograph of Igloo B-1054 (AOC 28), Facing Southwest, Taken on July 17, 2008

Figure 53. Photograph of Igloo B-1055 (AOC 28), Facing South, Taken on July 17, 2008

Figure 54. Photograph of Igloo B-1056 (AOC 28), Facing South, Taken on July 17, 2008

Figure 55. Photograph of Igloo B-1057 (AOC 28), Facing South, Taken on July 17, 2008

Figure 56. Photograph of Igloo B-1058 (AOC 28), Facing South, Taken on July 17, 2008

Figure 57. Photograph of Igloo B-1059 (AOC 28), Facing South, Taken on July 17, 2008

Figure 58. Photograph of Igloo B-1060 (AOC 28), Facing South, Taken on July 17, 2008

Figure 59. Photograph of Igloo B-1061 (AOC 28), Facing South, Taken on July 17, 2008

Figure 60. Photograph of Igloo B-1062 (AOC 28), Facing South, Taken on July 21, 2008

Figure 61. Photograph of Igloo B-1063 (AOC 28), Facing South, Taken on July 21, 2008

Figure 62. Photograph of Igloo B-1064 (AOC 28), Facing South, Taken on July 21, 2008

Figure 63. Photograph of Igloo B-1065 (AOC 28), Facing South, Taken on July 21, 2008

Figure 64. Photograph of Igloo B-1066 (AOC 28), Facing South, Taken on July 21, 2008

Figure 65. Photograph of Igloo B-1067 (AOC 28), Facing South, Taken on July 21, 2008

Figure 66. Photograph of Igloo B-1068 (AOC 28), Facing South, Taken on July 21, 2008

Figure 67. Photograph of Igloo B-1069 (AOC 28), Facing South, Taken on July 21, 2008

Figure 68. Photograph of Igloo B-1070 (AOC 28), Facing South, Taken on July 21, 2008

Figure 69. Photograph of Igloo B-1071 (AOC 28), Facing South, Taken on July 21, 2008

Figure 70. Photograph of Igloo B-1072 (AOC 28), Facing South, Taken on July 21, 2008

Figure 71. Photograph of Igloo B-1073 (AOC 28), Facing South, Taken on July 15, 2008

Figure 72. Photograph of Igloo B-1073 (AOC 28), Facing Southwest, Taken on July 15, 2008

Figure 73. Photograph of Igloo B-1074 (AOC 28), Facing South, Taken on July 23, 2008

Figure 74. Photograph of Igloo B-1075 (AOC 28), Facing South, Taken on July 21, 2008

Figure 75. Photograph of Igloo B-1076 (AOC 28), Facing South, Taken on July 21, 2008

Figure 76. Photograph of Igloo B-1077 (AOC 28), Facing South, Taken on July 21, 2008

Figure 77. Photograph of Igloo B-1078 (AOC 28), Facing South, Taken on July 23, 2008

Figure 78. Photograph of Igloo B-1079 (AOC 28), Facing South, Taken on July 23, 2008

Figure 79. Photograph of Igloo B-1080 (AOC 28), Facing South, Taken on July 23, 2008

Figure 80. Photograph of Igloo B-1081 (AOC 28), Facing South, Taken on July 15, 2008

Figure 81. Photograph of Igloo B-1081 (AOC 28), Facing Southwest, Taken on July 15, 2008

Figure 82. Photograph of Igloo B-1082 (AOC 28), Facing South, Taken on July 23, 2008

Figure 83. Photograph of Igloo B-1083 (AOC 28), Facing South, Taken on July 23, 2008

Figure 84. Photograph of Igloo B-1084 (AOC 28), Facing South, Taken on July 23, 2008

Figure 85. Photograph of Igloo B-1085 (AOC 28), Facing South, Taken on July 23, 2008

Figure 86. Photograph of Igloo B-1086 (AOC 28), Facing South, Taken on July 23, 2008

Figure 87. Photograph of Igloo B-1086 (AOC 28), Facing Southwest, Taken on July 23, 2008

Figure 88. Photograph of Igloo B-1087 (AOC 28), Facing South, Taken on July 15, 2008

Figure 89. Photograph of Igloo B-1087 (AOC 28), Facing Southwest, Taken on July 15, 2008

Figure 90. Photograph of Igloo B-1088 (AOC 28), Facing South, Taken on July 23, 2008

Figure 91. Photograph of Igloo B-1089 (AOC 28), Facing South, Taken on July 23, 2008

Figure 92. Photograph of Igloo B-1090 (AOC 28), Facing South, Taken on July 23, 2008

Figure 93. Photograph of Igloo B-1091 (AOC 28), Facing South, Taken on July 23, 2008

Figure 94. Photograph of Igloo B-1092 (AOC 28), Facing South, Taken on July 23, 2008

Figure 95. Photograph of Igloo B-1093 (AOC 28), Facing South, Taken on July 23, 2008

Figure 96. Photograph of Igloo B-1094 (AOC 28), Facing South, Taken on July 23, 2008

Figure 97. Photograph of Igloo B-1095 (AOC 28), Facing South, Taken on July 23, 2008

Figure 98. Photograph of Igloo B-1096 (AOC 28), Facing South, Taken on July 23, 2008

Figure 99. Photograph of Igloo B-1097 (AOC 28), Facing South, Taken on July 23, 2008

Figure 100. Photograph of Igloo B-1098 (AOC 28), Facing South, Taken on July 23, 2008

Figure 101. Photograph of Igloo B-1099 (AOC 28), Facing South, Taken on July 23, 2008

Figure 102. Photograph of Igloo B-1100 (AOC 28), Facing South, Taken on July 23, 2008

Figure 103. Photograph of Revetment Y-B1002 (AOC 28), Facing South, Taken on July 15, 2008

Figure 104. Photograph of Revetment Y-B1002 (AOC 28), Facing South, Taken on July 15, 2008

Figure 105. Photograph of Revetment Y-B1003 (AOC 28), Facing South, Taken on July 15, 2008

Figure 106. Photograph of Revetment Y-B1003 (AOC 28), Facing South, Taken on July 15, 2008

Figure 107. Photograph of Revetment Y-B1004 (AOC 28), Facing South, Taken on July 15, 2008

Figure 108. Photograph of Revetment Y-B1004 (AOC 28), Facing South, Taken on July 15, 2008

Figure 109. Photograph of Revetment Y-B1005 (AOC 28), Facing South, Taken on July 15, 2008

Figure 110. Photograph of Revetment Y-B1005 (AOC 28), Facing South, Taken on July 15, 2008

Figure 111. Photograph of Revetment Y-B1006 (AOC 28), Facing South, Taken on July 15, 2008

Figure 112. Photograph of Revetment Y-B1006 (AOC 28), Facing South, Taken on July 15, 2008

Figure 113. Photograph of Revetment Y-B1008 (AOC 28), Facing South, Taken on July 15, 2008

Figure 114. Photograph of Revetment Y-B1008 (AOC 28), Facing South, Taken on July 15, 2008

Figure 115. Photograph of Revetment Y-B1009 (AOC 28), Facing South, Taken on July 15, 2008

Figure 116. Photograph of Revetment Y-B1009 (AOC 28), Facing South, Taken on July 15, 2008

Figure 117. Photograph of Revetment Y-B1011 (AOC 28), Facing South, Taken on July 15, 2008

Figure 118. Photograph of Revetment Y-B1011 (AOC 28), Facing South, Taken on July 15, 2008

Figure 119. Photograph of Revetment Y-B1013 (AOC 28), Facing South, Taken on July 15, 2008

Figure 120. Photograph of Revetment Y-B1013 (AOC 28), Facing South, Taken on July 15, 2008

Figure 121. Photograph of Revetment Y-B1014 (AOC 28), Facing South, Taken on July 15, 2008

Figure 122. Photograph of Revetment Y-B1014 (AOC 28), Facing South, Taken on July 15, 2008

Figure 123. Photograph of Revetment Y-B1015 (AOC 28), Facing South, Taken on July 15, 2008

Figure 124. Photograph of Revetment Y-B1015 (AOC 28), Facing South, Taken on July 15, 2008

Figure 125. Photograph of Revetment Y-B1017 (AOC 28), Facing South, Taken on July 15, 2008

Figure 126. Photograph of Revetment Y-B1017 (AOC 28), Facing South, Taken on July 15, 2008

Figure 127. Photograph of Revetment Y-B1018 (AOC 28), Facing South, Taken on July 15, 2008

Figure 128. Photograph of Revetment Y-B1018 (AOC 28), Facing South, Taken on July 15, 2008

Figure 129. Photograph of Revetment Y-B1019 (AOC 28), Facing South, Taken on July 15, 2008

Figure 130. Photograph of Revetment Y-B1019 (AOC 28), Facing South, Taken on July 15, 2008

Figure 131. Photograph of Revetment Y-B1021 (AOC 28), Facing South, Taken on July 15, 2008

Figure 132. Photograph of Revetment Y-B1021 (AOC 28), Facing South, Taken on July 15, 2008

Figure 133. Photograph of Revetment Y-B1022 (AOC 28), Facing South, Taken on July 15, 2008

Figure 134. Photograph of Revetment Y-B1022 (AOC 28), Facing South, Taken on July 15, 2008

Figure 135. Photograph of Revetment Y-B1023 (AOC 28), Facing South, Taken on July 15, 2008

Figure 136. Photograph of Revetment Y-B1023 (AOC 28), Facing South, Taken on July 15, 2008

Figure 137. Photograph of Revetment Y-B1024 (AOC 28), Facing South, Taken on July 15, 2008

Figure 138. Photograph of Revetment Y-B1024 (AOC 28), Facing South, Taken on July 15, 2008

Figure 139. Photograph of Revetment Y-B1025 (AOC 28), Facing South, Taken on July 15, 2008

Figure 140. Photograph of Revetment Y-B1025 (AOC 28), Facing South, Taken on July 15, 2008

Figure 141. Photograph of Revetment Y-B1027 (AOC 28), Facing South, Taken on July 14, 2008

Figure 142. Photograph of Revetment Y-B1027 (AOC 28), Facing South, Taken on July 14, 2008

Figure 143. Photograph of Revetment Y-B1028 (AOC 28), Facing South, Taken on July 14, 2008

Figure 144. Photograph of Revetment Y-B1028 (AOC 28), Facing South, Taken on July 14, 2008

Figure 145. Photograph of Revetment Y-B1029 (AOC 28), Facing South, Taken on July 14, 2008

Figure 146. Photograph of Revetment Y-B1029 (AOC 28), Facing South, Taken on July 14, 2008

Figure 147. Photograph of Revetment Y-B1030 (AOC 28), Facing South, Taken on July 14, 2008

Figure 148. Photograph of Revetment Y-B1030 (AOC 28), Facing South, Taken on July 14, 2008

Figure 149. Photograph of Revetment Y-B1032 (AOC 28), Facing South, Taken on July 15, 2008

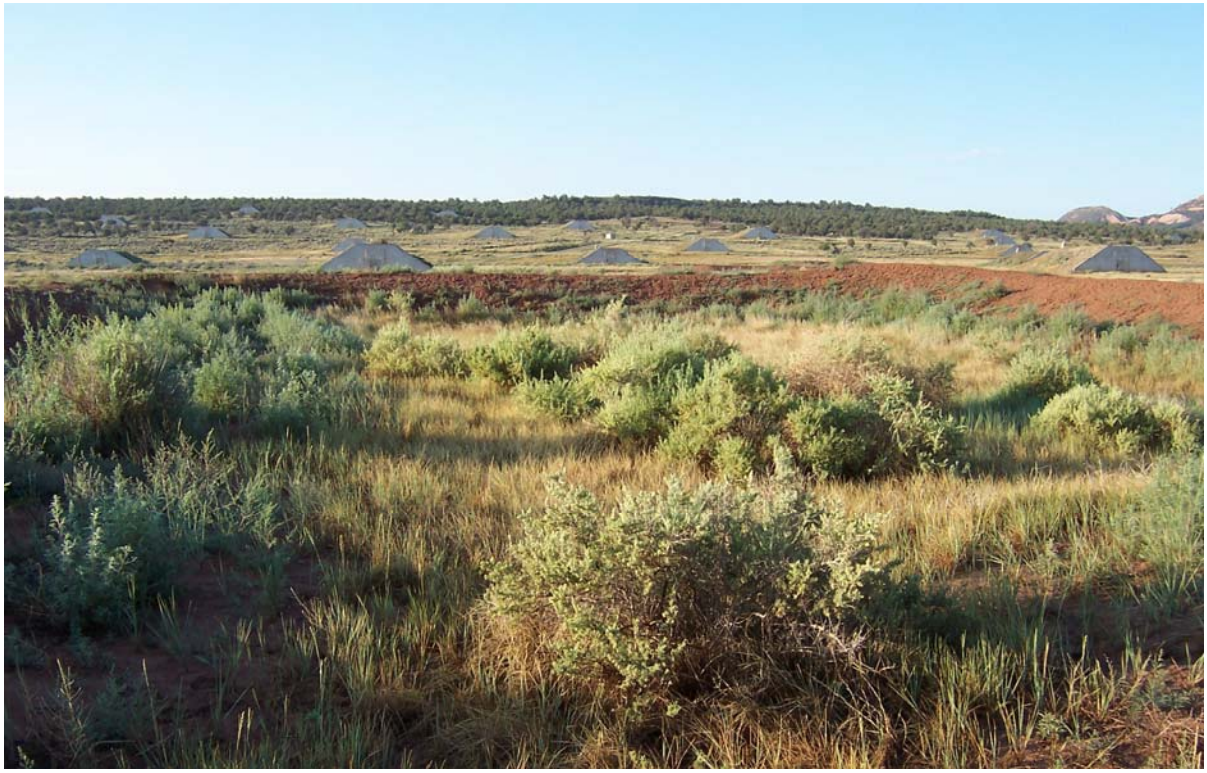

Figure 150. Photograph of Revetment Y-B1033 (AOC 28), Facing South, Taken on July 15, 2008

Figure 151. Photograph of Revetment Y-B1034 (AOC 28), Facing South, Taken on July 15, 2008

Figure 152. Photograph of Revetment Y-B1034 (AOC 28), Facing South, Taken on July 15, 2008

Figure 153. Photograph of Revetment Y-B1035 (AOC 28), Facing South, Taken on July 15, 2008

Figure 154. Photograph of Revetment Y-B1035 (AOC 28), Facing South, Taken on July 15, 2008

Figure 155. Photograph of Revetment Y-B1036 (AOC 28), Facing South, Taken on July 15, 2008

Figure 156. Photograph of Revetment Y-B1036 (AOC 28), Facing South, Taken on July 15, 2008

Figure 157. Photograph of Revetment Y-B1038 (AOC 28), Facing South, Taken on July 14, 2008

Figure 158. Photograph of Revetment Y-B1038 (AOC 28), Facing South, Taken on July 14, 2008

Figure 159. Photograph of Revetment Y-B1039 (AOC 28), Facing South, Taken on July 14, 2008

Figure 160. Photograph of Revetment Y-B1039 (AOC 28), Facing South, Taken on July 14, 2008

Figure 161. Photograph of Revetment Y-B1040 (AOC 28), Facing South, Taken on July 14, 2008

Figure 162. Photograph of Revetment Y-B1040 (AOC 28), Facing South, Taken on July 14, 2008

Figure 163. Photograph of Revetment Y-B1041 (AOC 28), Facing South, Taken on July 14, 2008

Figure 164. Photograph of Revetment Y-B1041 (AOC 28), Facing South, Taken on July 14, 2008

Figure 165. Photograph of Revetment Y-B1042 (AOC 28), Facing South, Taken on July 14, 2008

Figure 166. Photograph of Revetment Y-B1042 (AOC 28), Facing South, Taken on July 14, 2008

Figure 167. Photograph of Revetment Y-B1043 (AOC 28), Facing South, Taken on July 14, 2008

Figure 168. Photograph of Revetment Y-B1043 (AOC 28), Facing South, Taken on July 14, 2008

Figure 169. Photograph of Revetment Y-B1045 (AOC 28), Facing South, Taken on July 14, 2008

Figure 170. Photograph of Revetment Y-B1045 (AOC 28), Facing South, Taken on July 14, 2008

Figure 171. Photograph of Revetment Y-B1045 (AOC 28), Facing South, Taken on July 14, 2008

Figure 172. Photograph of Revetment Y-B1046 (AOC 28), Facing South, Taken on July 14, 2008

Figure 173. Photograph of Revetment Y-B1046 (AOC 28), Facing South, Taken on July 14, 2008

Figure 174. Photograph of Revetment Y-B1047 (AOC 28), Facing South, Taken on July 14, 2008

Figure 175. Photograph of Revetment Y-B1047 (AOC 28), Facing South, Taken on July 14, 2008

Figure 176. Photograph of Revetment Y-B1048 (AOC 28), Facing South, Taken on July 14, 2008

Figure 177. Photograph of Revetment Y-B1048 (AOC 28), Facing South, Taken on July 14, 2008

Figure 178. Photograph of Revetment Y-B1051 (AOC 28), Facing South, Taken on July 14, 2008

Figure 179. Photograph of Revetment Y-B1051 (AOC 28), Facing South, Taken on July 14, 2008

Figure 180. Photograph of Revetment Y-B1052 (AOC 28), Facing South, Taken on July 14, 2008

Figure 181. Photograph of Revetment Y-B1052 (AOC 28), Facing South, Taken on July 14, 2008

Figure 182. Photograph of Revetment Y-B1055 (AOC 28), Facing South, Taken on July 14, 2008

Figure 183. Photograph of Revetment Y-B1055 (AOC 28), Facing South, Taken on July 14, 2008

Figure 184. Photograph of Revetment Y-B1058 (AOC 28), Facing South, Taken on July 14, 2008

Figure 185. Photograph of Revetment Y-B1058 (AOC 28), Facing South, Taken on July 14, 2008

Figure 186. Photograph of Revetment Y-B1059 (AOC 28), Facing South, Taken on July 14, 2008

Figure 187. Photograph of Revetment Y-B1059 (AOC 28), Facing South, Taken on July 14, 2008

Figure 188. Photograph of Revetment Y-B1060 (AOC 28), Facing South, Taken on July 14, 2008

Figure 189. Photograph of Revetment Y-B1060 (AOC 28), Facing South, Taken on July 14, 2008

Figure 190. Photograph of Revetment Y-B1061 (AOC 28), Facing South, Taken on July 14, 2008

Figure 191. Photograph of Revetment Y-B1061 (AOC 28), Facing South, Taken on July 14, 2008

Figure 192. Photograph of Revetment Y-B1066 (AOC 28), Facing South, Taken on July 14, 2008

Figure 193. Photograph of Revetment Y-B1066 (AOC 28), Facing South, Taken on July 14, 2008

Figure 194. Photograph of Revetment Y-B1067 (AOC 28), Facing South, Taken on July 14, 2008

Figure 195. Photograph of Revetment Y-B1067 (AOC 28), Facing South, Taken on July 14, 2008

Figure 196. Photograph of Revetment Y-B1068 (AOC 28), Facing South, Taken on July 14, 2008

Figure 197. Photograph of Revetment Y-B1068 (AOC 28), Facing South, Taken on July 14, 2008

Figure 198. Photograph of Revetment Y-B1072 (AOC 28), Facing South, Taken on July 14, 2008

Figure 199. Photograph of Revetment Y-B1072 (AOC 28), Facing South, Taken on July 14, 2008

Figure 200. Photograph of Revetment Y-B1074 (AOC 28), Facing South, Taken on July 14, 2008

Figure 201. Photograph of Revetment Y-B1074 (AOC 28), Facing South, Taken on July 14, 2008

Figure 202. Photograph of Revetment Y-B1083 (AOC 28), Facing South, Taken on July 14, 2008

Figure 203. Photograph of Revetment Y-B1083 (AOC 28), Facing South, Taken on July 14, 2008

Figure 204. Photograph of Revetment Y-B1084 (AOC 28), Facing South, Taken on July 14, 2008

Figure 205. Photograph of Revetment Y-B1084 (AOC 28), Facing South, Taken on July 14, 2008

Figure 206. Photograph of Revetment Y-B1085 (AOC 28), Facing South, Taken on July 14, 2008

Figure 207. Photograph of Revetment Y-B1085 (AOC 28), Facing South, Taken on July 14, 2008

Figure 208. Photograph of Revetment Y-B1086 (AOC 28), Facing South, Taken on July 14, 2008

Figure 209. Photograph of Revetment Y-B1086 (AOC 28), Facing South, Taken on July 14, 2008

Figure 210. Photograph of AOC 42 (Building 516), Facing South inside building, Taken on July 18, 2008

Figure 211. Photograph of AOC 42 (Building 516), Facing South, Taken on July 18, 2008

Figure 212. Photograph of AOC 42 (Building 516), Facing North, Taken on July 18, 2008

Figure 213. Photograph of AOC 61 (Building 507), Facing East, Taken on July 18, 2008

Figure 214. Photograph of AOC 61 (Building 507), Facing South, Taken on July 18, 2008

Figure 215. Photograph of AOC 75 (T01, at Building 51), Facing South, Taken on July 30, 2008

Figure 216. Photograph of AOC 75 (T02, at Building 31), Facing Northeast, Taken on July 30, 2008

Figure 217. Photograph of AOC 75 (T02, at Building 31), Facing Southwest, Taken on July 30, 2008

Figure 218. Photograph of AOC 75 (T03, North of Building 516), Facing Southeast, Taken July 30, 2008

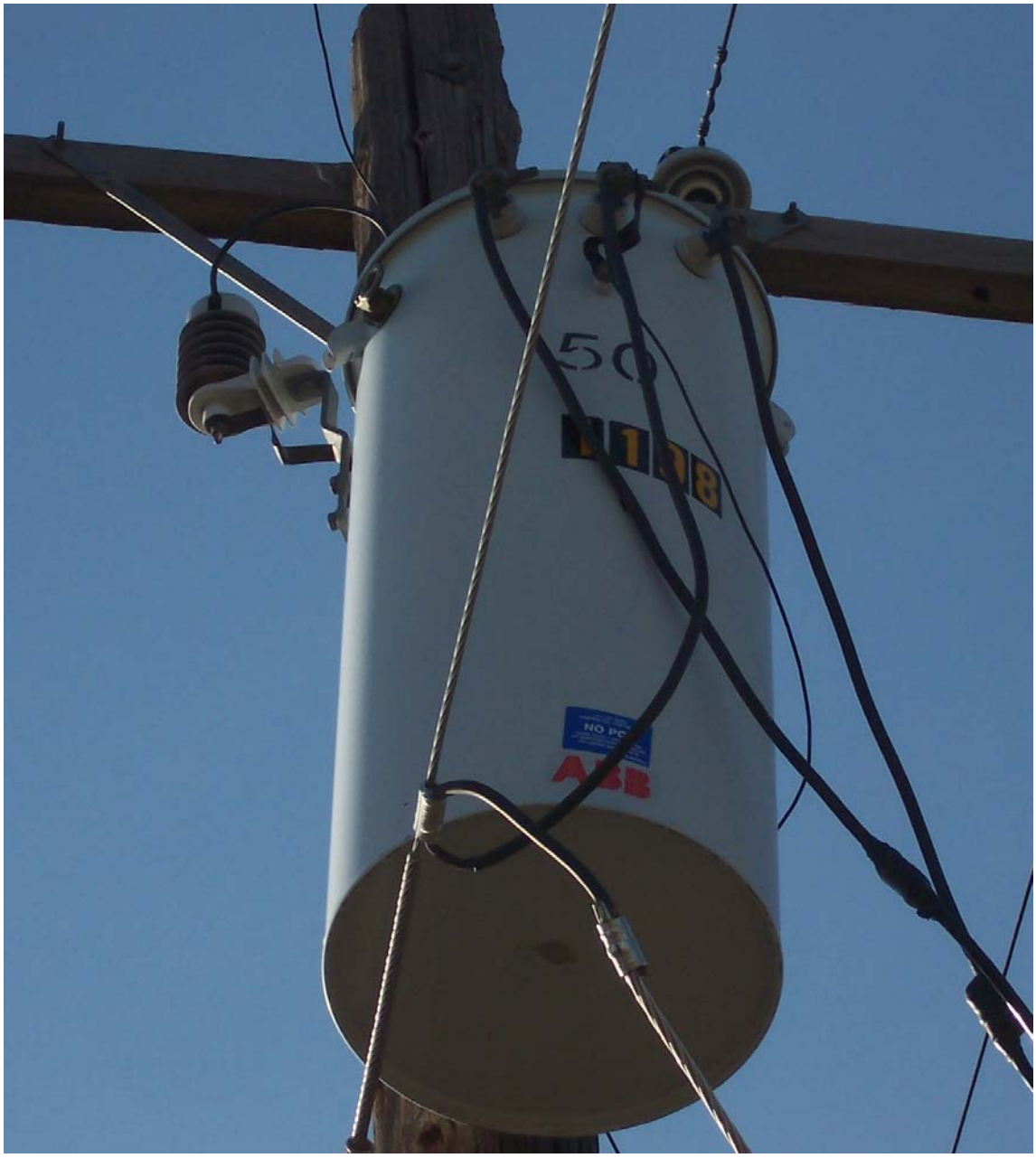

Figure 219. Photograph of AOC 75 (T03, North of Building 516), Facing Northwest, Taken July 30, 2008

Figure 220. Photograph of AOC 75 (T04, at Building 537), Facing Northeast, Taken on July 30, 2008

Figure 221. Photograph of AOC 75 (T04, at Building 537), Facing Southwest, Taken on July 30, 2008

Figure 222. Photograph of AOC 78A, Facing East, Taken on July 30, 2008

Figure 223. Photograph of AOC 78B, Facing East, Taken on July 30, 2008

Figure 224. Photograph of AOC 78C, Facing North, Taken on July 30, 2008

Figure 225. Photograph of AOC 78D, Facing North, Taken on July 30, 2008

Figure 226. Photograph of AOC 79, Facing Northeast, Taken on July 29, 2008

Figure 227. Photograph of AOC 79, Facing Northeast, Taken on July 29, 2008

Figure 228. Photograph of AOC 79, Facing East, Taken on July 29, 2008

Figure 229. Photograph of AOC 80, Facing Northeast, Taken on July 21, 2008

Figure 230. Photograph of AOC 80, Facing Southwest, Taken on July 21, 2008

Figure 231. Photograph of AOC 81, Facing Northeast, Taken on July 18, 2008

Figure 232. Photograph of AOC 81, Facing South, Taken on July 18, 2008

Figure 233. Photograph of AOC 83, Facing Southwest, Taken on July 18, 2008

Figure 234. Photograph of AOC 83, Facing West, Taken on July 18, 2008

Figure 235. Photograph of AOC 83, Facing West, Taken on July 18, 2008

Figure 236. Photograph of AOC 84, Facing Southwest, Taken on July 21, 2008

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Appendix G
Laboratory Data and Chain of Custody Forms

Installation	Project	ProjectNumber	Site	Location	Sample Date	Sample Time	LabName	SDG	COC Number	NativeID	LabsampleID	Method	ParamID	Lab Method	Matrix	QAQC Type	LRType	ReceiveDate	ExtractDate	AnalysisDate	Analyte	Result	LabFlag	DetectLimit	Units	CAS	Dilution	PercentSolids	LabLotNumber	ExpectedValue	Recovery	RecoveryUnits	Surrogate	ParValUncert	RL	ExtractTime	AnalysisTime	MethodExtraction	LCL	UCL	precision	Validation Comments	Final Result	Final Validation Flag	Basis	ConcQual	LowerControlLimit	UpperControlLimit	MDLAdjusted	RLAdjusted	SampleTime	ParentSample	SampleMethod	Depth From	Depth To	Depth Units	Sampler Initials	Lab Name	FieldFiltered
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW6010B	PB	SW6010	WATER	EB		7/28/2008	7/31/2008	8/2/2008	Lead	4.4	J	1.4	ug/L	7439-92-1	1	0	26074			percent	N		4.6	1/0/1900	1/0/1900	TOTAL			1		4.4	J	X	J			1.4	4.6	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW6010B	PB	SW6010	WATER	EB		7/21/2008	7/23/2008	7/24/2008	Lead	4.6	U	1.4	ug/L	7439-92-1	1	0	25972			percent	N		4.6	1/0/1900	1/0/1900	TOTAL			1		4.6	U	X	U			1.4	4.6	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW6010B	PB	SW6010	WATER	EB		7/28/2008	7/31/2008	8/2/2008	Lead	3.3	J	1.4	ug/L	7439-92-1	1	0	26074			percent	N		4.6	1/0/1900	1/0/1900	TOTAL			1		3.3	J	X	J			1.4	4.6	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	584011	SW6010B	PB	SW6010	WATER	LR	D	7/23/2008	7/23/2008	7/24/2008	Lead	4.6	U	1.4	ug/L	7439-92-1	1	0	25972	0.82		percent	N		4.6	1/0/1900	1/0/1900	TOTAL			1		4.6	Exclude	X	U			1.4	4.6	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	587718	SW6010B	PB	SW6010	WATER	LR	D	7/31/2008	7/31/2008	8/2/2008	Lead	2.9	J	1.4	ug/L	7439-92-1	1	0	26074	3.3		percent	N		4.6	1/0/1900	1/0/1900	TOTAL			1		2.9	Exclude	X	J			1.4	4.6	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78-T01-EB-072408	585905	SW8082	PCB1016	SW8082	WATER	EB		7/28/2008	7/29/2008	8/4/2008	Aroclor 1016	0.38	UQ	0.12	ug/L	12674-11-2	1	0	26065			percent	N		0.38	1/0/1900	1/0/1900	SW3510			2		0.38	UQ	X	U			0.12	0.38	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78-T01-EB-072408	585905	SW8082	PCB1221	SW8082	WATER	EB		7/28/2008	7/29/2008	8/4/2008	Aroclor 1221	0.24	U	0.072	ug/L	11104-28-2	1	0	26065			percent	N		0.24	1/0/1900	1/0/1900	SW3510			2		0.24	U	X	U			0.072	0.24	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78-T01-EB-072408	585905	SW8082	PCB1232	SW8082	WATER	EB		7/28/2008	7/29/2008	8/4/2008	Aroclor 1232	0.47	U	0.14	ug/L	11141-16-5	1	0	26065			percent	N		0.47	1/0/1900	1/0/1900	SW3510			2		0.47	U	X	U			0.14	0.47	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78-T01-EB-072408	585905	SW8082	PCB1242	SW8082	WATER	EB		7/28/2008	7/29/2008	8/4/2008	Aroclor 1242	0.33	U	0.097	ug/L	53469-21-9	1	0	26065		paul wingate	percent	N		0.32	1/0/1900	1/0/1900	SW3510			2		0.33	U	X	U			0.097	0.33	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78-T01-EB-072408	585905	SW8082	PCB1248	SW8082	WATER	EB		7/28/2008	7/29/2008	8/4/2008	Aroclor 1248	0.4	U	0.12	ug/L	12672-29-6	1	0	26065			percent	N		0.39	1/0/1900	1/0/1900	SW3510			1		0.4	U	X	U			0.12	0.4	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78-T01-EB-072408	585905	SW8082	PCB1254	SW8082	WATER	EB		7/28/2008	7/29/2008	8/4/2008	Aroclor 1254	0.26	U	0.077	ug/L	11097-69-1	1	0	26065			percent	N		0.25	1/0/1900	1/0/1900	SW3510			2		0.26	U	X	U			0.077	0.26	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78-T01-EB-072408	585905	SW8082	PCB1260	SW8082	WATER	EB		7/28/2008	7/29/2008	8/4/2008	Aroclor 1260	0.39	UQ	0.12	ug/L	11096-82-5	1	0	26065			percent	N		0.38	1/0/1900	1/0/1900	SW3510			2		0.39	UQ	X	U			0.12	0.39	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78-T01-EB-072408	585905	SW8082	CL10BZ2	SW8082	WATER	EB		7/28/2008	7/29/2008	8/4/2008	Decachlorobiphenyl	71			PERCENT	2051-24-3	1	0	26065	100	71	percent	Y			1/0/1900	1/0/1900	SW3510			0		71		X	=	50	150			1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78-T01-EB-072408	585905	SW8082	XYL2456CLM	SW8082	WATER	EB		7/28/2008	7/29/2008	8/4/2008	Tetrachloro-m-xylene	48			PERCENT	877-09-8	1	0	26065	100	48	percent	Y			1/0/1900	1/0/1900	SW3510			0		48		X	=	50	150			1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	DNBZ12	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	1,2-Dinitrobenzene	91			PERCENT	528-29-0	1	0	26053	100	91	percent	Y			1/0/1900	1/0/1900	SW8330B			0		91		X	=	50	150			1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	DNBZ12	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	1,2-Dinitrobenzene	89			PERCENT	528-29-0	1		25970	100	89	percent	Y			1/0/1900	1/0/1900	SW8330B			0		89		X	=	50	150			1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	DNBZ12	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	1,2-Dinitrobenzene	91			PERCENT	528-29-0	1	0	26053	100	91	percent	Y			1/0/1900	1/0/1900	SW8330B			0		91		X	=	50	150			1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	TNB135	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	1,3,5-Trinitrobenzene	2		0.3	ug/L	99-35-4	1	0	26053			percent	N		0.8	1/0/1900	1/0/1900	SW8330B			0		2		X	=			0.3	0.8	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	TNB135	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	1,3,5-Trinitrobenzene	2.4		0.3	ug/L	99-35-4	1	0	26053			percent	N		0.8	1/0/1900	1/0/1900	SW8330B			1		2.4		X	=			0.3	0.8	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	TNB135	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	1,3,5-Trinitrobenzene	1.5		0.3	ug/L	99-35-4	1	0	25970			percent	N		0.8	1/0/1900	1/0/1900	SW8330B			1		1.5		X	=			0.3	0.8	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	DNB13	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	1,3-Dinitrobenzene	0.9	U	0.3	ug/L	99-65-0	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	DNB13	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	1,3-Dinitrobenzene	0.9	U	0.3	ug/L	99-65-0	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	DNB13	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	1,3-Dinitrobenzene	0.9	U	0.3	ug/L	99-65-0	1	0	25970			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	TNT	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	2,4,6-Trinitrotoluene	1	U	0.3	ug/L	118-96-7	1	0	26053			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	TNT	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	2,4,6-Trinitrotoluene	1	U	0.3	ug/L	118-96-7	1	0	26053			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	TNT	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	2,4,6-Trinitrotoluene	1	U	0.3	ug/L	118-96-7	1	0	25970			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	DNT24	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	2,4-Dinitrotoluene	1	U	0.3	ug/L	121-14-2	1	0	26053			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	DNT24	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	2,4-Dinitrotoluene	1	U	0.3	ug/L	121-14-2	1	0	26053			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	DNT24	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	2,4-Dinitrotoluene	1	U	0.3	ug/L	121-14-2	1	0	25970			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	DNT26	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	2,6-Dinitrotoluene	0.9	U	0.3	ug/L	606-20-2	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	DNT26	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	2,6-Dinitrotoluene	0.9	U	0.3	ug/L	606-20-2	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	DNT26	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	2,6-Dinitrotoluene	0.9	U	0.3	ug/L	606-20-2	1	0	25970			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	A2DNT46	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	2-Amino-4,6-dinitrotoluene	0.8	U	0.3	ug/L	35572-78-2	1	0	26053			percent	N		0.8	1/0/1900	1/0/1900	SW8330B			1		0.8	U	X	U			0.3	0.8	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	A2DNT46	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	2-Amino-4,6-dinitrotoluene	0.8	U	0.3	ug/L	35572-78-2	1	0	25970			percent	N		0.8	1/0/1900	1/0/1900	SW8330B			1		0.8	U	X	U			0.3	0.8	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	A2DNT46	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	2-Amino-4,6-dinitrotoluene	0.8	U	0.3	ug/L	35572-78-2	1	0	26053			percent	N		0.8	1/0/1900	1/0/1900	SW8330B			1		0.8	U	X	U			0.3	0.8	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	NBZME2	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	2-Nitrotoluene	1	U	0.3	ug/L	88-72-2	1	0	26053			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	NBZME2	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	2-Nitrotoluene	1	U	0.3	ug/L	88-72-2	1	0	26053			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	NBZME2	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	2-Nitrotoluene	1	U	0.3	ug/L	88-72-2	1	0	25970			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	NBZME3	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	3-Nitrotoluene	1	U	0.3	ug/L	99-08-1	1	0	26053			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	NBZME3	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	3-Nitrotoluene	1	U	0.3	ug/L	99-08-1	1	0	25970			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	NBZME3	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	3-Nitrotoluene	1	U	0.3	ug/L	99-08-1	1	0	26053			percent	N		1	1/0/1900	1/0/1900	SW8330B			0		1	U	X	U			0.3	1	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	A4DNT26	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	4-Amino-2,6-dinitrotoluene	0.9	U	0.3	ug/L	19406-51-0	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	A4DNT26	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	4-Amino-2,6-dinitrotoluene	0.9	U	0.3	ug/L	19406-51-0	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	A4DNT26	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	4-Amino-2,6-dinitrotoluene	0.9	U	0.3	ug/L	19406-51-0	1	0	25970			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	NBZME4	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	4-Nitrotoluene	0.9	U	0.3	ug/L	99-99-0	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	NBZME4	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	4-Nitrotoluene	0.9	U	0.3	ug/L	99-99-0	1	0	25970			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	NBZME4	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	4-Nitrotoluene	0.9	U	0.3	ug/L	99-99-0	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	HMX	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	HMX	0.9	U	0.3	ug/L	2691-41-0	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	HMX	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	HMX	0.54	J	0.3	ug/L	2691-41-0	1	0	25970			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			2	Laboratory flag changed from "JP" to "J"	0.54	J	X	J			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	HMX	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	HMX	0.9	U	0.3	ug/L	2691-41-0	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	NO2BZ	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	Nitrobenzene	0.9	U	0.3	ug/L	98-95-3	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	NO2BZ	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	Nitrobenzene	0.9	U	0.3	ug/L	98-95-3	1	0	25970			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	NO2BZ	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	Nitrobenzene	0.9	U	0.3	ug/L	98-95-3	1	0	26053			percent	N		0.9	1/0/1900	1/0/1900	SW8330B			1		0.9	U	X	U			0.3	0.9	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	NTG	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	Nitroglycerin	7.7	U	2.3	ug/L	55-63-0	1	0	26053			percent	N		7.7	1/0/1900	1/0/1900	SW8330B			1		7.7	U	X	U			2.3	7.7	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	NTG	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	Nitroglycerin	7.7	U	2.3	ug/L	55-63-0	1	0	25970			percent	N		7.7	1/0/1900	1/0/1900	SW8330B			1		7.7	U	X	U			2.3	7.7	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	NTG	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	Nitroglycerin	7.7	U	2.3	ug/L	55-63-0	1	0	26053			percent	N		7.7	1/0/1900	1/0/1900	SW8330B			1		7.7	U	X	U			2.3	7.7	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	PETN	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	PETN	15	U	4.4	ug/L	78-11-5	1	0	26053			percent	N		15	1/0/1900	1/0/1900	SW8330B			0		15	U	X	U			4.4	15	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	PETN	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	PETN	15	U	4.4	ug/L	78-11-5	1	0	26053			percent	N		15	1/0/1900	1/0/1900	SW8330B			0		15	U	X	U			4.4	15	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	PETN	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	PETN	15	U	4.4	ug/L	78-11-5	1	0	25970			percent	N		15	1/0/1900	1/0/1900	SW8330B			0		15	U	X	U			4.4	15	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	RDX	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	RDX	0.94		0.3	ug/L	121-82-4	1	0	26053			percent	N		0.7	1/0/1900	1/0/1900	SW8330B			2		0.94		X	=			0.3	0.7	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	RDX	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	RDX	1.2		0.3	ug/L	121-82-4	1	0	26053			percent	N		0.7	1/0/1900	1/0/1900	SW8330B			1		1.2		X	=			0.3	0.7	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	RDX	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	RDX	0.94		0.3	ug/L	121-82-4	1	0	25970			percent	N		0.7	1/0/1900	1/0/1900	SW8330B			2		0.94		X	=			0.3	0.7	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB02-072208	585886	SW8330	TETRYL	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	Tetryl	0.7	U	0.2	ug/L	479-45-8	1	0	26053			percent	N		0.7	1/0/1900	1/0/1900	SW8330B			1		0.7	U	X	U			0.2	0.7	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-EB-07172008	582877	SW8330	TETRYL	SW8330B	WATER	EB		7/21/2008	7/23/2008	7/25/2008	Tetryl	0.7	U	0.2	ug/L	479-45-8	1	0	25970			percent	N		0.7	1/0/1900	1/0/1900	SW8330B			1		0.7	U	X	U			0.2	0.7	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR		Field QC	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-EB03-072408	585889	SW8330	TETRYL	SW8330B	WATER	EB		7/28/2008	7/28/2008	8/3/2008	Tetryl	0.7	U	0.2	ug/L	479-45-8	1	0	26053			percent	N		0.7	1/0/1900	1/0/1900	SW8330B			1		0.7	U	X	U			0.2	0.7	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW6010B	PB	SW6010	Soil	N		7/31/2008	8/6/2008	8/7/2008	Lead	48.8		0.1106	mg/kg	7439-92-1	1	92.2	26118			percent	N		0.3688	1/0/1900	1/0/1900	SW3050			1		48.8		D	=			0.12	0.4	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	DNBZ12	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,2-Dinitrobenzene	88			PERCENT	528-29-0	1	100	26089	100	88	percent	Y			1/0/1900	1/0/1900	SW8330B			0		88		W	=	50	150			1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	TNB135	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,3,5-Trinitrobenzene	0.2	U	0.06	mg/kg	99-35-4	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	DNB13	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,3-Dinitrobenzene	0.13	U	0.04	mg/kg	99-65-0	1	100	26089			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	TNT	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,4,6-Trinitrotoluene	0.24	U	0.08	mg/kg	118-96-7	1	100	26089			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.08	0.24	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	DNT24	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,4-Dinitrotoluene	0.23	U	0.04	mg/kg	121-14-2	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.04	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,6-Dinitrotoluene	0.2	U	0.06	mg/kg	606-20-2	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	A2DNT46	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.06	mg/kg	35572-78-2	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	NBZME2	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2-Nitrotoluene	0.14	U	0.05	mg/kg	88-72-2	1	100	26089			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.05	0.14	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	NBZME3	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	3-Nitrotoluene	0.22	U	0.07	mg/kg	99-08-1	1	100	26089			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.07	0.22	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	A4DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.08	mg/kg	19406-51-0	1	100	26089			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.08	0.25	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	NBZME4	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	4-Nitrotoluene	0.23	U	0.07	mg/kg	99-99-0	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	HMX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	HMX	0.08	J	0.07	mg/kg	2691-41-0	1	100	26089			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.08	J	D	J			0.07	0.21	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	NO2BZ	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Nitrobenzene	0.15	U	0.05	mg/kg	98-95-3	1	100	26089			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.05	0.15	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	NTG	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Nitroglycerin	2	U	0.6	mg/kg	55-63-0	1	100	26089			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.6	2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	PETN	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	PETN	2.6	U	0.8	mg/kg	78-11-5	1	100	26089			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.8	2.6	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	RDX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	RDX	0.18	U	0.06	mg/kg	121-82-4	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DL-SS-072808	588318	SW8330	TETRYL	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Tetryl	0.23	U	0.07	mg/kg	479-45-8	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW6010B	PB	SW6010	Soil	FD		7/31/2008	8/6/2008	8/7/2008	Lead	19.2		0.1115	mg/kg	7439-92-1	1	85.8	26118			percent	N		0.3689	1/0/1900	1/0/1900	SW3050			1		19.2		D	=			0.13	0.43	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW6010B	PB	SW6010	Soil	N		7/31/2008	8/6/2008	8/7/2008	Lead	25.2		0.1108	mg/kg	7439-92-1	1	85.2	26118			percent	N		0.3664	1/0/1900	1/0/1900	SW3050			1		25.2		D	=			0.13	0.43	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	DNBZ12	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,2-Dinitrobenzene	102			PERCENT	528-29-0	1	100	26089	100	102	percent	Y			1/0/1900	1/0/1900	SW8330B			0		102		W	=	50	150			1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	DNBZ12	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	1,2-Dinitrobenzene	96			PERCENT	528-29-0	1	100	26089	100	96	percent	Y			1/0/1900	1/0/1900	SW8330B			0		96		W	=	50	150			1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	TNB135	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	1,3,5-Trinitrobenzene	0.2	U	0.059	mg/kg	99-35-4	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			2		0.2	U	D	U			0.059	0.2	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	TNB135	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,3,5-Trinitrobenzene	0.2	U	0.06	mg/kg	99-35-4	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	DNB13	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	1,3-Dinitrobenzene	0.13	U	0.039	mg/kg	99-65-0	1	100	26089			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.039	0.13	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	DNB13	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,3-Dinitrobenzene	0.13	U	0.04	mg/kg	99-65-0	1	100	26089			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	TNT	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	2,4,6-Trinitrotoluene	0.24	U	0.079	mg/kg	118-96-7	1	100	26089			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.079	0.24	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	TNT	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,4,6-Trinitrotoluene	0.24	U	0.08	mg/kg	118-96-7	1	100	26089			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.08	0.24	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	DNT24	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,4-Dinitrotoluene	0.23	U	0.04	mg/kg	121-14-2	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.04	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	DNT24	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	2,4-Dinitrotoluene	0.23	U	0.039	mg/kg	121-14-2	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.039	0.23	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	DNT26	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	2,6-Dinitrotoluene	0.2	U	0.059	mg/kg	606-20-2	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			2		0.2	U	D	U			0.059	0.2	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,6-Dinitrotoluene	0.2	U	0.06	mg/kg	606-20-2	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	A2DNT46	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.06	mg/kg	35572-78-2	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	A2DNT46	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.059	mg/kg	35572-78-2	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.059	0.18	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	NBZME2	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2-Nitrotoluene	0.14	U	0.05	mg/kg	88-72-2	1	100	26089			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.05	0.14	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	NBZME2	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	2-Nitrotoluene	0.14	U	0.049	mg/kg	88-72-2	1	100	26089			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.049	0.14	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	NBZME3	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	3-Nitrotoluene	0.22	U	0.069	mg/kg	99-08-1	1	100	26089			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.069	0.22	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	NBZME3	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	3-Nitrotoluene	0.22	U	0.07	mg/kg	99-08-1	1	100	26089			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.07	0.22	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	A4DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.08	mg/kg	19406-51-0	1	100	26089			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.08	0.25	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	A4DNT26	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.079	mg/kg	19406-51-0	1	100	26089			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.079	0.25	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	NBZME4	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	4-Nitrotoluene	0.23	U	0.069	mg/kg	99-99-0	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.069	0.23	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	NBZME4	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	4-Nitrotoluene	0.23	U	0.07	mg/kg	99-99-0	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	HMX	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	HMX	0.21	U	0.069	mg/kg	2691-41-0	1	100	26089			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.069	0.21	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	HMX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	HMX	0.21	U	0.07	mg/kg	2691-41-0	1	100	26089			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.07	0.21	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	NO2BZ	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Nitrobenzene	0.15	U	0.05	mg/kg	98-95-3	1	100	26089			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.05	0.15	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	NO2BZ	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	Nitrobenzene	0.15	U	0.049	mg/kg	98-95-3	1	100	26089			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.049	0.15	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	NTG	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	Nitroglycerin	2	U	0.59	mg/kg	55-63-0	1	100	26089			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.59	2	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	NTG	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Nitroglycerin	2	U	0.6	mg/kg	55-63-0	1	100	26089			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.6	2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	PETN	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	PETN	2.6	U	0.8	mg/kg	78-11-5	1	100	26089			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.8	2.6	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	PETN	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	PETN	2.6	U	0.79	mg/kg	78-11-5	1	100	26089			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.79	2.6	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	RDX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	RDX	0.18	U	0.06	mg/kg	121-82-4	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	RDX	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	RDX	0.18	U	0.059	mg/kg	121-82-4	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.059	0.18	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808	588312	SW8330	TETRYL	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Tetryl	0.23	U	0.07	mg/kg	479-45-8	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-DR-SS-072808-DUP	588319	SW8330	TETRYL	SW8330B	Soil	FD		7/31/2008	8/3/2008	8/7/2008	Tetryl	0.23	U	0.069	mg/kg	479-45-8	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.069	0.23	1/0/1900	FWDA-B1017-DR-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW6010B	PB	SW6010	Soil	N		7/31/2008	8/6/2008	8/7/2008	Lead	13.9		0.1087	mg/kg	7439-92-1	1	98.8	26118			percent	N		0.37	1/0/1900	1/0/1900	SW3050			1		13.9		D	=			0.11	0.37	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	DNBZ12	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	1,2-Dinitrobenzene	87			PERCENT	528-29-0	1	100	26139	100	87	percent	Y			1/0/1900	1/0/1900	SW8330B			0		87		W	=	50	150			1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	TNB135	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	1,3,5-Trinitrobenzene	0.2	U	0.06	mg/kg	99-35-4	1	100	26139			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	DNB13	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	1,3-Dinitrobenzene	0.13	U	0.04	mg/kg	99-65-0	1	100	26139			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	TNT	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2,4,6-Trinitrotoluene	0.24	U	0.08	mg/kg	118-96-7	1	100	26139			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.08	0.24	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	DNT24	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2,4-Dinitrotoluene	0.23	U	0.04	mg/kg	121-14-2	1	100	26139			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.04	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	DNT26	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2,6-Dinitrotoluene	0.2	U	0.06	mg/kg	606-20-2	1	100	26139			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	A2DNT46	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.06	mg/kg	35572-78-2	1	100	26139			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	NBZME2	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2-Nitrotoluene	0.14	U	0.05	mg/kg	88-72-2	1	100	26139			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.05	0.14	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	NBZME3	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	3-Nitrotoluene	0.22	U	0.07	mg/kg	99-08-1	1	100	26139			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.07	0.22	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	A4DNT26	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.08	mg/kg	19406-51-0	1	100	26139			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.08	0.25	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	NBZME4	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	4-Nitrotoluene	0.23	U	0.07	mg/kg	99-99-0	1	100	26139			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	HMX	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	HMX	0.21	U	0.07	mg/kg	2691-41-0	1	100	26139			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.07	0.21	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	NO2BZ	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	Nitrobenzene	0.15	U	0.05	mg/kg	98-95-3	1	100	26139			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.05	0.15	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	NTG	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	Nitroglycerin	2	U	0.6	mg/kg	55-63-0	1	100	26139			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.6	2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	PETN	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	PETN	2.6	U	0.8	mg/kg	78-11-5	1	100	26139			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.8	2.6	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	RDX	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	RDX	0.18	U	0.06	mg/kg	121-82-4	1	100	26139			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1017-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1017-SS-072508	588305	SW8330	TETRYL	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	Tetryl	0.23	U	0.07	mg/kg	479-45-8	1	100	26139			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW6010B	PB	SW6010	Soil	N		7/31/2008	8/6/2008	8/7/2008	Lead	21.3		0.1127	mg/kg	7439-92-1	1	93.9	26119			percent	N		0.3662	1/0/1900	1/0/1900	SW3050			1		21.3	J	D	=			0.12	0.39	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	589195	SW6010B	PB	SW6010	Soil	MS		8/6/2008	8/6/2008	8/7/2008	Lead	57.8		0.117	mg/kg	7439-92-1	1	93.9	26119	47.9	137	percent	N		0.394	1/0/1900	1/0/1900	SW3050			1		57.8		D	=	75	125	0.117	0.394	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	589196	SW6010B	PB	SW6010	Soil	LR	D	8/6/2008	8/6/2008	8/7/2008	Lead	23.7		0.117	mg/kg	7439-92-1	1	93.9	26119	21.3		percent	N		0.394	1/0/1900	1/0/1900	SW3050			1		23.7	Exclude	D	=			0.117	0.394	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	DNBZ12	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	1,2-Dinitrobenzene	113			PERCENT	528-29-0	1	100	26089	100	113	percent	Y			1/0/1900	1/0/1900	SW8330B			0		113		W	=	81	117			1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	DNBZ12	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	1,2-Dinitrobenzene	103			PERCENT	528-29-0	1	100	26089	100	103	percent	Y			1/0/1900	1/0/1900	SW8330B			0		103		W	=	50	150			1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	DNBZ12	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	1,2-Dinitrobenzene	112			PERCENT	528-29-0	1	100	26089	100	112	percent	Y			1/0/1900	1/0/1900	SW8330B			0		112		W	=	81	117			1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588708	SW8330	DNBZ12	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	1,2-Dinitrobenzene	97.5			PERCENT	528-29-0	1	100	26089	100	97.5	percent	Y			1/0/1900	1/0/1900	SW8330B			1		97.5		W	=	81	117			1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588707	SW8330	DNBZ12	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	1,2-Dinitrobenzene	92.6			PERCENT	528-29-0	1	100	26089	100	92.6	percent	Y			1/0/1900	1/0/1900	SW8330B			1		92.6		W	=	81	117			1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	TNB135	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	1,3,5-Trinitrobenzene	2.17		0.0602	mg/kg	99-35-4	1	100	26089	2.01	108	percent	N		0.201	1/0/1900	1/0/1900	SW8330B			2		2.17		D	=	75	125	0.0602	0.201	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	TNB135	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	1,3,5-Trinitrobenzene	0.2	U	0.061	mg/kg	99-35-4	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.061	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	TNB135	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	1,3,5-Trinitrobenzene	2.15		0.0598	mg/kg	99-35-4	1	100	26089	1.99	108	percent	N		0.201	1/0/1900	1/0/1900	SW8330B			2		2.15		D	=	75	125	0.0598	0.201	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	DNB13	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	1,3-Dinitrobenzene	0.13	U	0.04	mg/kg	99-65-0	1	100	26089			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	DNB13	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	1,3-Dinitrobenzene	2.19		0.0401	mg/kg	99-65-0	1	100	26089	2.01	109	percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		2.19		D	=	80	125	0.0401	0.13	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	DNB13	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	1,3-Dinitrobenzene	2.13		0.0399	mg/kg	99-65-0	1	100	26089	1.99	107	percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		2.13		D	=	80	125	0.0399	0.13	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	TNT	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	2,4,6-Trinitrotoluene	0.24	U	0.081	mg/kg	118-96-7	1	100	26089			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.081	0.24	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	TNT	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	2,4,6-Trinitrotoluene	2.2		0.0802	mg/kg	118-96-7	1	100	26089	2.01	109	percent	N		0.241	1/0/1900	1/0/1900	SW8330B			1		2.2		D	=	55	140	0.0802	0.241	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	TNT	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	2,4,6-Trinitrotoluene	2.18		0.0798	mg/kg	118-96-7	1	100	26089	1.99	110	percent	N		0.241	1/0/1900	1/0/1900	SW8330B			2		2.18		D	=	55	140	0.0798	0.241	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	DNT24	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	2,4-Dinitrotoluene	0.23	U	0.04	mg/kg	121-14-2	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.04	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	DNT24	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	2,4-Dinitrotoluene	2.27		0.0401	mg/kg	121-14-2	1	100	26089	2.01	113	percent	N		0.231	1/0/1900	1/0/1900	SW8330B			2		2.27		D	=	80	125	0.0401	0.231	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	DNT24	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	2,4-Dinitrotoluene	2.22		0.0399	mg/kg	121-14-2	1	100	26089	1.99	112	percent	N		0.231	1/0/1900	1/0/1900	SW8330B			2		2.22		D	=	80	125	0.0399	0.231	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	2,6-Dinitrotoluene	0.2	U	0.061	mg/kg	606-20-2	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.061	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	DNT26	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	2,6-Dinitrotoluene	2.15		0.0602	mg/kg	606-20-2	1	100	26089	2.01	107	percent	N		0.201	1/0/1900	1/0/1900	SW8330B			2		2.15		D	=	80	120	0.0602	0.201	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	DNT26	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	2,6-Dinitrotoluene	2.09		0.0598	mg/kg	606-20-2	1	100	26089	1.99	105	percent	N		0.201	1/0/1900	1/0/1900	SW8330B			2		2.09		D	=	80	120	0.0598	0.201	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	A2DNT46	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.061	mg/kg	35572-78-2	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.061	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	A2DNT46	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	2-Amino-4,6-dinitrotoluene	2.22		0.0602	mg/kg	35572-78-2	1	100	26089	2.01	110	percent	N		0.181	1/0/1900	1/0/1900	SW8330B			2		2.22		D	=	80	125	0.0602	0.181	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	A2DNT46	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	2-Amino-4,6-dinitrotoluene	2.17		0.0598	mg/kg	35572-78-2	1	100	26089	1.99	109	percent	N		0.181	1/0/1900	1/0/1900	SW8330B			2		2.17		D	=	80	125	0.0598	0.181	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	NBZME2	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	2-Nitrotoluene	0.14	U	0.051	mg/kg	88-72-2	1	100	26089			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.051	0.14	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	NBZME2	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	2-Nitrotoluene	2.05		0.0502	mg/kg	88-72-2	1	100	26089	2.01	102	percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		2.05		D	=	80	125	0.0502	0.14	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	NBZME2	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	2-Nitrotoluene	2.1		0.0499	mg/kg	88-72-2	1	100	26089	1.99	106	percent	N		0.14	1/0/1900	1/0/1900	SW8330B			1		2.1		D	=	80	125	0.0499	0.14	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	NBZME3	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	3-Nitrotoluene	0.22	U	0.071	mg/kg	99-08-1	1	100	26089			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.071	0.22	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	NBZME3	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	3-Nitrotoluene	2.12		0.0702	mg/kg	99-08-1	1	100	26089	2.01	105	percent	N		0.221	1/0/1900	1/0/1900	SW8330B			2		2.12		D	=	75	120	0.0702	0.221	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	NBZME3	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	3-Nitrotoluene	1.98		0.0698	mg/kg	99-08-1	1	100	26089	1.99	99	percent	N		0.221	1/0/1900	1/0/1900	SW8330B			2		1.98		D	=	75	120	0.0698	0.221	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	A4DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.081	mg/kg	19406-51-0	1	100	26089			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.081	0.25	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	A4DNT26	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	4-Amino-2,6-dinitrotoluene	2.14		0.0802	mg/kg	19406-51-0	1	100	26089	2.01	106	percent	N		0.251	1/0/1900	1/0/1900	SW8330B			2		2.14		D	=	80	125	0.0802	0.251	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	A4DNT26	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	4-Amino-2,6-dinitrotoluene	2.07		0.0798	mg/kg	19406-51-0	1	100	26089	1.99	104	percent	N		0.251	1/0/1900	1/0/1900	SW8330B			2		2.07		D	=	80	125	0.0798	0.251	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	NBZME4	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	4-Nitrotoluene	0.23	U	0.071	mg/kg	99-99-0	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.071	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	NBZME4	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	4-Nitrotoluene	1.96		0.0698	mg/kg	99-99-0	1	100	26089	1.99	98	percent	N		0.231	1/0/1900	1/0/1900	SW8330B			2		1.96		D	=	80	125	0.0698	0.231	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	NBZME4	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	4-Nitrotoluene	1.91		0.0702	mg/kg	99-99-0	1	100	26089	2.01	95	percent	N		0.231	1/0/1900	1/0/1900	SW8330B			2		1.91		D	=	80	125	0.0702	0.231	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	HMX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	HMX	0.21	U	0.071	mg/kg	2691-41-0	1	100	26089			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.071	0.21	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	HMX	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	HMX	2.28		0.0702	mg/kg	2691-41-0	1	100	26089	2.01	113	percent	N		0.211	1/0/1900	1/0/1900	SW8330B			2		2.28		D	=	75	125	0.0702	0.211	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	HMX	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	HMX	2.25		0.0698	mg/kg	2691-41-0	1	100	26089	1.99	113	percent	N		0.211	1/0/1900	1/0/1900	SW8330B			2		2.25		D	=	75	125	0.0698	0.211	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	NO2BZ	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	Nitrobenzene	0.15	U	0.051	mg/kg	98-95-3	1	100	26089			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.051	0.15	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	NO2BZ	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	Nitrobenzene	2.21		0.0502	mg/kg	98-95-3	1	100	26089	2.01	110	percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		2.21		D	=	75	125	0.0502	0.15	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	NO2BZ	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	Nitrobenzene	2.15		0.0499	mg/kg	98-95-3	1	100	26089	1.99	108	percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		2.15		D	=	75	125	0.0499	0.15	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588707	SW8330	NTG	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	Nitroglycerin	8.63		0.606	mg/kg	55-63-0	1	100	26089	8.08	107	percent	N		2.02	1/0/1900	1/0/1900	SW8330B			2		8.63		D	=	80	125	0.606	2.02	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	NTG	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	Nitroglycerin	2	U	0.61	mg/kg	55-63-0	1	100	26089			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.61	2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588708	SW8330	NTG	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	Nitroglycerin	9.2		0.606	mg/kg	55-63-0	1	100	26089	8.08	114	percent	N		2.02	1/0/1900	1/0/1900	SW8330B			1		9.2		D	=	80	125	0.606	2.02	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588707	SW8330	PETN	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	PETN	8.61		0.808	mg/kg	78-11-5	1	100	26089	8.08	107	percent	N		2.63	1/0/1900	1/0/1900	SW8330B			2		8.61		D	=	80	125	0.808	2.63	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	PETN	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	PETN	2.6	U	0.81	mg/kg	78-11-5	1	100	26089			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.81	2.6	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588708	SW8330	PETN	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	PETN	9.07		0.808	mg/kg	78-11-5	1	100	26089	8.08	112	percent	N		2.63	1/0/1900	1/0/1900	SW8330B			2		9.07		D	=	80	125	0.808	2.63	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	RDX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	RDX	0.18	U	0.061	mg/kg	121-82-4	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.061	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	RDX	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	RDX	1.66		0.0598	mg/kg	121-82-4	1	100	26089	1.99	83	percent	N		0.181	1/0/1900	1/0/1900	SW8330B			2		1.66		D	=	70	135	0.0598	0.181	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	RDX	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	RDX	1.62		0.0602	mg/kg	121-82-4	1	100	26089	2.01	81	percent	N		0.181	1/0/1900	1/0/1900	SW8330B			2		1.62		D	=	70	135	0.0602	0.181	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808	588313	SW8330	TETRYL	SW8330B	Soil	N		7/31/2008	8/3/2008	8/6/2008	Tetryl	0.23	U	0.071	mg/kg	479-45-8	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.071	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MS	588653	SW8330	TETRYL	SW8330B	Soil	MS		8/3/2008	8/3/2008	8/6/2008	Tetryl	1.84		0.0702	mg/kg	479-45-8	1	100	26089	2.01	92	percent	N		0.231	1/0/1900	1/0/1900	SW8330B			2		1.84		D	=	10	150	0.0702	0.231	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DL-SS-072808MSD	588654	SW8330	TETRYL	SW8330B	Soil	SD		8/3/2008	8/3/2008	8/6/2008	Tetryl	1.79		0.0698	mg/kg	479-45-8	1	100	26089	1.99	90	percent	N		0.231	1/0/1900	1/0/1900	SW8330B			2		1.79		D	=	10	150	0.0698	0.231	1/0/1900	FWDA-B1019-DL-SS-072808	Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW6010B	PB	SW6010	Soil	N		7/31/2008	8/6/2008	8/7/2008	Lead	14.2		0.1099	mg/kg	7439-92-1	1	91.6	26118			percent	N		0.3664	1/0/1900	1/0/1900	SW3050			1		14.2		D	=			0.12	0.4	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	DNBZ12	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,2-Dinitrobenzene	101			PERCENT	528-29-0	1	100	26089	100	101	percent	Y			1/0/1900	1/0/1900	SW8330B			0		101		W	=	50	150			1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	TNB135	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,3,5-Trinitrobenzene	0.2	U	0.061	mg/kg	99-35-4	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.061	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	DNB13	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,3-Dinitrobenzene	0.13	U	0.04	mg/kg	99-65-0	1	100	26089			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	TNT	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,4,6-Trinitrotoluene	0.24	U	0.081	mg/kg	118-96-7	1	100	26089			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.081	0.24	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	DNT24	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,4-Dinitrotoluene	0.23	U	0.04	mg/kg	121-14-2	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.04	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,6-Dinitrotoluene	0.2	U	0.061	mg/kg	606-20-2	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.061	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	A2DNT46	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.061	mg/kg	35572-78-2	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.061	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	NBZME2	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2-Nitrotoluene	0.14	U	0.05	mg/kg	88-72-2	1	100	26089			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.05	0.14	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	NBZME3	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	3-Nitrotoluene	0.22	U	0.071	mg/kg	99-08-1	1	100	26089			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.071	0.22	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	A4DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.081	mg/kg	19406-51-0	1	100	26089			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.081	0.25	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	NBZME4	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	4-Nitrotoluene	0.23	U	0.071	mg/kg	99-99-0	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.071	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	HMX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	HMX	0.21	U	0.071	mg/kg	2691-41-0	1	100	26089			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.071	0.21	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	NO2BZ	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Nitrobenzene	0.15	U	0.05	mg/kg	98-95-3	1	100	26089			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.05	0.15	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	NTG	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Nitroglycerin	2	U	0.61	mg/kg	55-63-0	1	100	26089			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.61	2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	PETN	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	PETN	2.6	U	0.81	mg/kg	78-11-5	1	100	26089			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.81	2.6	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	RDX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	RDX	0.18	U	0.061	mg/kg	121-82-4	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.061	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-DR-SS-072808	588321	SW8330	TETRYL	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Tetryl	0.23	U	0.071	mg/kg	479-45-8	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.071	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW6010B	PB	SW6010	Soil	N		7/31/2008	8/6/2008	8/7/2008	Lead	17		0.1085	mg/kg	7439-92-1	1	98.6	26118			percent	N		0.3747	1/0/1900	1/0/1900	SW3050			0		17		D	=			0.11	0.38	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	DNBZ12	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	1,2-Dinitrobenzene	87			PERCENT	528-29-0	1	100	26139	100	87	percent	Y			1/0/1900	1/0/1900	SW8330B			0		87		W	=	50	150			1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	TNB135	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	1,3,5-Trinitrobenzene	0.2	U	0.06	mg/kg	99-35-4	1	100	26139			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	DNB13	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	1,3-Dinitrobenzene	0.13	U	0.04	mg/kg	99-65-0	1	100	26139			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	TNT	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2,4,6-Trinitrotoluene	0.24	U	0.08	mg/kg	118-96-7	1	100	26139			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.08	0.24	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	DNT24	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2,4-Dinitrotoluene	0.23	U	0.04	mg/kg	121-14-2	1	100	26139			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.04	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	DNT26	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2,6-Dinitrotoluene	0.2	U	0.06	mg/kg	606-20-2	1	100	26139			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	A2DNT46	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.06	mg/kg	35572-78-2	1	100	26139			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	NBZME2	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2-Nitrotoluene	0.14	U	0.05	mg/kg	88-72-2	1	100	26139			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.05	0.14	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	NBZME3	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	3-Nitrotoluene	0.22	U	0.07	mg/kg	99-08-1	1	100	26139			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.07	0.22	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	A4DNT26	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.08	mg/kg	19406-51-0	1	100	26139			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.08	0.25	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	NBZME4	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	4-Nitrotoluene	0.23	U	0.07	mg/kg	99-99-0	1	100	26139			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	HMX	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	HMX	0.21	U	0.07	mg/kg	2691-41-0	1	100	26139			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.07	0.21	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	NO2BZ	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	Nitrobenzene	0.15	U	0.05	mg/kg	98-95-3	1	100	26139			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.05	0.15	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	NTG	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	Nitroglycerin	2	U	0.6	mg/kg	55-63-0	1	100	26139			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.6	2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	PETN	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	PETN	2.6	U	0.8	mg/kg	78-11-5	1	100	26139			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.8	2.6	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	RDX	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	RDX	0.18	U	0.06	mg/kg	121-82-4	1	100	26139			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1019-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1019-SS-072808	588307	SW8330	TETRYL	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	Tetryl	0.23	U	0.07	mg/kg	479-45-8	1	100	26139			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW6010B	PB	SW6010	Soil	N		7/31/2008	8/6/2008	8/7/2008	Lead	34.2		0.1139	mg/kg	7439-92-1	1	94.9	26118			percent	N		0.3701	1/0/1900	1/0/1900	SW3050			1		34.2		D	=			0.12	0.39	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	DNBZ12	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,2-Dinitrobenzene	95			PERCENT	528-29-0	1	100	26089	100	95	percent	Y			1/0/1900	1/0/1900	SW8330B			0		95		W	=	50	150			1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	TNB135	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,3,5-Trinitrobenzene	0.2	U	0.06	mg/kg	99-35-4	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	DNB13	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,3-Dinitrobenzene	0.13	U	0.04	mg/kg	99-65-0	1	100	26089			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	TNT	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,4,6-Trinitrotoluene	0.24	U	0.081	mg/kg	118-96-7	1	100	26089			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.081	0.24	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	DNT24	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,4-Dinitrotoluene	0.23	U	0.04	mg/kg	121-14-2	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.04	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,6-Dinitrotoluene	0.2	U	0.06	mg/kg	606-20-2	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	A2DNT46	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.06	mg/kg	35572-78-2	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	NBZME2	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2-Nitrotoluene	0.14	U	0.05	mg/kg	88-72-2	1	100	26089			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.05	0.14	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	NBZME3	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	3-Nitrotoluene	0.22	U	0.071	mg/kg	99-08-1	1	100	26089			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.071	0.22	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	A4DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.081	mg/kg	19406-51-0	1	100	26089			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.081	0.25	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	NBZME4	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	4-Nitrotoluene	0.23	U	0.071	mg/kg	99-99-0	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.071	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	HMX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	HMX	0.21	U	0.071	mg/kg	2691-41-0	1	100	26089			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.071	0.21	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	NO2BZ	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Nitrobenzene	0.15	U	0.05	mg/kg	98-95-3	1	100	26089			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.05	0.15	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	NTG	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Nitroglycerin	2	U	0.6	mg/kg	55-63-0	1	100	26089			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.6	2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	PETN	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	PETN	2.6	U	0.81	mg/kg	78-11-5	1	100	26089			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.81	2.6	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	RDX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	RDX	0.18	U	0.06	mg/kg	121-82-4	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DL-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DL-SS-072808	588320	SW8330	TETRYL	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Tetryl	0.23	U	0.071	mg/kg	479-45-8	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.071	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW6010B	PB	SW6010	Soil	N		7/31/2008	8/6/2008	8/7/2008	Lead	13.7		0.1064	mg/kg	7439-92-1	1	96.7	26118			percent	N		0.3675	1/0/1900	1/0/1900	SW3050			1		13.7		D	=			0.11	0.38	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	DNBZ12	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,2-Dinitrobenzene	98			PERCENT	528-29-0	1	100	26089	100	98	percent	Y			1/0/1900	1/0/1900	SW8330B			0		98		W	=	50	150			1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	TNB135	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,3,5-Trinitrobenzene	0.2	U	0.06	mg/kg	99-35-4	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	DNB13	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	1,3-Dinitrobenzene	0.13	U	0.04	mg/kg	99-65-0	1	100	26089			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	TNT	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,4,6-Trinitrotoluene	0.24	U	0.08	mg/kg	118-96-7	1	100	26089			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.08	0.24	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	DNT24	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,4-Dinitrotoluene	0.23	U	0.04	mg/kg	121-14-2	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.04	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2,6-Dinitrotoluene	0.2	U	0.06	mg/kg	606-20-2	1	100	26089			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	A2DNT46	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.06	mg/kg	35572-78-2	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	NBZME2	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	2-Nitrotoluene	0.14	U	0.05	mg/kg	88-72-2	1	100	26089			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.05	0.14	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	NBZME3	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	3-Nitrotoluene	0.22	U	0.07	mg/kg	99-08-1	1	100	26089			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.07	0.22	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	A4DNT26	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.08	mg/kg	19406-51-0	1	100	26089			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.08	0.25	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	NBZME4	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	4-Nitrotoluene	0.23	U	0.07	mg/kg	99-99-0	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	HMX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	HMX	0.21	U	0.07	mg/kg	2691-41-0	1	100	26089			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.07	0.21	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	NO2BZ	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Nitrobenzene	0.15	U	0.05	mg/kg	98-95-3	1	100	26089			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.05	0.15	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	NTG	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Nitroglycerin	2	U	0.6	mg/kg	55-63-0	1	100	26089			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.6	2	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	PETN	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	PETN	2.6	U	0.8	mg/kg	78-11-5	1	100	26089			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.8	2.6	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	RDX	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	RDX	0.18	U	0.06	mg/kg	121-82-4	1	100	26089			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-DR-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-DR-SS-072808	588323	SW8330	TETRYL	SW8330B	Soil	N		7/31/2008	8/3/2008	8/7/2008	Tetryl	0.23	U	0.07	mg/kg	479-45-8	1	100	26089			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Grab			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW6010B	PB	SW6010	Soil	N		7/31/2008	8/6/2008	8/7/2008	Lead	10.8		0.1093	mg/kg	7439-92-1	1	99.4	26118			percent	N		0.37	1/0/1900	1/0/1900	SW3050			1		10.8	J	D	=			0.11	0.37	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	589192	SW6010B	PB	SW6010	Soil	LR	D	8/6/2008	8/6/2008	8/7/2008	Lead	10.7		0.111	mg/kg	7439-92-1	1	99.4	26118	10.8		percent	N		0.372	1/0/1900	1/0/1900	SW3050			1		10.7	Exclude	D	=			0.111	0.372	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	589191	SW6010B	PB	SW6010	Soil	MS		8/6/2008	8/6/2008	8/7/2008	Lead	31.4		0.111	mg/kg	7439-92-1	1	99.4	26118	36	82	percent	N		0.372	1/0/1900	1/0/1900	SW3050			1		31.4		D	=	75	125	0.111	0.372	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	DNBZ12	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	1,2-Dinitrobenzene	92			PERCENT	528-29-0	1	100	26139	100	92	percent	Y			1/0/1900	1/0/1900	SW8330B			0		92		W	=	50	150			1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	DNBZ12	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	1,2-Dinitrobenzene	103			PERCENT	528-29-0	1	100	26139	100	103	percent	Y			1/0/1900	1/0/1900	SW8330B			0		103		W	=	81	117			1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590013	SW8330	DNBZ12	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	1,2-Dinitrobenzene	84.2			PERCENT	528-29-0	1	100	26139	100	84.2	percent	Y			1/0/1900	1/0/1900	SW8330B			1		84.2		W	=	81	117			1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	DNBZ12	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	1,2-Dinitrobenzene	101			PERCENT	528-29-0	1	100	26139	100	101	percent	Y			1/0/1900	1/0/1900	SW8330B			0		101		W	=	81	117			1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590014	SW8330	DNBZ12	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	1,2-Dinitrobenzene	89.2			PERCENT	528-29-0	1	100	26139	100	89.2	percent	Y			1/0/1900	1/0/1900	SW8330B			1		89.2		W	=	81	117			1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	TNB135	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	1,3,5-Trinitrobenzene	1.94		0.0605	mg/kg	99-35-4	1	100	26139	2.02	96	percent	N		0.202	1/0/1900	1/0/1900	SW8330B			2		1.94		D	=	75	125	0.0605	0.202	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	TNB135	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	1,3,5-Trinitrobenzene	0.2	U	0.06	mg/kg	99-35-4	1	100	26139			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	TNB135	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	1,3,5-Trinitrobenzene	1.88		0.0596	mg/kg	99-35-4	1	100	26139	1.99	94	percent	N		0.201	1/0/1900	1/0/1900	SW8330B			2		1.88		D	=	75	125	0.0596	0.201	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	DNB13	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	1,3-Dinitrobenzene	0.13	U	0.04	mg/kg	99-65-0	1	100	26139			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	DNB13	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	1,3-Dinitrobenzene	1.94		0.0403	mg/kg	99-65-0	1	100	26139	2.02	96	percent	N		0.131	1/0/1900	1/0/1900	SW8330B			2		1.94		D	=	80	125	0.0403	0.131	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	DNB13	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	1,3-Dinitrobenzene	1.9		0.0397	mg/kg	99-65-0	1	100	26139	1.99	95	percent	N		0.131	1/0/1900	1/0/1900	SW8330B			1		1.9		D	=	80	125	0.0397	0.131	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	TNT	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	2,4,6-Trinitrotoluene	1.94		0.0806	mg/kg	118-96-7	1	100	26139	2.02	96	percent	N		0.242	1/0/1900	1/0/1900	SW8330B			2		1.94		D	=	55	140	0.0806	0.242	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS	7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	TNT	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2,4,6-Trinitrotoluene	0.24	U	0.08	mg/kg	118-96-7	1	100	26139			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.08	0.24	1/0/1900		Composite Sample			FT	JW	CT L	FALSE

FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	TNT	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	2,4,6-Trinitrotoluene	1.95		0.0794	mg/kg	118-96-7	1	100	26139		1.99	98	percent	N		0.242	1/0/1900	1/0/1900	SW8330B			2		1.95		D	=	55	140	0.0794	0.242	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	DNT24	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	2,4-Dinitrotoluene	1.95		0.0403	mg/kg	121-14-2	1	100	26139		2.02	97	percent	N		0.232	1/0/1900	1/0/1900	SW8330B			2		1.95		D	=	80	125	0.0403	0.232	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	DNT24	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2,4-Dinitrotoluene	0.23	U	0.04	mg/kg	121-14-2	1	100	26139				percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.04	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	DNT24	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	2,4-Dinitrotoluene	2.06		0.0397	mg/kg	121-14-2	1	100	26139		1.99	104	percent	N		0.232	1/0/1900	1/0/1900	SW8330B			2		2.06		D	=	80	125	0.0397	0.232	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	DNT26	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2,6-Dinitrotoluene	0.2	U	0.06	mg/kg	606-20-2	1	100	26139				percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	DNT26	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	2,6-Dinitrotoluene	2.02		0.0605	mg/kg	606-20-2	1	100	26139		2.02	100	percent	N		0.202	1/0/1900	1/0/1900	SW8330B			2		2.02		D	=	80	120	0.0605	0.202	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	DNT26	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	2,6-Dinitrotoluene	2.03		0.0596	mg/kg	606-20-2	1	100	26139		1.99	102	percent	N		0.201	1/0/1900	1/0/1900	SW8330B			2		2.03		D	=	80	120	0.0596	0.201	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	A2DNT46	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	2-Amino-4,6-dinitrotoluene	1.9		0.0605	mg/kg	35572-78-2	1	100	26139		2.02	94	percent	N		0.181	1/0/1900	1/0/1900	SW8330B			1		1.9		D	=	80	125	0.0605	0.181	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	A2DNT46	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.06	mg/kg	35572-78-2	1	100	26139				percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	A2DNT46	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	2-Amino-4,6-dinitrotoluene	1.98		0.0596	mg/kg	35572-78-2	1	100	26139		1.99	paul wingate 99 recovery	percent	N		0.181	1/0/1900	1/0/1900	SW8330B			2		1.98		D	=	80	125	0.0596	0.181	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	NBZME2	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	2-Nitrotoluene	0.14	U	0.05	mg/kg	88-72-2	1	100	26139				percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.05	0.14	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	NBZME2	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	2-Nitrotoluene	1.96		0.0504	mg/kg	88-72-2	1	100	26139		2.02	97	percent	N		0.141	1/0/1900	1/0/1900	SW8330B			2		1.96		D	=	80	125	0.0504	0.141	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	NBZME2	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	2-Nitrotoluene	1.86		0.0497	mg/kg	88-72-2	1	100	26139		1.99	93	percent	N		0.141	1/0/1900	1/0/1900	SW8330B			2		1.86		D	=	80	125	0.0497	0.141	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	NBZME3	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	3-Nitrotoluene	1.94		0.0706	mg/kg	99-08-1	1	100	26139		2.02	96	percent	N		0.222	1/0/1900	1/0/1900	SW8330B			2		1.94		D	=	75	120	0.0706	0.222	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	NBZME3	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	3-Nitrotoluene	0.22	U	0.07	mg/kg	99-08-1	1	100	26139				percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.07	0.22	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	NBZME3	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	3-Nitrotoluene	2.09		0.0695	mg/kg	99-08-1	1	100	26139		1.99	105	percent	N		0.222	1/0/1900	1/0/1900	SW8330B			2		2.09		D	=	75	120	0.0695	0.222	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	A4DNT26	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	4-Amino-2,6-dinitrotoluene	2.04		0.0806	mg/kg	19406-51-0	1	100	26139		2.02	101	percent	N		0.252	1/0/1900	1/0/1900	SW8330B			2		2.04		D	=	80	125	0.0806	0.252	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	A4DNT26	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	4-Amino-2,6-dinitrotoluene	2.15		0.0794	mg/kg	19406-51-0	1	100	26139		1.99	108	percent	N		0.252	1/0/1900	1/0/1900	SW8330B			2		2.15		D	=	80	125	0.0794	0.252	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	A4DNT26	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.08	mg/kg	19406-51-0	1	100	26139				percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.08	0.25	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	NBZME4	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	4-Nitrotoluene	0.23	U	0.07	mg/kg	99-99-0	1	100	26139				percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	NBZME4	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	4-Nitrotoluene	1.81		0.0706	mg/kg	99-99-0	1	100	26139		2.02	90	percent	N		0.232	1/0/1900	1/0/1900	SW8330B			2		1.81		D	=	80	125	0.0706	0.232	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	NBZME4	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	4-Nitrotoluene	1.94		0.0695	mg/kg	99-99-0	1	100	26139		1.99	97	percent	N		0.232	1/0/1900	1/0/1900	SW8330B			2		1.94		D	=	80	125	0.0695	0.232	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	HMX	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	HMX	1.85		0.0706	mg/kg	2691-41-0	1	100	26139		2.02	92	percent	N		0.212	1/0/1900	1/0/1900	SW8330B			2		1.85		D	=	75	125	0.0706	0.212	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	HMX	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	HMX	0.21	U	0.07	mg/kg	2691-41-0	1	100	26139				percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.07	0.21	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MSD	590011	SW8330	HMX	SW8330B	Soil	SD		8/8/2008	8/8/2008	8/13/2008	HMX	1.8		0.0695	mg/kg	2691-41-0	1	100	26139		1.99	90	percent	N		0.211	1/0/1900	1/0/1900	SW8330B			1		1.8		D	=	75	125	0.0695	0.211	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808	588308	SW8330	NO2BZ	SW8330B	Soil	N		7/31/2008	8/8/2008	8/13/2008	Nitrobenzene	0.15	U	0.05	mg/kg	98-95-3	1	100	26139				percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.05	0.15	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1024-SS		7/28/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1024-SS-072808MS	590010	SW8330	NO2BZ	SW8330B	Soil	MS		8/8/2008	8/8/2008	8/13/2008	Nitrobenzene	1.91		0.0504	mg/kg	98-95-3	1	100	26139		2.02	95	percent	N		0.151	1/0/1900	1/0/1900	SW8330B			2		1.91		D	=	75	125	0.0504	0.151	1/0/1900	FWDA-B1024-SS-072808	Composite Sample			FT	JW	CT L	FALSE

FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1073-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1073-SS-072508	588304	SW8330	NBZME2	SW8330B	Soil	N	7/31/2008	8/8/2008	8/13/2008	2-Nitrotoluene	0.14	U	0.05	mg/kg	88-72-2	1	100	26139			percent	N	0.14	1/0/1900	1/0/1900	SW8330B	2		0.14	U	D	U			0.05	0.14	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1073-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1073-SS-072508	588304	SW8330	NBZME3	SW8330B	Soil	N	7/31/2008	8/8/2008	8/13/2008	3-Nitrotoluene	0.22	U	0.07	mg/kg	99-08-1	1	100	26139			percent	N	0.22	1/0/1900	1/0/1900	SW8330B	2		0.22	U	D	U			0.07	0.22	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1073-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1073-SS-072508	588304	SW8330	A4DNT26	SW8330B	Soil	N	7/31/2008	8/8/2008	8/13/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.08	mg/kg	19406-51-0	1	100	26139			percent	N	0.25	1/0/1900	1/0/1900	SW8330B	2		0.25	U	D	U			0.08	0.25	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1073-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1073-SS-072508	588304	SW8330	NBZME4	SW8330B	Soil	N	7/31/2008	8/8/2008	8/13/2008	4-Nitrotoluene	0.23	U	0.07	mg/kg	99-99-0	1	100	26139			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2		0.23	U	D	U			0.07	0.23	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1073-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1073-SS-072508	588304	SW8330	HMX	SW8330B	Soil	N	7/31/2008	8/8/2008	8/13/2008	HMX	0.21	U	0.07	mg/kg	2691-41-0	1	100	26139			percent	N	0.21	1/0/1900	1/0/1900	SW8330B	2		0.21	U	D	U			0.07	0.21	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1073-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1073-SS-072508	588304	SW8330	NO2BZ	SW8330B	Soil	N	7/31/2008	8/8/2008	8/13/2008	Nitrobenzene	0.15	U	0.05	mg/kg	98-95-3	1	100	26139			percent	N	0.15	1/0/1900	1/0/1900	SW8330B	2		0.15	U	D	U			0.05	0.15	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1073-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1073-SS-072508	588304	SW8330	NTG	SW8330B	Soil	N	7/31/2008	8/8/2008	8/13/2008	Nitroglycerin	2	U	0.6	mg/kg	55-63-0	1	100	26139			percent	N	2	1/0/1900	1/0/1900	SW8330B	0		2	U	D	U			0.6	2	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1073-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1073-SS-072508	588304	SW8330	PETN	SW8330B	Soil	N	7/31/2008	8/8/2008	8/13/2008	PETN	2.6	U	0.8	mg/kg	78-11-5	1	100	26139			percent	N	2.6	1/0/1900	1/0/1900	SW8330B	1		2.6	U	D	U			0.8	2.6	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1073-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1073-SS-072508	588304	SW8330	RDX	SW8330B	Soil	N	7/31/2008	8/8/2008	8/13/2008	RDX	0.18	U	0.06	mg/kg	121-82-4	1	100	26139			percent	N	0.18	1/0/1900	1/0/1900	SW8330B	2		0.18	U	D	U			0.06	0.18	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1073-SS	7/25/2008	1/0/1900	CTLabs	68139	FWDA-250708	FWDA-B1073-SS-072508	588304	SW8330	TETRYL	SW8330B	Soil	N	7/31/2008	8/8/2008	8/13/2008	Tetryl	0.23	U	0.07	mg/kg	479-45-8	1	100	26139		paul wingate query	percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2		0.23	U	D	U			0.07	0.23	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW6010B	PB	SW6010	Soil	N	7/28/2008	7/31/2008	8/4/2008	Lead	15.8		0.112	mg/kg	7439-92-1	1	93.3	26077			percent	N	0.3732	1/0/1900	1/0/1900	SW3050	1		15.8		D	=			0.12	0.4	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	DNBZ12	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	1,2-Dinitrobenzene	99			PERCENT	528-29-0	1	93.3	26089	100	99	percent	Y		1/0/1900	1/0/1900	SW8330B	0		99		W	=	50	150			1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	TNB135	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	1,3,5-Trinitrobenzene	0.068	J	0.056	mg/kg	99-35-4	1	93.3	26089			percent	N	0.2	1/0/1900	1/0/1900	SW8330B	3	Laboratory flag changed from "JP" to "J"	0.2	J	D	J			0.06	0.2	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	DNB13	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	1,3-Dinitrobenzene	0.13	U	0.0373	mg/kg	99-65-0	1	93.3	26089			percent	N	0.13	1/0/1900	1/0/1900	SW8330B	2		0.13	U	D	U			0.04	0.13	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	TNT	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	2,4,6-Trinitrotoluene	0.24	U	0.0737	mg/kg	118-96-7	1	93.3	26089			percent	N	0.24	1/0/1900	1/0/1900	SW8330B	2		0.24	U	D	U			0.079	0.24	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	DNT24	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	2,4-Dinitrotoluene	0.23	U	0.0373	mg/kg	121-14-2	1	93.3	26089			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2		0.23	U	D	U			0.04	0.23	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	DNT26	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	2,6-Dinitrotoluene	0.2	U	0.056	mg/kg	606-20-2	1	93.3	26089			percent	N	0.2	1/0/1900	1/0/1900	SW8330B	1		0.2	U	D	U			0.06	0.2	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	A2DNT46	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.056	mg/kg	35572-78-2	1	93.3	26089			percent	N	0.18	1/0/1900	1/0/1900	SW8330B	2		0.18	U	D	U			0.06	0.18	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	NBZME2	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	2-Nitrotoluene	0.14	U	0.0467	mg/kg	88-72-2	1	93.3	26089			percent	N	0.14	1/0/1900	1/0/1900	SW8330B	2		0.14	U	D	U			0.05	0.14	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	NBZME3	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	3-Nitrotoluene	0.22	U	0.0653	mg/kg	99-08-1	1	93.3	26089			percent	N	0.22	1/0/1900	1/0/1900	SW8330B	2		0.22	U	D	U			0.07	0.22	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	A4DNT26	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.0737	mg/kg	19406-51-0	1	93.3	26089			percent	N	0.25	1/0/1900	1/0/1900	SW8330B	2		0.25	U	D	U			0.079	0.25	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	NBZME4	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	4-Nitrotoluene	0.23	U	0.0653	mg/kg	99-99-0	1	93.3	26089			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2		0.23	U	D	U			0.07	0.23	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	HMX	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	HMX	0.21	U	0.0653	mg/kg	2691-41-0	1	93.3	26089			percent	N	0.21	1/0/1900	1/0/1900	SW8330B	2		0.21	U	D	U			0.07	0.21	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	NO2BZ	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	Nitrobenzene	0.15	U	0.0467	mg/kg	98-95-3	1	93.3	26089			percent	N	0.15	1/0/1900	1/0/1900	SW8330B	2		0.15	U	D	U			0.05	0.15	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	NTG	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	Nitroglycerin	2	U	0.5598	mg/kg	55-63-0	1	93.3	26089			percent	N	2	1/0/1900	1/0/1900	SW8330B	0		2	U	D	U			0.6	2	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	PETN	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	PETN	2.6	U	0.7371	mg/kg	78-11-5	1	93.3	26089			percent	N	2.6	1/0/1900	1/0/1900	SW8330B	1		2.6	U	D	U			0.79	2.6	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	RDX	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	RDX	0.18	U	0.056	mg/kg	121-82-4	1	93.3	26089			percent	N	0.18	1/0/1900	1/0/1900	SW8330B	2		0.18	U	D	U			0.06	0.18	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DL-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DL-SS-072408	585901	SW8330	TETRYL	SW8330B	Soil	N	7/28/2008	8/3/2008	8/7/2008	Tetryl	0.23	U	0.0653	mg/kg	479-45-8	1	93.3	26089			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2		0.23	U	D	U			0.07	0.23	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW6010B	PB	SW6010	Soil	N	7/28/2008	7/31/2008	8/4/2008	Lead	17.4		0.1106	mg/kg	7439-92-1	1	92.2	26077			percent	N	0.3688	1/0/1900	1/0/1900	SW3050	1		17.4		D	=			0.12	0.4	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	DNBZ12	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	1,2-Dinitrobenzene	97			PERCENT	528-29-0	1	92.2	26089	100	97	percent	Y		1/0/1900	1/0/1900	SW8330B	0		97		W	=	50	150			1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	TNB135	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	1,3,5-Trinitrobenzene	0.2	U	0.0553	mg/kg	99-35-4	1	92.2	26089			percent	N	0.2	1/0/1900	1/0/1900	SW8330B	1		0.2	U	D	U			0.06	0.2	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	DNB13	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	1,3-Dinitrobenzene	0.13	U	0.0369	mg/kg	99-65-0	1	92.2	26089			percent	N	0.13	1/0/1900	1/0/1900	SW8330B	2		0.13	U	D	U			0.04	0.13	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	TNT	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	2,4,6-Trinitrotoluene	0.24	U	0.0738	mg/kg	118-96-7	1	92.2	26089			percent	N	0.24	1/0/1900	1/0/1900	SW8330B	2		0.24	U	D	U			0.08	0.24	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	DNT24	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	2,4-Dinitrotoluene	0.23	U	0.0369	mg/kg	121-14-2	1	92.2	26089			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2		0.23	U	D	U			0.04	0.23	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	DNT26	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	2,6-Dinitrotoluene	0.2	U	0.0553	mg/kg	606-20-2	1	92.2	26089			percent	N	0.2	1/0/1900	1/0/1900	SW8330B	1		0.2	U	D	U			0.06	0.2	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	A2DNT46	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.0553	mg/kg	35572-78-2	1	92.2	26089			percent	N	0.18	1/0/1900	1/0/1900	SW8330B	2		0.18	U	D	U			0.06	0.18	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	NBZME2	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	2-Nitrotoluene	0.14	U	0.0461	mg/kg	88-72-2	1	92.2	26089			percent	N	0.14	1/0/1900	1/0/1900	SW8330B	2		0.14	U	D	U			0.05	0.14	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	NBZME3	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	3-Nitrotoluene	0.22	U	0.0645	mg/kg	99-08-1	1	92.2	26089			percent	N	0.22	1/0/1900	1/0/1900	SW8330B	2		0.22	U	D	U			0.07	0.22	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	A4DNT26	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.0738	mg/kg	19406-51-0	1	92.2	26089			percent	N	0.25	1/0/1900	1/0/1900	SW8330B	2		0.25	U	D	U			0.08	0.25	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	NBZME4	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	4-Nitrotoluene	0.23	U	0.0645	mg/kg	99-99-0	1	92.2	26089			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2		0.23	U	D	U			0.07	0.23	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	HMX	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	HMX	0.21	U	0.0645	mg/kg	2691-41-0	1	92.2	26089			percent	N	0.21	1/0/1900	1/0/1900	SW8330B	2		0.21	U	D	U			0.07	0.21	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	NO2BZ	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	Nitrobenzene	0.15	U	0.0461	mg/kg	98-95-3	1	92.2	26089			percent	N	0.15	1/0/1900	1/0/1900	SW8330B	2		0.15	U	D	U			0.05	0.15	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	NTG	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	Nitroglycerin	2	U	0.5532	mg/kg	55-63-0	1	92.2	26089			percent	N	2	1/0/1900	1/0/1900	SW8330B	0		2	U	D	U			0.6	2	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	PETN	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	PETN	2.6	U	0.7376	mg/kg	78-11-5	1	92.2	26089			percent	N	2.6	1/0/1900	1/0/1900	SW8330B	1		2.6	U	D	U			0.8	2.6	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	RDX	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	RDX	0.18	U	0.0553	mg/kg	121-82-4	1	92.2	26089			percent	N	0.18	1/0/1900	1/0/1900	SW8330B	2		0.18	U	D	U			0.06	0.18	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-DR-SS	7/24/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-DR-SS-072408	585900	SW8330	TETRYL	SW8330B	Soil	N	7/28/2008	8/3/2008	8/6/2008	Tetryl	0.23	U	0.0645	mg/kg	479-45-8	1	92.2	26089			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2		0.23	U	D	U			0.07	0.23	1/0/1900	Grab	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW6010B	PB	SW6010	Soil	N	7/28/2008	7/31/2008	8/4/2008	Lead	4		0.11	mg/kg	7439-92-1	1	0	26077			percent	N	0.37	1/0/1900	1/0/1900	SW3050	0		4		W	=			0.11	0.37	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	DNBZ12	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	1,2-Dinitrobenzene	91			PERCENT	528-29-0	1	99.4	26096	100	91	percent	Y		1/0/1900	1/0/1900	SW8330B	0		91		W	=	50	150			1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	TNB135	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	1,3,5-Trinitrobenzene	0.2	U	0.0596	mg/kg	99-35-4	1	99.4	26096			percent	N	0.2	1/0/1900	1/0/1900	SW8330B	1		0.2	U	D	U			0.06	0.2	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	DNB13	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	1,3-Dinitrobenzene	0.13	U	0.0398	mg/kg	99-65-0	1	99.4	26096			percent	N	0.13	1/0/1900	1/0/1900	SW8330B	2		0.13	U	D	U			0.04	0.13	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	TNT	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	2,4,6-Trinitrotoluene	0.24	U	0.0795	mg/kg	118-96-7	1	99.4	26096			percent	N	0.24	1/0/1900	1/0/1900	SW8330B	2		0.24	U	D	U			0.08	0.24	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	DNT24	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	2,4-Dinitrotoluene	0.23	U	0.0398	mg/kg	121-14-2	1	99.4	26096			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2		0.23	U	D	U			0.04	0.23	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	DNT26	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	2,6-Dinitrotoluene	0.2	U	0.0596	mg/kg	606-20-2	1	99.4	26096			percent	N	0.2	1/0/1900	1/0/1900	SW8330B	1		0.2	U	D	U			0.06	0.2	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	A2DNT46	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.0596	mg/kg	35572-78-2	1	99.4	26096			percent	N	0.18	1/0/1900	1/0/1900	SW8330B	2		0.18	U	D	U			0.06	0.18	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	NBZME2	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	2-Nitrotoluene	0.14	U	0.0497	mg/kg	88-72-2	1	99.4	26096			percent	N	0.14	1/0/1900	1/0/1900	SW8330B	2		0.14	U	D	U			0.05	0.14	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	NBZME3	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	3-Nitrotoluene	0.22	U	0.0696	mg/kg	99-08-1	1	99.4	26096			percent	N	0.22	1/0/1900	1/0/1900	SW8330B	2		0.22	U	D	U			0.07	0.22	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	A4DNT26	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.0795	mg/kg	19406-51-0	1	99.4	26096			percent	N	0.25	1/0/1900	1/0/1900	SW8330B	2		0.25	U	D	U			0.08	0.25	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	NBZME4	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	4-Nitrotoluene	0.23	U	0.0696	mg/kg	99-99-0	1	99.4	26096			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2		0.23	U	D	U			0.07	0.23	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	HMX	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	HMX	0.21	U	0.0696	mg/kg	2691-41-0	1	99.4	26096			percent	N	0.21	1/0/1900	1/0/1900	SW8330B	2		0.21	U	D	U			0.07	0.21	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	NO2BZ	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	Nitrobenzene	0.15	U	0.0497	mg/kg	98-95-3	1	99.4	26096			percent	N	0.15	1/0/1900	1/0/1900	SW8330B	2		0.15	U	D	U			0.05	0.15	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	NTG	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	Nitroglycerin	2	U	0.5964	mg/kg	55-63-0	1	99.4	26096			percent	N	2	1/0/1900	1/0/1900	SW8330B	0		2	U	D	U			0.6	2	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	PETN	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	PETN	2.6	U	0.7952	mg/kg	78-11-5	1	99.4	26096			percent	N	2.6	1/0/1900	1/0/1900	SW8330B	1		2.6	U	D	U			0.8	2.6	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	RDX	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	RDX	0.18	U	0.0596	mg/kg	121-82-4	1	99.4	26096			percent	N	0.18	1/0/1900	1/0/1900	SW8330B	2		0.18	U	D	U			0.06	0.18	1/0/1900	Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	B1075-SS	7/25/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-B1075-SS-072508	585902	SW8330	TETRYL	SW8330B	Soil	N	7/28/2008	8/7/2008	8/13/2008	Tetryl	0.23	U	0.0696	mg/kg	479-45-8	1	99.4	26096			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2		0.23	U	D	U			0.07	0.23	1/0/1900	Composite Sample	FT	JW	CT L	FALSE

FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW6010B	PB	SW6010	Soil	N	7/21/2008	7/31/2008	8/4/2008	Lead	6.6		0.1142	mg/kg	7439-92-1	1	95.2	26060			percent	N	0.3713	1/0/1900	1/0/1900	SW3050	1	6.6		D	=			0.12	0.39	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	DNBZ12	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	1,2-Dinitrobenzene	89			PERCENT	528-29-0	1	95.2	25999	100	89	percent	Y		1/0/1900	1/0/1900	SW8330B	0	89		W	=	50	150			1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	TNB135	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	1,3,5-Trinitrobenzene	0.2	U	0.0571	mg/kg	99-35-4	1	95.2	25999			percent	N	0.2	1/0/1900	1/0/1900	SW8330B	1	0.2	U	D	U			0.06	0.2	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	DNB13	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	1,3-Dinitrobenzene	0.13	U	0.0381	mg/kg	99-65-0	1	95.2	25999			percent	N	0.13	1/0/1900	1/0/1900	SW8330B	2	0.13	U	D	U			0.04	0.13	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	TNT	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	2,4,6-Trinitrotoluene	0.24	U	0.0762	mg/kg	118-96-7	1	95.2	25999			percent	N	0.24	1/0/1900	1/0/1900	SW8330B	2	0.24	U	D	U			0.08	0.24	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	DNT24	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	2,4-Dinitrotoluene	0.23	U	0.0381	mg/kg	121-14-2	1	95.2	25999			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2	0.23	U	D	U			0.04	0.23	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	DNT26	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	2,6-Dinitrotoluene	0.2	U	0.0571	mg/kg	606-20-2	1	95.2	25999			percent	N	0.2	1/0/1900	1/0/1900	SW8330B	1	0.2	U	D	U			0.06	0.2	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	A2DNT46	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.0571	mg/kg	35572-78-2	1	95.2	25999			percent	N	0.18	1/0/1900	1/0/1900	SW8330B	2	0.18	U	D	U			0.06	0.18	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	NBZME2	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	2-Nitrotoluene	0.14	U	0.0476	mg/kg	88-72-2	1	95.2	25999			percent	N	0.14	1/0/1900	1/0/1900	SW8330B	2	0.14	U	D	U			0.05	0.14	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	NBZME3	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	3-Nitrotoluene	0.22	U	0.0666	mg/kg	99-08-1	1	95.2	25999		paul wingate	percent	N	0.22	1/0/1900	1/0/1900	SW8330B	2	0.22	U	D	U			0.07	0.22	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	A4DNT26	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.0762	mg/kg	19406-51-0	1	95.2	25999			percent	N	0.25	1/0/1900	1/0/1900	SW8330B	2	0.25	U	D	U			0.08	0.25	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	NBZME4	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	4-Nitrotoluene	0.23	U	0.0666	mg/kg	99-99-0	1	95.2	25999			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2	0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	HMX	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	HMX	0.21	U	0.0666	mg/kg	2691-41-0	1	95.2	25999			percent	N	0.21	1/0/1900	1/0/1900	SW8330B	2	0.21	U	D	U			0.07	0.21	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	NO2BZ	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	Nitrobenzene	0.15	U	0.0476	mg/kg	98-95-3	1	95.2	25999			percent	N	0.15	1/0/1900	1/0/1900	SW8330B	2	0.15	U	D	U			0.05	0.15	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	NTG	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	Nitroglycerin	2	U	0.5712	mg/kg	55-63-0	1	95.2	25999			percent	N	2	1/0/1900	1/0/1900	SW8330B	0	2	U	D	U			0.6	2	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	PETN	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	PETN	2.6	U	0.7616	mg/kg	78-11-5	1	95.2	25999			percent	N	2.6	1/0/1900	1/0/1900	SW8330B	1	2.6	U	D	U			0.8	2.6	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	RDX	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	RDX	0.18	U	0.0571	mg/kg	121-82-4	1	95.2	25999			percent	N	0.18	1/0/1900	1/0/1900	SW8330B	2	0.18	U	D	U			0.06	0.18	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1043	7/16/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1043-07162008	582860	SW8330	TETRYL	SW8330B	Soil	N	7/21/2008	7/25/2008	7/28/2008	Tetryl	0.23	U	0.0666	mg/kg	479-45-8	1	95.2	25999			percent	N	0.23	1/0/1900	1/0/1900	SW8330B	2	0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1045	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1045-07172008	582861	SW6010B	PB	SW6010	Soil	N	7/21/2008	7/31/2008	8/4/2008	Lead	5.5		0.1053	mg/kg	7439-92-1	1	95.7	26060			percent	N	0.3732	1/0/1900	1/0/1900	SW3050	1	5.5		D	=			0.11	0.39	1/0/1900		Composite Sample	FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC28	YB1045	7/17/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-Y-B1045-07172008-DUP	582862	SW6010B	PB	SW6010	Soil	FD	7/21/2008	7/31/2008	8/4/2008	Lead	5.5		0.1056	mg/kg	7439-92-1	1	96	26060			percent	N	0.3744	1/0/1900	1/0/1900	SW3050	1	5.5		D	=			0.11	0.39	1/0/1900	FWDA-Y-B1045-07172008	Composite Sample	FT	JW	CT L	FALSE

FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-01-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-01-SS-072208	585001	SW8330	HMX	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	HMX	0.21	U	0.068	mg/kg	2691-41-0	1	97.1	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-01-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-01-SS-072208	585001	SW8330	NO2BZ	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	Nitrobenzene	0.15	U	0.0486	mg/kg	98-95-3	1	97.1	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-01-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-01-SS-072208	585001	SW8330	NTG	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	Nitroglycerin	2	U	0.5826	mg/kg	55-63-0	1	97.1	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-01-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-01-SS-072208	585001	SW8330	PETN	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	PETN	2.6	U	0.7768	mg/kg	78-11-5	1	97.1	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-01-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-01-SS-072208	585001	SW8330	RDX	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	RDX	0.18	U	0.0583	mg/kg	121-82-4	1	97.1	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-01-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-01-SS-072208	585001	SW8330	TETRYL	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	Tetryl	0.23	U	0.068	mg/kg	479-45-8	1	97.1	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	588137	SW6010B	PB	SW6010	Soil	LR	D	7/31/2008	7/31/2008	8/4/2008	Lead	4.1		0.113	mg/kg	7439-92-1	1	97.2	26077		4.1	percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW6010B	PB	SW6010	Soil	N		7/31/2008	7/31/2008	8/4/2008	Lead	4.4		0.1069	mg/kg	7439-92-1	1	97.2	26060			percent	N
FWDA	Fort Wingate Depot Activity		AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208MS	588136	SW6010B	PB	SW6010	Soil	MS		7/31/2008	7/31/2008	8/4/2008	Lead	24		0.113	mg/kg	7439-92-1	1	97.2	26077	29.8	77	percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW6010B	PB	SW6010	Soil	FD		7/31/2008	7/31/2008	8/4/2008	Lead	4.1		0.1069	mg/kg	7439-92-1	1	97.2	26077			[illegible]	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	DNBZ12	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	1,2-Dinitrobenzene	89			PERCENT	528-29-0	1	97.2	26095	100	89	percent	Y
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	DNBZ12	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	1,2-Dinitrobenzene	89			PERCENT	528-29-0	1	97.2	26095	100	89	percent	Y
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	TNB135	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	1,3,5-Trinitrobenzene	0.2	U	0.0583	mg/kg	99-35-4	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	TNB135	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	1,3,5-Trinitrobenzene	0.2	U	0.0583	mg/kg	99-35-4	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	DNB13	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	1,3-Dinitrobenzene	0.13	U	0.0389	mg/kg	99-65-0	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	DNB13	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	1,3-Dinitrobenzene	0.13	U	0.0389	mg/kg	99-65-0	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	TNT	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	2,4,6-Trinitrotoluene	0.24	U	0.0778	mg/kg	118-96-7	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	TNT	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	2,4,6-Trinitrotoluene	0.24	U	0.0778	mg/kg	118-96-7	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	DNT24	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	2,4-Dinitrotoluene	0.23	U	0.0389	mg/kg	121-14-2	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	DNT24	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	2,4-Dinitrotoluene	0.14	J	0.0389	mg/kg	121-14-2	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	DNT26	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	2,6-Dinitrotoluene	0.2		0.0583	mg/kg	606-20-2	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	DNT26	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	2,6-Dinitrotoluene	0.13	J	0.0583	mg/kg	606-20-2	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	A2DNT46	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.0583	mg/kg	35572-78-2	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	A2DNT46	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.0583	mg/kg	35572-78-2	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	NBZME2	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	2-Nitrotoluene	0.14	U	0.0486	mg/kg	88-72-2	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	NBZME2	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	2-Nitrotoluene	0.14	U	0.0486	mg/kg	88-72-2	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	NBZME3	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	3-Nitrotoluene	0.22	U	0.068	mg/kg	99-08-1	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	NBZME3	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	3-Nitrotoluene	0.22	U	0.068	mg/kg	99-08-1	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	A4DNT26	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.0778	mg/kg	19406-51-0	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	A4DNT26	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	4-Amino-2,6-dinitrotoluene	0.14	J	0.0778	mg/kg	19406-51-0	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	NBZME4	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	4-Nitrotoluene	0.23	U	0.068	mg/kg	99-99-0	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	NBZME4	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	4-Nitrotoluene	0.23	U	0.068	mg/kg	99-99-0	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	HMX	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	HMX	0.21	U	0.068	mg/kg	2691-41-0	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	HMX	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	HMX	0.21	U	0.068	mg/kg	2691-41-0	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	NO2BZ	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	Nitrobenzene	0.15	U	0.0486	mg/kg	98-95-3	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	NO2BZ	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	Nitrobenzene	0.15	U	0.0486	mg/kg	98-95-3	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	NTG	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	Nitroglycerin	2	U	0.5832	mg/kg	55-63-0	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	NTG	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	Nitroglycerin	2	U	0.5832	mg/kg	55-63-0	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	PETN	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	PETN	2.6	U	0.7776	mg/kg	78-11-5	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	PETN	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	PETN	2.6	U	0.7776	mg/kg	78-11-5	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	RDX	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	RDX	0.14	J	0.0583	mg/kg	121-82-4	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	RDX	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	RDX	0.18	U	0.0583	mg/kg	121-82-4	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208	585006	SW8330	TETRYL	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	Tetryl	0.23	U	0.068	mg/kg	479-45-8	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	C-02-SS		7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78C-02-SS-072208-DUP	585007	SW8330	TETRYL	SW8330B	Soil	FD		7/24/2008	8/2/2008	8/4/2008	Tetryl	0.08	J	0.068	mg/kg	479-45-8	1	97.2	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW6010B	PB	SW6010	Soil	N		7/28/2008	7/31/2008	8/4/2008	Lead	4.4		0.1064	mg/kg	7439-92-1	1	96.7	26077			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	DNBZ12	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	1,2-Dinitrobenzene	89			PERCENT	528-29-0	1	96.7	26095	100	89	percent	Y
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	TNB135	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	1,3,5-Trinitrobenzene	0.2	U	0.058	mg/kg	99-35-4	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	DNB13	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	1,3-Dinitrobenzene	0.13	U	0.0387	mg/kg	99-65-0	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	TNT	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	2,4,6-Trinitrotoluene	0.24	U	0.0764	mg/kg	118-96-7	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	DNT24	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	2,4-Dinitrotoluene	0.23	U	0.0387	mg/kg	121-14-2	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	DNT26	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	2,6-Dinitrotoluene	0.2		0.058	mg/kg	606-20-2	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	A2DNT46	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.058	mg/kg	35572-78-2	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	NBZME2	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	2-Nitrotoluene	0.14	U	0.0484	mg/kg	88-72-2	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	NBZME3	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	3-Nitrotoluene	0.2	J	0.0677	mg/kg	99-08-1	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	A4DNT26	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.0764	mg/kg	19406-51-0	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	NBZME4	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	4-Nitrotoluene	0.23	U	0.0677	mg/kg	99-99-0	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	HMX	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	HMX	0.21	U	0.0677	mg/kg	2691-41-0	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	NO2BZ	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	Nitrobenzene	0.15	U	0.0484	mg/kg	98-95-3	1	96.7	26095			percent	N
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC78	D-01-SS		7/23/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC78D-01-SS-072308	585887	SW8330	NTG	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	Nitroglycerin	2	U	0.5802	mg/kg	55-63-0	1	96.7	26095			percent	N

FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC83	SS	7/21/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC83-SS-072108	584998	SW8330	NTG	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	Nitroglycerin	2	U	0.5778	mg/kg	55-63-0	1	96.3	26095			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.6	2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC83	SS	7/21/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC83-SS-072108	584998	SW8330	PETN	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	PETN	2.6	U	0.7608	mg/kg	78-11-5	1	96.3	26095			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.79	2.6	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC83	SS	7/21/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC83-SS-072108	584998	SW8330	RDX	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	RDX	0.18	U	0.0578	mg/kg	121-82-4	1	96.3	26095			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC83	SS	7/21/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC83-SS-072108	584998	SW8330	TETRYL	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	Tetryl	0.23	U	0.0674	mg/kg	479-45-8	1	96.3	26095			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW6010B	PB	SW6010	Soil	N		7/24/2008	7/31/2008	8/4/2008	Lead	6.2		0.1064	mg/kg	7439-92-1	1	96.7	26060			percent	N		0.3675	1/0/1900	1/0/1900	SW3050			1		6.2		D	=			0.11	0.38	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	DNBZ12	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	1,2-Dinitrobenzene	80			PERCENT	528-29-0	1	96.7	26095	100	80	percent	Y			1/0/1900	1/0/1900	SW8330B			0		80		W	=	50	150			1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	TNB135	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	1,3,5-Trinitrobenzene	0.2	U	0.058	mg/kg	99-35-4	1	96.7	26095			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	DNB13	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	1,3-Dinitrobenzene	0.13	U	0.0387	mg/kg	99-65-0	1	96.7	26095			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	TNT	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	2,4,6-Trinitrotoluene	0.24	U	0.0774	mg/kg	118-96-7	1	96.7	26095			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.08	0.24	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	DNT24	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	2,4-Dinitrotoluene	0.23	U	0.0387	mg/kg	121-14-2	1	96.7	26095		paul wingate query	percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.04	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	DNT26	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	2,6-Dinitrotoluene	0.2	U	0.058	mg/kg	606-20-2	1	96.7	26095			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.06	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	A2DNT46	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.058	mg/kg	35572-78-2	1	96.7	26095			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	NBZME2	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	2-Nitrotoluene	0.14	U	0.0484	mg/kg	88-72-2	1	96.7	26095			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.05	0.14	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	NBZME3	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	3-Nitrotoluene	0.22	U	0.0677	mg/kg	99-08-1	1	96.7	26095			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.07	0.22	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	A4DNT26	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.0774	mg/kg	19406-51-0	1	96.7	26095			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.08	0.25	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	NBZME4	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	4-Nitrotoluene	0.23	U	0.0677	mg/kg	99-99-0	1	96.7	26095			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	HMX	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	HMX	0.21	U	0.0677	mg/kg	2691-41-0	1	96.7	26095			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.07	0.21	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	NO2BZ	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	Nitrobenzene	0.15	U	0.0484	mg/kg	98-95-3	1	96.7	26095			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.05	0.15	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	NTG	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	Nitroglycerin	2	U	0.5802	mg/kg	55-63-0	1	96.7	26095			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.6	2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	PETN	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	PETN	2.6	U	0.7736	mg/kg	78-11-5	1	96.7	26095			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.8	2.6	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	RDX	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	RDX	0.18	U	0.058	mg/kg	121-82-4	1	96.7	26095			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	01-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-01-SS-072208	584999	SW8330	TETRYL	SW8330B	Soil	N		7/24/2008	8/2/2008	8/4/2008	Tetryl	0.23	U	0.0677	mg/kg	479-45-8	1	96.7	26095			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW6010B	PB	SW6010	Soil	N		7/28/2008	7/31/2008	8/4/2008	Lead	4.3		0.1087	mg/kg	7439-92-1	1	98.8	26077			percent	N		0.37	1/0/1900	1/0/1900	SW3050			1		4.3		D	=			0.11	0.37	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	DNBZ12	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	1,2-Dinitrobenzene	95			PERCENT	528-29-0	1	98.8	26095	100	95	percent	Y			1/0/1900	1/0/1900	SW8330B			0		95		W	=	50	150			1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	TNB135	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	1,3,5-Trinitrobenzene	0.06	J	0.0593	mg/kg	99-35-4	1	98.8	26095			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			2	Laboratory flag changed from "JP" to "J"	0.2	J	D	J			0.06	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	DNB13	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	1,3-Dinitrobenzene	0.13	U	0.0395	mg/kg	99-65-0	1	98.8	26095			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	TNT	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	2,4,6-Trinitrotoluene	0.24	U	0.079	mg/kg	118-96-7	1	98.8	26095			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.08	0.24	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	DNT24	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	2,4-Dinitrotoluene	0.11	J	0.0395	mg/kg	121-14-2	1	98.8	26095			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2	Laboratory flag changed from "JP" to "J"	0.11	J	D	J			0.04	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	DNT26	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	2,6-Dinitrotoluene	0.45		0.0593	mg/kg	606-20-2	1	98.8	26095			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			2		0.45		D	=			0.06	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	A2DNT46	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.0593	mg/kg	35572-78-2	1	98.8	26095			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.06	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	NBZME2	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	2-Nitrotoluene	0.14	U	0.0494	mg/kg	88-72-2	1	98.8	26095			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.05	0.14	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	NBZME3	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	3-Nitrotoluene	0.22	U	0.0692	mg/kg	99-08-1	1	98.8	26095			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.07	0.22	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	A4DNT26	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.079	mg/kg	19406-51-0	1	98.8	26095			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.08	0.25	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	NBZME4	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	4-Nitrotoluene	0.23	U	0.0692	mg/kg	99-99-0	1	98.8	26095			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	HMX	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	HMX	0.21	U	0.0692	mg/kg	2691-41-0	1	98.8	26095			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.07	0.21	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	NO2BZ	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	Nitrobenzene	0.15	U	0.0494	mg/kg	98-95-3	1	98.8	26095			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.05	0.15	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	NTG	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	Nitroglycerin	2	U	0.5928	mg/kg	55-63-0	1	98.8	26095			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.6	2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	PETN	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	PETN	2.6	U	0.7904	mg/kg	78-11-5	1	98.8	26095			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.8	2.6	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	RDX	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	RDX	0.072	J	0.0593	mg/kg	121-82-4	1	98.8	26095			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			3	Laboratory flag changed from "JP" to "J"	0.18	J	D	J			0.06	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	02-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-02-SS-072208	585874	SW8330	TETRYL	SW8330B	Soil	N		7/28/2008	8/2/2008	8/4/2008	Tetryl	0.23	U	0.0692	mg/kg	479-45-8	1	98.8	26095			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.07	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW6010B	PB	SW6010	Soil	N		7/28/2008	7/31/2008	8/4/2008	Lead	5.9		0.1076	mg/kg	7439-92-1	1	97.8	26077			percent	N		0.3716	1/0/1900	1/0/1900	SW3050			1		5.9		D	=			0.11	0.38	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	DNBZ12	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	1,2-Dinitrobenzene	89			PERCENT	528-29-0	1	97.8	26095	100	89	percent	Y			1/0/1900	1/0/1900	SW8330B			0		89		W	=	50	150			1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	TNB135	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	1,3,5-Trinitrobenzene	0.2	U	0.0577	mg/kg	99-35-4	1	97.8	26095			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			1		0.2	U	D	U			0.059	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	DNB13	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	1,3-Dinitrobenzene	0.13	U	0.0391	mg/kg	99-65-0	1	97.8	26095			percent	N		0.13	1/0/1900	1/0/1900	SW8330B			2		0.13	U	D	U			0.04	0.13	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	TNT	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	2,4,6-Trinitrotoluene	0.24	U	0.0773	mg/kg	118-96-7	1	97.8	26095			percent	N		0.24	1/0/1900	1/0/1900	SW8330B			2		0.24	U	D	U			0.079	0.24	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	DNT24	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	2,4-Dinitrotoluene	0.13	J	0.0391	mg/kg	121-14-2	1	97.8	26095			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2	Laboratory flag changed from "JP" to "J"	0.13	J	D	J			0.04	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	DNT26	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	2,6-Dinitrotoluene	0.16	J	0.0577	mg/kg	606-20-2	1	97.8	26095			percent	N		0.2	1/0/1900	1/0/1900	SW8330B			2	Laboratory flag changed from "JP" to "J"	0.16	J	D	J			0.059	0.2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	A2DNT46	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	2-Amino-4,6-dinitrotoluene	0.18	U	0.0577	mg/kg	35572-78-2	1	97.8	26095			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.059	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	NBZME2	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	2-Nitrotoluene	0.14	U	0.0489	mg/kg	88-72-2	1	97.8	26095			percent	N		0.14	1/0/1900	1/0/1900	SW8330B			2		0.14	U	D	U			0.05	0.14	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	NBZME3	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	3-Nitrotoluene	0.22	U	0.0675	mg/kg	99-08-1	1	97.8	26095			percent	N		0.22	1/0/1900	1/0/1900	SW8330B			2		0.22	U	D	U			0.069	0.22	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	A4DNT26	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	4-Amino-2,6-dinitrotoluene	0.25	U	0.0773	mg/kg	19406-51-0	1	97.8	26095			percent	N		0.25	1/0/1900	1/0/1900	SW8330B			2		0.25	U	D	U			0.079	0.25	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	NBZME4	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	4-Nitrotoluene	0.23	U	0.0675	mg/kg	99-99-0	1	97.8	26095			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.069	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	HMX	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	HMX	0.21	U	0.0675	mg/kg	2691-41-0	1	97.8	26095			percent	N		0.21	1/0/1900	1/0/1900	SW8330B			2		0.21	U	D	U			0.069	0.21	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	NO2BZ	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	Nitrobenzene	0.15	U	0.0489	mg/kg	98-95-3	1	97.8	26095			percent	N		0.15	1/0/1900	1/0/1900	SW8330B			2		0.15	U	D	U			0.05	0.15	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	NTG	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	Nitroglycerin	2	U	0.577	mg/kg	55-63-0	1	97.8	26095			percent	N		2	1/0/1900	1/0/1900	SW8330B			0		2	U	D	U			0.59	2	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	PETN	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	PETN	2.6	U	0.7726	mg/kg	78-11-5	1	97.8	26095			percent	N		2.6	1/0/1900	1/0/1900	SW8330B			1		2.6	U	D	U			0.79	2.6	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	RDX	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	RDX	0.18	U	0.0577	mg/kg	121-82-4	1	97.8	26095			percent	N		0.18	1/0/1900	1/0/1900	SW8330B			2		0.18	U	D	U			0.059	0.18	1/0/1900		Composite Sample			FT	JW	CT L	FALSE
FWDA	Fort Wingate Depot Activity	377145.FW.04.DR	AOC84	03-SS	7/22/2008	1/0/1900	CTLabs	67874	FWDA-150708	FWDA-AOC84-03-SS-072208	585885	SW8330	TETRYL	SW8330B	Soil	N		7/28/2008	8/2/2008	8/5/2008	Tetryl	0.23	U	0.0675	mg/kg	479-45-8	1	97.8	26095			percent	N		0.23	1/0/1900	1/0/1900	SW8330B			2		0.23	U	D	U			0.069	0.23	1/0/1900		Composite Sample			FT	JW	CT L	FALSE

C:\Documents and Settings\ETK.CTLABORATORIES\Desktop\CH-ANALYZER_V1.16_2K.mdb

Reviewer:	etk	File Name:	68139edd . csv	Comments:
Date:	8-20-08	Directory:	z:\pm working files\pdf file\et	

These are CAS - PARAMID combinations that are not in the VVL list: **qryVVL_CAS_ParamID**

Analyte	CAS	ParamID	LabSampleID
Total Solids	SOLID	SOLID	588304
Total Solids	SOLID	SOLID	588305
Total Solids	SOLID	SOLID	588306
Total Solids	SOLID	SOLID	588307
Total Solids	SOLID	SOLID	588308
Total Solids	SOLID	SOLID	588309
Total Solids	SOLID	SOLID	588310
Total Solids	SOLID	SOLID	588311
Total Solids	SOLID	SOLID	588312

Total Solids	SOLID	SOLID	588313
Total Solids	SOLID	SOLID	588314
Total Solids	SOLID	SOLID	588315
Total Solids	SOLID	SOLID	588316
Total Solids	SOLID	SOLID	588317
Total Solids	SOLID	SOLID	588318
Total Solids	SOLID	SOLID	588319
Total Solids	SOLID	SOLID	588320
Total Solids	SOLID	SOLID	588321
Total Solids	SOLID	SOLID	588322
Total Solids	SOLID	SOLID	588323
Total Solids	SOLID	SOLID	588325
Total Solids	SOLID	SOLID	588326
Total Solids	SOLID	SOLID	588327
Total Solids	SOLID	SOLID	588328
Total Solids	SOLID	SOLID	588329
Total Solids	SOLID	SOLID	588330
Total Solids	SOLID	SOLID	588331
Total Solids	SOLID	SOLID	588332
Total Solids	SOLID	SOLID	588333
Total Solids	SOLID	SOLID	588334
Total Solids	SOLID	SOLID	588911
Total Solids	SOLID	SOLID	589987

These Methods are null or invalid values: qryVVL_Method

AnalysisMethod	LabSampleID
E160.3	588304

E160.3	588305
E160.3	588306
E160.3	588307
E160.3	588308
E160.3	588309
E160.3	588310
E160.3	588311
E160.3	588312
E160.3	588313
E160.3	588314
E160.3	588315
E160.3	588316
E160.3	588317
E160.3	588318
E160.3	588319
E160.3	588320
E160.3	588321
E160.3	588322
E160.3	588323
E160.3	588325
E160.3	588326
E160.3	588327
E160.3	588328
E160.3	588329
E160.3	588330
E160.3	588331
E160.3	588332
E160.3	588333
E160.3	588334
E160.3	588911
E160.3	589987
SW6010	588304
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SW6010	588306
SW6010	588307
SW6010	588308
SW6010	588309
SW6010	588310
SW6010	588311
SW6010	588312
SW6010	588313
SW6010	588314

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SW8330B	588694
SW8330B	588697
SW8330B	588705
SW8330B	588707
SW8330B	588708
SW8330B	590002
SW8330B	590003
SW8330B	590006
SW8330B	590010
SW8330B	590011
SW8330B	590013
SW8330B	590014

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ANALYTICAL REPORT

CH2M HILL
JEFFREY JOHNSTON
4041 JEFFERSON PLAZA NE
SUITE 200
ALBUQUERQUE, NM 87109

Copy: trudy.scott@ch2m.com

Project Name: FT WINGATE
Contract #: 2175
Project #: 377145.FW.04.SC
Folder #: 68139
Purchase Order #: 928787rev1

Arrival Temperature: 6.6
Report Date: 8/18/2008
Date Received: 7/31/2008
Reprint Date: 8/19/2008

CT LAB#: 588304 Sample Description: FWDA-B1073-SS-072508 Sampled: 7/25/2008 0845

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	99.2	%				1			08/05/2008 17:00	AMA	EPA 8000C
Metals Results											
Lead	37.8	mg/kg	0.11	0.37	0.37	1		8/6/2008 09:30	08/07/2008 12:08	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 588304 Sample Description: FWDA-B1073-SS-072508 Sampled: 7/25/2008 0845

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B
1,2-Dinitrobenzene	85	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/13/2008 17:30	RED	EPA 8330B

CT LAB#: 588305 Sample Description: FWDA-B1017-SS-072508 Sampled: 7/25/2008 0914

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	98.8	%				1			08/05/2008 17:00	AMA	EPA 8000C
Metals Results											
Lead	13.9	mg/kg	0.11	0.37	0.37	1		8/6/2008 09:30	08/07/2008 12:15	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 588305 Sample Description: FWDA-B1017-SS-072508 Sampled: 7/25/2008 0914

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B
1,2-Dinitrobenzene	87	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/13/2008 18:07	RED	EPA 8330B

CT LAB#: 588306 Sample Description: FWDA-B1045-SS-072508 Sampled: 7/25/2008 1052

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	98.7	%				1			08/05/2008 17:00	AMA	EPA 8000C
Metals Results											
Lead	17.2	mg/kg	0.11	0.37	0.37	1		8/6/2008 09:30	08/07/2008 12:22	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.061	mg/kg	0.061	0.20	0.20	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.081	mg/kg	0.081	0.24	0.24	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
2,6-Dinitrotoluene	<0.061	mg/kg	0.061	0.20	0.20	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.061	mg/kg	0.061	0.18	0.18	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
2-Nitrotoluene	<0.051	mg/kg	0.051	0.14	0.14	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
3-Nitrotoluene	<0.071	mg/kg	0.071	0.22	0.22	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.081	mg/kg	0.081	0.25	0.25	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
4-Nitrotoluene	<0.071	mg/kg	0.071	0.23	0.23	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
HMX	<0.071	mg/kg	0.071	0.21	0.21	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
Nitrobenzene	<0.051	mg/kg	0.051	0.15	0.15	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
Nitroglycerin	<0.61	mg/kg	0.61	2.0	2.0	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
PETN	<0.81	mg/kg	0.81	2.6	2.6	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 588306 Sample Description: FWDA-B1045-SS-072508 Sampled: 7/25/2008 1052

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
RDX	<0.061	mg/kg	0.061	0.18	0.18	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
Tetryl	<0.071	mg/kg	0.071	0.23	0.23	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B
1,2-Dinitrobenzene	80	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/13/2008 18:44	RED	EPA 8330B

CT LAB#: 588307 Sample Description: FWDA-B1019-SS-072508 Sampled: 7/25/2008 1048

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	98.6	%				1			08/05/2008 17:00	AMA	EPA 8000C
Metals Results											
Lead	17.0	mg/kg	0.11	0.38	0.37	1		8/6/2008 09:30	08/07/2008 12:28	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 588307 Sample Description: FWDA-B1019-SS-072508 Sampled: 7/25/2008 1048

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B
1,2-Dinitrobenzene	87	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/13/2008 19:22	RED	EPA 8330B

CT LAB#: 588308 Sample Description: FWDA-B1024-SS-072808 Sampled: 7/28/2008 1406

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	99.2	%				1			08/05/2008 17:00	AMA	EPA 8000C
Metals Results											
Lead	10.8	mg/kg	0.11	0.37	0.37	1		8/6/2008 09:30	08/07/2008 12:35	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 588308 Sample Description: FWDA-B1024-SS-072808 Sampled: 7/28/2008 1406

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dinitrobenzene	92	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/13/2008 13:08	RED	EPA 8330B

CT LAB#: 588309 Sample Description: FWDA-B1050-SS-072808 Sampled: 7/28/2008 1630

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	99.4	%				1			08/05/2008 17:00	AMA	EPA 8000C
Metals Results											
Lead	6.8	mg/kg	0.11	0.37	0.37	1		8/6/2008 09:30	08/07/2008 13:20	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B
1,2-Dinitrobenzene	86	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/13/2008 19:59	RED	EPA 8330B

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 588309 Sample Description: FWDA-B1050-SS-072808 Sampled: 7/28/2008 1630

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

CT LAB#: 588310 Sample Description: FWDA-B1050-SS-072808-DUP Sampled: 7/28/2008 1630

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	99.4	%				1			08/05/2008 17:00	AMA	EPA 8000C
Metals Results											
Lead	6.5	mg/kg	0.11	0.37	0.37	1		8/6/2008 09:30	08/07/2008 13:27	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B
1,2-Dinitrobenzene	84	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/13/2008 20:37	RED	EPA 8330B

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 588311 Sample Description: FWDA-B1054-SS-072908 Sampled: 7/29/2008 1053

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	99.0	%				1			08/05/2008 17:00	AMA	EPA 8000C
Metals Results											
Lead	5.8	mg/kg	0.11	0.37	0.37	1		8/6/2008 09:30	08/07/2008 13:33	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B
1,2-Dinitrobenzene	84	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/13/2008 21:14	RED	EPA 8330B

CT LAB#: 588312 Sample Description: FWDA-B1017-DR-SS-072808 Sampled: 7/28/2008 0821

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588312 Sample Description: FWDA-B1017-DR-SS-072808 Sampled: 7/28/2008 0821

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	85.2	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	25.2	mg/kg	0.13	0.43	0.37	1		8/6/2008 09:30	08/07/2008 13:40	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B
1,2-Dinitrobenzene	102	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/07/2008 00:54	RED	EPA 8330B

CT LAB#: 588313 Sample Description: FWDA-B1019-DL-SS-072808 Sampled: 7/28/2008 0955

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588313 Sample Description: FWDA-B1019-DL-SS-072808 Sampled: 7/28/2008 0955

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	94.3	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	21.3	mg/kg	0.12	0.39	0.37	1		8/6/2008 09:30	08/07/2008 15:36	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.059	mg/kg	0.059	0.20	0.20	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.079	mg/kg	0.079	0.24	0.24	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
2,6-Dinitrotoluene	<0.059	mg/kg	0.059	0.20	0.20	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.059	mg/kg	0.059	0.18	0.18	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
3-Nitrotoluene	<0.069	mg/kg	0.069	0.22	0.22	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.079	mg/kg	0.079	0.25	0.25	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
4-Nitrotoluene	<0.069	mg/kg	0.069	0.23	0.23	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
HMX	<0.069	mg/kg	0.069	0.21	0.21	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
Nitroglycerin	<0.59	mg/kg	0.59	2.0	2.0	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
PETN	<0.79	mg/kg	0.79	2.6	2.6	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
RDX	<0.059	mg/kg	0.059	0.18	0.18	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
Tetryl	<0.069	mg/kg	0.069	0.23	0.23	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B
1,2-Dinitrobenzene	103	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/06/2008 16:48	RED	EPA 8330B

CT LAB#: 588314 Sample Description: FWDA-B1050-DR-SS-072808 Sampled: 7/28/2008 1555

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588314 Sample Description: FWDA-B1050-DR-SS-072808 Sampled: 7/28/2008 1555

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	94.5	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	26.5	mg/kg	0.12	0.39	0.37	1		8/6/2008 09:30	08/07/2008 13:46	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B
1,2-Dinitrobenzene	100	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/07/2008 01:32	RED	EPA 8330B

CT LAB#: 588315 Sample Description: FWDA-B1073-DR-SS-072508 Sampled: 7/25/2008 0750

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588315 Sample Description: FWDA-B1073-DR-SS-072508 Sampled: 7/25/2008 0750

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	91.0	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	25.0	mg/kg	0.12	0.41	0.37	1		8/6/2008 09:30	08/07/2008 13:53	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.061	mg/kg	0.061	0.20	0.20	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.081	mg/kg	0.081	0.24	0.24	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
2,6-Dinitrotoluene	<0.061	mg/kg	0.061	0.20	0.20	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.061	mg/kg	0.061	0.18	0.18	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
2-Nitrotoluene	<0.051	mg/kg	0.051	0.14	0.14	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
3-Nitrotoluene	<0.071	mg/kg	0.071	0.22	0.22	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.081	mg/kg	0.081	0.25	0.25	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
4-Nitrotoluene	<0.071	mg/kg	0.071	0.23	0.23	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
HMX	<0.071	mg/kg	0.071	0.21	0.21	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
Nitrobenzene	<0.051	mg/kg	0.051	0.15	0.15	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
Nitroglycerin	<0.61	mg/kg	0.61	2.0	2.0	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
PETN	<0.81	mg/kg	0.81	2.6	2.6	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
RDX	<0.061	mg/kg	0.061	0.18	0.18	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
Tetryl	<0.071	mg/kg	0.071	0.23	0.23	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B
1,2-Dinitrobenzene	99	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/07/2008 02:09	RED	EPA 8330B

CT LAB#: 588316 Sample Description: FWDA-B1045-DR-SS-072508 Sampled: 7/25/2008 1012

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588316 Sample Description: FWDA-B1045-DR-SS-072508 Sampled: 7/25/2008 1012

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	91.8	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	21.0	mg/kg	0.12	0.40	0.37	1		8/6/2008 09:30	08/07/2008 14:00	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B
1,2-Dinitrobenzene	90	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/07/2008 02:47	RED	EPA 8330B

CT LAB#: 588317 Sample Description: FWDA-B1045-DL-SS-072508 Sampled: 7/25/2008 1020

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588317 Sample Description: FWDA-B1045-DL-SS-072508 Sampled: 7/25/2008 1020

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	92.2	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	48.8	mg/kg	0.12	0.40	0.37	1		8/6/2008 09:30	08/07/2008 14:19	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.081	mg/kg	0.081	0.24	0.24	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.081	mg/kg	0.081	0.25	0.25	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
PETN	<0.81	mg/kg	0.81	2.6	2.6	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B
1,2-Dinitrobenzene	92	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/07/2008 04:39	RED	EPA 8330B

CT LAB#: 588318 Sample Description: FWDA-B1017-DL-SS-072808 Sampled: 7/28/2008 0814

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588318 Sample Description: FWDA-B1017-DL-SS-072808 Sampled: 7/28/2008 0814

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	92.2	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	48.8	mg/kg	0.12	0.40	0.37	1		8/6/2008 09:30	08/07/2008 14:26	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
HMX	0.080	mg/kg	0.070	0.21	0.21	1	J	8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B
1,2-Dinitrobenzene	88	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/07/2008 05:16	RED	EPA 8330B

CT LAB#: 588319 Sample Description: FWDA-B1017-DR-SS-072808-D Sampled: 7/28/2008 0821

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588319 Sample Description: FWDA-B1017-DR-SS-072808-D Sampled: 7/28/2008 0821

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	85.8	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	19.2	mg/kg	0.13	0.43	0.37	1		8/6/2008 09:30	08/07/2008 14:32	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.061	mg/kg	0.061	0.20	0.20	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
1,3-Dinitrobenzene	<0.041	mg/kg	0.041	0.13	0.13	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.081	mg/kg	0.081	0.24	0.24	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
2,4-Dinitrotoluene	<0.041	mg/kg	0.041	0.23	0.23	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
2,6-Dinitrotoluene	<0.061	mg/kg	0.061	0.20	0.20	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.061	mg/kg	0.061	0.18	0.18	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
2-Nitrotoluene	<0.051	mg/kg	0.051	0.14	0.14	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
3-Nitrotoluene	<0.071	mg/kg	0.071	0.22	0.22	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.081	mg/kg	0.081	0.25	0.25	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
4-Nitrotoluene	<0.071	mg/kg	0.071	0.23	0.23	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
HMX	<0.071	mg/kg	0.071	0.21	0.21	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
Nitrobenzene	<0.051	mg/kg	0.051	0.15	0.15	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
Nitroglycerin	<0.61	mg/kg	0.61	2.0	2.0	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
PETN	<0.81	mg/kg	0.81	2.6	2.6	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
RDX	<0.061	mg/kg	0.061	0.18	0.18	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
Tetryl	<0.071	mg/kg	0.071	0.23	0.23	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B
1,2-Dinitrobenzene	96	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/07/2008 05:54	RED	EPA 8330B

CT LAB#: 588320 Sample Description: FWDA-B1024-DL-SS-072808 Sampled: 7/28/2008 1123

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588320 Sample Description: FWDA-B1024-DL-SS-072808 Sampled: 7/28/2008 1123

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	94.9	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	34.2	mg/kg	0.12	0.39	0.37	1		8/6/2008 09:30	08/07/2008 14:39	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.079	mg/kg	0.079	0.24	0.24	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
3-Nitrotoluene	<0.069	mg/kg	0.069	0.22	0.22	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.079	mg/kg	0.079	0.25	0.25	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
4-Nitrotoluene	<0.069	mg/kg	0.069	0.23	0.23	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
HMX	<0.069	mg/kg	0.069	0.21	0.21	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
PETN	<0.79	mg/kg	0.79	2.6	2.6	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
Tetryl	<0.069	mg/kg	0.069	0.23	0.23	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B
1,2-Dinitrobenzene	95	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/07/2008 06:31	RED	EPA 8330B

CT LAB#: 588321 Sample Description: FWDA-B1019-DR-SS-072808 Sampled: 7/28/2008 1004

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588321 Sample Description: FWDA-B1019-DR-SS-072808 Sampled: 7/28/2008 1004

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	91.6	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	14.2	mg/kg	0.12	0.40	0.37	1		8/6/2008 09:30	08/07/2008 14:45	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.059	mg/kg	0.059	0.20	0.20	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.079	mg/kg	0.079	0.24	0.24	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
2,6-Dinitrotoluene	<0.059	mg/kg	0.059	0.20	0.20	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.059	mg/kg	0.059	0.18	0.18	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
3-Nitrotoluene	<0.069	mg/kg	0.069	0.22	0.22	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.079	mg/kg	0.079	0.25	0.25	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
4-Nitrotoluene	<0.069	mg/kg	0.069	0.23	0.23	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
HMX	<0.069	mg/kg	0.069	0.21	0.21	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
Nitroglycerin	<0.59	mg/kg	0.59	2.0	2.0	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
PETN	<0.79	mg/kg	0.79	2.6	2.6	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
RDX	<0.059	mg/kg	0.059	0.18	0.18	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
Tetryl	<0.069	mg/kg	0.069	0.23	0.23	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B
1,2-Dinitrobenzene	101	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/07/2008 07:09	RED	EPA 8330B

CT LAB#: 588322 Sample Description: FWDA-B1050-DL-SS-072808 Sampled: 7/28/2008 1550

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588322 Sample Description: FWDA-B1050-DL-SS-072808 Sampled: 7/28/2008 1550

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	93.5	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	64.2	mg/kg	0.12	0.40	0.37	1		8/6/2008 09:30	08/07/2008 14:52	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B
1,2-Dinitrobenzene	88	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/07/2008 07:46	RED	EPA 8330B

CT LAB#: 588323 Sample Description: FWDA-B1024-DR-SS-072808 Sampled: 7/28/2008 1110

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588323 Sample Description: FWDA-B1024-DR-SS-072808 Sampled: 7/28/2008 1110

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	96.7	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	13.7	mg/kg	0.11	0.38	0.37	1		8/6/2008 09:30	08/07/2008 14:58	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B
1,2-Dinitrobenzene	98	% Recovery	50	150	50-150	1		8/3/2008 12:30	08/07/2008 08:24	RED	EPA 8330B

CT LAB#: 588325 Sample Description: FWDA-B1073-DL-SS-072508 Sampled: 7/25/2008 0800

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588325 Sample Description: FWDA-B1073-DL-SS-072508 Sampled: 7/25/2008 0800

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	89.5	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	44.7	mg/kg	0.12	0.41	0.37	1		8/6/2008 09:30	08/07/2008 16:08	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B
1,2-Dinitrobenzene	84	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/14/2008 10:36	RED	EPA 8330B

CT LAB#: 588326 Sample Description: FWDA-B1054-DR-SS-072908 Sampled: 7/29/2008 1021

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588326 Sample Description: FWDA-B1054-DR-SS-072908 Sampled: 7/29/2008 1021

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	94.4	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	10.1	mg/kg	0.12	0.39	0.37	1		8/6/2008 09:30	08/07/2008 16:15	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B
1,2-Dinitrobenzene	86	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/14/2008 11:13	RED	EPA 8330B

CT LAB#: 588327 Sample Description: FWDA-B1054-DL-SS-072908 Sampled: 7/29/2008 1012

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588327 Sample Description: FWDA-B1054-DL-SS-072908 Sampled: 7/29/2008 1012

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	94.4	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	87.4	mg/kg	0.12	0.39	0.37	1		8/6/2008 09:30	08/07/2008 16:21	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.079	mg/kg	0.079	0.24	0.24	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.079	mg/kg	0.079	0.25	0.25	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
PETN	<0.79	mg/kg	0.79	2.6	2.6	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B
1,2-Dinitrobenzene	84	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/14/2008 11:51	RED	EPA 8330B

CT LAB#: 588328 Sample Description: FWDA-B1054-DR-SS-072908-D Sampled: 7/29/2008 1021

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588328 Sample Description: FWDA-B1054-DR-SS-072908-D Sampled: 7/29/2008 1021

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	94.9	%				1			08/01/2008 16:00	MWD	EPA 8000C
Metals Results											
Lead	36.9	mg/kg	0.12	0.39	0.37	1		8/6/2008 09:30	08/07/2008 16:28	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B
1,2-Dinitrobenzene	90	% Recovery	50	150	50-150	1		8/8/2008 15:45	08/14/2008 12:28	RED	EPA 8330B

CT LAB#: 588329 Sample Description: FWDA-T04-SS-073008 Sampled: 7/30/2008 0802

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588329 Sample Description: FWDA-T04-SS-073008 Sampled: 7/30/2008 0802

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	97.1	%				1			08/05/2008 17:00	AMA	EPA 8000C
Organic Results											
Surr: 2,4,5,6-TCMX	84	% Recovery	50	150	50-150	1		8/5/2008 10:00	08/14/2008 13:55	SRT	EPA 8082
Surr: DCBP	94	% Recovery	50	150	50-150	1		8/5/2008 10:00	08/14/2008 13:55	SRT	EPA 8082
Aroclor-1016	<9.3	ug/kg	9.3	32	31	1		8/5/2008 10:00	08/14/2008 13:55	SRT	EPA 8082 ^
Aroclor-1221	<12	ug/kg	12	42	41	1		8/5/2008 10:00	08/14/2008 13:55	SRT	EPA 8082 ^
Aroclor-1232	<14	ug/kg	14	48	47	1		8/5/2008 10:00	08/14/2008 13:55	SRT	EPA 8082 ^
Aroclor-1242	<10	ug/kg	10	35	34	1		8/5/2008 10:00	08/14/2008 13:55	SRT	EPA 8082 ^
Aroclor-1248	<9.3	ug/kg	9.3	30	29	1		8/5/2008 10:00	08/14/2008 13:55	SRT	EPA 8082 ^
Aroclor-1254	<3.1	ug/kg	3.1	10	10	1		8/5/2008 10:00	08/14/2008 13:55	SRT	EPA 8082 ^
Aroclor-1260	<6.2	ug/kg	6.2	20	19	1		8/5/2008 10:00	08/14/2008 13:55	SRT	EPA 8082 ^

CT LAB#: 588330 Sample Description: FWDA-T03-SS-073008 Sampled: 7/30/2008 0837

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	98.3	%				1			08/05/2008 17:00	AMA	EPA 8000C
Organic Results											
Surr: 2,4,5,6-TCMX	85	% Recovery	50	150	50-150	1		8/5/2008 10:00	08/14/2008 14:04	SRT	EPA 8082
Surr: DCBP	93	% Recovery	50	150	50-150	1		8/5/2008 10:00	08/14/2008 14:04	SRT	EPA 8082
Aroclor-1016	<9.1	ug/kg	9.1	31	31	1		8/5/2008 10:00	08/14/2008 14:04	SRT	EPA 8082 ^
Aroclor-1221	<12	ug/kg	12	41	41	1		8/5/2008 10:00	08/14/2008 14:04	SRT	EPA 8082 ^
Aroclor-1232	<14	ug/kg	14	47	47	1		8/5/2008 10:00	08/14/2008 14:04	SRT	EPA 8082 ^
Aroclor-1242	<10	ug/kg	10	34	34	1		8/5/2008 10:00	08/14/2008 14:04	SRT	EPA 8082 ^
Aroclor-1248	<9.1	ug/kg	9.1	29	29	1		8/5/2008 10:00	08/14/2008 14:04	SRT	EPA 8082 ^

Solid sample results reported on a Dry Weight Basis

CT LAB#: 588330 Sample Description: FWDA-T03-SS-073008 Sampled: 7/30/2008 0837

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Aroclor-1254	<3.0	ug/kg	3.0	10	10	1		8/5/2008 10:00	08/14/2008 14:04	SRT	EPA 8082 ^
Aroclor-1260	<6.0	ug/kg	6.0	19	19	1		8/5/2008 10:00	08/14/2008 14:04	SRT	EPA 8082 ^

CT LAB#: 588331 Sample Description: FWDA-T02-SS-073008 Sampled: 7/30/2008 0854

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	99.6	%				1			08/05/2008 17:00	AMA	EPA 8000C
Organic Results											
Qualifiers applying to all Analytes of Method EPA 8082: V											
Surr: 2,4,5,6-TCMX	80	% Recovery	50	150	50-150	1		8/5/2008 10:00	08/15/2008 10:28	SRT	EPA 8082
Surr: DCBP	67	% Recovery	50	150	50-150	1		8/5/2008 10:00	08/15/2008 10:28	SRT	EPA 8082
Aroclor-1016	<18	ug/kg	18	62	31	1		8/5/2008 10:00	08/15/2008 10:28	SRT	EPA 8082 ^
Aroclor-1221	<24	ug/kg	24	82	41	1		8/5/2008 10:00	08/15/2008 10:28	SRT	EPA 8082 ^
Aroclor-1232	<28	ug/kg	28	94	47	1		8/5/2008 10:00	08/15/2008 10:28	SRT	EPA 8082 ^
Aroclor-1242	<20	ug/kg	20	68	34	1		8/5/2008 10:00	08/15/2008 10:28	SRT	EPA 8082 ^
Aroclor-1248	<18	ug/kg	18	58	29	1		8/5/2008 10:00	08/15/2008 10:28	SRT	EPA 8082 ^
Aroclor-1254	<6.0	ug/kg	6.0	20	10	1		8/5/2008 10:00	08/15/2008 10:28	SRT	EPA 8082 ^
Aroclor-1260	<12	ug/kg	12	38	19	1		8/5/2008 10:00	08/15/2008 10:28	SRT	EPA 8082 ^

CT LAB#: 588332 Sample Description: FWDA-T02-SS-073008-DUP Sampled: 7/30/2008 0854

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	99.5	%				1			08/05/2008 17:00	AMA	EPA 8000C

Solid sample results reported on a Dry Weight Basis

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CT LAB#: 588332 Sample Description: FWDA-T02-SS-073008-DUP Sampled: 7/30/2008 0854

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results											
Qualifiers applying to all Analytes of Method EPA 8082: V											
Surr: 2,4,5,6-TCMX	64	% Recovery	50	150	50-150	1		8/5/2008 10:00	08/14/2008 14:23	SRT	EPA 8082
Surr: DCBP	54	% Recovery	50	150	50-150	1		8/5/2008 10:00	08/14/2008 14:23	SRT	EPA 8082
Aroclor-1016	<18	ug/kg	18	62	31	1		8/5/2008 10:00	08/14/2008 14:23	SRT	EPA 8082 ^
Aroclor-1221	<24	ug/kg	24	82	41	1		8/5/2008 10:00	08/14/2008 14:23	SRT	EPA 8082 ^
Aroclor-1232	<28	ug/kg	28	94	47	1		8/5/2008 10:00	08/14/2008 14:23	SRT	EPA 8082 ^
Aroclor-1242	<20	ug/kg	20	68	34	1		8/5/2008 10:00	08/14/2008 14:23	SRT	EPA 8082 ^
Aroclor-1248	<18	ug/kg	18	58	29	1		8/5/2008 10:00	08/14/2008 14:23	SRT	EPA 8082 ^
Aroclor-1254	<6.0	ug/kg	6.0	20	10	1		8/5/2008 10:00	08/14/2008 14:23	SRT	EPA 8082 ^
Aroclor-1260	<12	ug/kg	12	38	19	1		8/5/2008 10:00	08/14/2008 14:23	SRT	EPA 8082 ^

CT LAB#: 588333 Sample Description: FWDA-AOC79-01-SS-072908 Sampled: 7/29/2008 1508

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	99.0	%				1			08/05/2008 17:00	AMA	EPA 8000C
Metals Results											
Lead	5.3	mg/kg	0.11	0.37	0.37	1		8/6/2008 09:30	08/07/2008 16:34	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.079	mg/kg	0.079	0.24	0.24	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 588333 Sample Description: FWDA-AOC79-01-SS-072908 Sampled: 7/29/2008 1508

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
3-Nitrotoluene	<0.069	mg/kg	0.069	0.22	0.22	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.079	mg/kg	0.079	0.25	0.25	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
4-Nitrotoluene	<0.069	mg/kg	0.069	0.23	0.23	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
HMX	<0.069	mg/kg	0.069	0.21	0.21	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
PETN	<0.79	mg/kg	0.79	2.6	2.6	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
Tetryl	<0.069	mg/kg	0.069	0.23	0.23	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B
1,2-Dinitrobenzene	101	% Recovery	50	150	50-150	1		8/7/2008 20:00	08/13/2008 09:23	RED	EPA 8330B

CT LAB#: 588334 Sample Description: FWDA-AOC79-02-SS-072908 Sampled: 7/29/2008 1531

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results											
Solids, Percent	97.9	%				1			08/05/2008 17:00	AMA	EPA 8000C
Metals Results											
Lead	7.4	mg/kg	0.11	0.38	0.37	1		8/6/2008 09:30	08/07/2008 16:53	NAH	EPA 6010B ^
Organic Results											
1,3,5-Trinitrobenzene	<0.060	mg/kg	0.060	0.20	0.20	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
1,3-Dinitrobenzene	<0.040	mg/kg	0.040	0.13	0.13	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
2,4,6-Trinitrotoluene	<0.080	mg/kg	0.080	0.24	0.24	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
2,4-Dinitrotoluene	<0.040	mg/kg	0.040	0.23	0.23	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
2,6-Dinitrotoluene	<0.060	mg/kg	0.060	0.20	0.20	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
2-Amino-4,6-dinitrotoluene	<0.060	mg/kg	0.060	0.18	0.18	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

CT LAB#: 588334 Sample Description: FWDA-AOC79-02-SS-072908 Sampled: 7/29/2008 1531

Analyte	Result	Units	LOD	LOQ	Reporting Limit	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Nitrotoluene	<0.050	mg/kg	0.050	0.14	0.14	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
3-Nitrotoluene	<0.070	mg/kg	0.070	0.22	0.22	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
4-Amino-2,6-dinitrotoluene	<0.080	mg/kg	0.080	0.25	0.25	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
4-Nitrotoluene	<0.070	mg/kg	0.070	0.23	0.23	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
HMX	<0.070	mg/kg	0.070	0.21	0.21	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
Nitrobenzene	<0.050	mg/kg	0.050	0.15	0.15	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
Nitroglycerin	<0.60	mg/kg	0.60	2.0	2.0	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
PETN	<0.80	mg/kg	0.80	2.6	2.6	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
RDX	<0.060	mg/kg	0.060	0.18	0.18	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
Tetryl	<0.070	mg/kg	0.070	0.23	0.23	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B
1,2-Dinitrobenzene	90	% Recovery	50	150	50-150	1		8/7/2008 20:00	08/13/2008 10:00	RED	EPA 8330B

Solid sample results reported on a Dry Weight Basis

ACCREDITED IN ACCORDANCE WITH nelac

Notes regarding entire Chain of Custody:

Notes:
^ Indicates the laboratory is NELAP accredited for this analyte by the indicated matrix and method.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.
This report has been specifically prepared to satisfy project or program requirements. The test results in this report meet NELAP requirements for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Submitted by: _____

Eric T. Korthals
Project Manager
608-356-2760

QC Qualifiers

Code	Description
A	Analyte averaged calibration criteria within acceptable limits.
B	Analyte detected in associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Calibration criteria exceeded.

Current CT Laboratories Certifications

Illinois NELAP ID# 200046

Kansas NELAP ID# E-10368

Kentucky ID# 0023

Pennsylvania NELAP ID# 68-04201

New Jersey NELAP ID# WI001

North Dakota ID# R-171

Wisconsin Chemistry ID# 157066030

Wisconsin Bacteriology ID# 105-289

CT LABORATORIES
delivering more than data from your environmental analyses

Sample Condition Report

Folder #: 68139
Client: CH2M HILL

Print Date / Time: 08/01/2008 09:11
Received Date / Time / By: 07/31/2008 1200 JLS

Project Name: FT WINGATE
Project #: 377145.FW.04.SC

Log-In Date / Time / By: 07/31/2008 1300 JLS
PM: ETK

Coolers: 3270,3331,3621,3378
Custody Seals Present : **Y**

Temperature: SEE BELOW On Ice: **Y**
COC Present:? **Y** Complete? **Y**

Seal Intact? **Y**
Ship Method: FEDEX
Adequate Packaging: **Y**

Numbers: DATED/SIGNED
Tracking Number: 866560451625, -1658, -1614, -1636
Temp Blank Enclosed? **Y**

Notes: ALL SAMPLES RECEIVED INTACT AND IN GOOD CONDITION. COOLER 3270 @ 6.6C, COOLER 3331 @ 3.8C, COOLER 3621 @ 6.0C, COOLER 3378 @ 2.8C.

Sample ID / Description		Container	# Cont.	Condition Code	Filt.?	Tests
588304	FWDA-B1073-SS-072508	JAR GL	1	1		SOIL PREP/MIX
588304	FWDA-B1073-SS-072508	JAR GL	1	1		SOIL PREP/MIX
588304	FWDA-B1073-SS-072508	SOLIDS	1	1		%SOL,ICP
588304	FWDA-B1073-SS-072508	UNPRES GL	1	1		EXPL
588305	FWDA-B1017-SS-072508	JAR GL	1	1		SOIL PREP/MIX
588305	FWDA-B1017-SS-072508	JAR GL	1	1		SOIL PREP/MIX
588305	FWDA-B1017-SS-072508	SOLIDS	1	1		%SOL,ICP
588305	FWDA-B1017-SS-072508	UNPRES GL	1	1		EXPL
588306	FWDA-B1045-SS-072508	JAR GL	1	1		SOIL PREP/MIX
588306	FWDA-B1045-SS-072508	JAR GL	1	1		SOIL PREP/MIX
588306	FWDA-B1045-SS-072508	SOLIDS	1	1		%SOL,ICP
588306	FWDA-B1045-SS-072508	UNPRES GL	1	1		EXPL
588307	FWDA-B1019-SS-072508	JAR GL	1	1		SOIL PREP/MIX
588307	FWDA-B1019-SS-072508	JAR GL	1	1		SOIL PREP/MIX
588307	FWDA-B1019-SS-072508	SOLIDS	1	1		%SOL,ICP
588307	FWDA-B1019-SS-072508	UNPRES GL	1	1		EXPL
588308	FWDA-B1024-SS-072808	JAR GL	1	1		SOIL PREP/MIX
588308	FWDA-B1024-SS-072808	JAR GL	1	1		SOIL PREP/MIX
588308	FWDA-B1024-SS-072808	SOLIDS	1	1		%SOL,ICP
588308	FWDA-B1024-SS-072808	UNPRES GL	1	1		EXPL
588309	FWDA-B1050-SS-072808	JAR GL	1	1		SOIL PREP/MIX

588309	FWDA-B1050-SS-072808	JAR GL	1	1	SOIL PREP/MIX
588309	FWDA-B1050-SS-072808	SOLIDS	1	1	%SOL,ICP
588309	FWDA-B1050-SS-072808	UNPRES GL	1	1	EXPL
588310	FWDA-B1050-SS-072808-DUP	JAR GL	1	1	SOIL PREP/MIX
588310	FWDA-B1050-SS-072808-DUP	JAR GL	1	1	SOIL PREP/MIX
588310	FWDA-B1050-SS-072808-DUP	SOLIDS	1	1	%SOL,ICP
588310	FWDA-B1050-SS-072808-DUP	UNPRES GL	1	1	EXPL
588311	FWDA-B1054-SS-072908	JAR GL	1	1	SOIL PREP/MIX
588311	FWDA-B1054-SS-072908	JAR GL	1	1	SOIL PREP/MIX
588311	FWDA-B1054-SS-072908	UNPRES GL	1	1	EXPL
588312	FWDA-B1017-DR-SS-072808	SOLIDS	1	1	%SOL,ICP
588312	FWDA-B1017-DR-SS-072808	UNPRES GL	1	1	EXPL
588313	FWDA-B1019-DL-SS-072808	SOLIDS	1	1	%SOL,ICP
588313	FWDA-B1019-DL-SS-072808	UNPRES GL	1	1	EXPL
588314	FWDA-B1050-DR-SS-072808	SOLIDS	1	1	%SOL,ICP
588314	FWDA-B1050-DR-SS-072808	UNPRES GL	1	1	EXPL
588315	FWDA-B1073-DR-SS-072508	SOLIDS	1	1	%SOL,ICP
588315	FWDA-B1073-DR-SS-072508	UNPRES GL	1	1	EXPL
588316	FWDA-B1045-DR-SS-072508	SOLIDS	1	1	%SOL,ICP
588316	FWDA-B1045-DR-SS-072508	UNPRES GL	1	1	EXPL
588317	FWDA-B1045-DL-SS-072508	SOLIDS	1	1	%SOL,ICP
588317	FWDA-B1045-DL-SS-072508	UNPRES GL	1	1	EXPL
588318	FWDA-B1017-DL-SS-072808	SOLIDS	1	1	%SOL,ICP
588318	FWDA-B1017-DL-SS-072808	UNPRES GL	1	1	EXPL
588319	FWDA-B1017-DR-SS-072808-DUP	SOLIDS	1	1	%SOL,ICP
588319	FWDA-B1017-DR-SS-072808-DUP	UNPRES GL	1	1	EXPL
588320	FWDA-B1024-DL-SS-072808	SOLIDS	1	1	%SOL,ICP
588320	FWDA-B1024-DL-SS-072808	UNPRES GL	1	1	EXPL
588321	FWDA-B1019-DR-SS-072808	SOLIDS	1	1	%SOL,ICP
588321	FWDA-B1019-DR-SS-072808	UNPRES GL	1	1	EXPL
588322	FWDA-B1050-DL-SS-072808	SOLIDS	1	1	%SOL,ICP
588322	FWDA-B1050-DL-SS-072808	UNPRES GL	1	1	EXPL

588323	FWDA-B1024-DR-SS-072808	SOLIDS	1	1	%SOL,ICP
588323	FWDA-B1024-DR-SS-072808	UNPRES GL	1	1	EXPL
588324	FWDA-B1019-DL-SS-072808	SOLIDS	1	1	%SOL,ICP
588324	FWDA-B1019-DL-SS-072808	UNPRES GL	1	1	EXPL
588325	FWDA-B1073-DL-SS-072508	SOLIDS	1	1	%SOL,ICP
588325	FWDA-B1073-DL-SS-072508	UNPRES GL	1	1	EXPL
588326	FWDA-B1054-DR-SS-072908	SOLIDS	1	1	%SOL,ICP
588326	FWDA-B1054-DR-SS-072908	UNPRES GL	1	1	EXPL
588327	FWDA-B1054-DL-SS-072908	SOLIDS	1	1	%SOL,ICP
588327	FWDA-B1054-DL-SS-072908	UNPRES GL	1	1	EXPL
588328	FWDA-B1054-DR-SS-072908-DUP	SOLIDS	1	1	%SOL,ICP
588328	FWDA-B1054-DR-SS-072908-DUP	UNPRES GL	1	1	EXPL
588329	FWDA-T04-SS-073008	JAR GL	1	1	SOIL PREP/MIX
588329	FWDA-T04-SS-073008	SOLIDS	1	1	%SOL
588329	FWDA-T04-SS-073008	UNPRES GL	1	1	PCB
588330	FWDA-T03-SS-073008	JAR GL	1	1	SOIL PREP/MIX
588330	FWDA-T03-SS-073008	SOLIDS	1	1	%SOL
588330	FWDA-T03-SS-073008	UNPRES GL	1	1	PCB
588331	FWDA-T02-SS-073008	JAR GL	1	1	SOIL PREP/MIX
588331	FWDA-T02-SS-073008	SOLIDS	1	1	%SOL
588331	FWDA-T02-SS-073008	UNPRES GL	1	1	PCB
588332	FWDA-T02-SS-073008-DUP	JAR GL	1	1	SOIL PREP/MIX
588332	FWDA-T02-SS-073008-DUP	SOLIDS	1	1	%SOL
588332	FWDA-T02-SS-073008-DUP	UNPRES GL	1	1	PCB
588333	FWDA-AOC79-01-SS-072908	JAR GL	1	1	SOIL PREP/MIX
588333	FWDA-AOC79-01-SS-072908	JAR GL	1	1	SOIL PREP/MIX
588333	FWDA-AOC79-01-SS-072908	SOLIDS	1	1	%SOL,ICP
588333	FWDA-AOC79-01-SS-072908	UNPRES GL	1	1	EXPL
588334	FWDA-AOC79-02-SS-072908	JAR GL	1	1	SOIL PREP/MIX
588334	FWDA-AOC79-02-SS-072908	SOLIDS	1	1	%SOL,ICP
588334	FWDA-AOC79-02-SS-072908	UNPRES GL	1	1	EXPL

Conition Code	*Condition Description*
1	Sample Received OK

#7

Rev. 3/2006

Chain of Custody

Page 1 of 1

Company: CH2M Hill
Project Contact: ~~Ft. Wingate~~ Jeff Johnston
Telephone: 505 884 5600
Project Name: Ft. Wingate
Project Number: 377145.FW.04.FW
Project Location: Ft Wingate
Sampled By: J. Waldron

Regulatory Program:
UST RCRA ~~SDWA~~ NPDES
~~Solid Waste~~ Other _____

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913

Turnaround Time
(Normal) RUSH*
Date Needed _____

*Notify Lab prior to sending in R samples. Surcharges: 24 hr 200% 2-3 days 100% 4-9 day subject to change without notice.

Folder #: 68139
Company: CH2M HILL
Project: FT WINGATE
Logged By: JLS PM: ET

Mail Report To:
Company: CH2M HILL
Address: 4041 Jefferson Plaza
City/State/Zip: ABQ / NM / 87109

Invoice To:
Company:
Address: Same as above
City/State/Zip:

PO No.

Client Special Instructions:

See Contract

Landfill License Number:

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	8330 B	Lead	8330						Total # of Containers	Preservation*	Lab ID #
7-25-08	0845	Comp	FWDA-B1073-SS-072508		S	X	X							2	A	588304
7-28-08	0914	Comp	FWDA-B1017-SS-072508		S	X	X							2	A	305
7-25-08	1052	Comp	FWDA-B1045-SS-072508		S	X	X							2	A	306
7-28-08	1048	Comp	FWDA-B1019-SS-072808		S	X	X							2	A	307

Fill in Spaces with Bottles per Test

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	07-30-08		
Received by:	Date/Time	Received for Laboratory by:	Date/Time
		[signature]	7/31/08 1300

Ice Present (Yes) No
Temperature 6.6°
Cooler # 3270

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

8

Rev. 3/2006

Chain of Custody

Page 1 of 1

Company: CH2M HILL
Project Contact: Jeff Johnston
Telephone: 505. 884. 5600
Project Name: Ft Wingate
Project Number: 377145.FW.04.FW
Project Location: Ft Wingate
Sampled By: J. Waldron

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
Normal RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Lab Use Only
Place Header Sticker Here:
68139

Mail Report To:
Company: CH2M HILL
Address: 4041 Jefferson Plaza
City/State/Zip: ABQ, NM 87109

Invoice To:
Company: Same as above
Address:
City/State/Zip:

PO No.

Client Special Instructions:

See Contract

Landfill License Number:

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	8330B	Lead 8330						Total # of Containers	Preservation*	Lab ID #
						Fill in Spaces with Bottles per Test									
07-28-08	1406	Comp	FWDA-B1024-SS-072808-MS/MSD		S	X	X						2	A	308
07-28-08	1630	Comp	FWDA-B1050-SS-072808		S	X	X						2	A	309
07-28-08	1630	Comp	FWDA-B1050-SS-072808-Dup		S	X	X						2	A	310
07-29-08	1053	Comp	FWDA-B1054-SS-072908		S	X	X						2	A	311

*** Preservation Code**
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	1218 7-30-08		
Received by:	**Date/Time**	**Received for Laboratory by:**	**Date/Time**
		[signature]	7/31/08 1300

Ice Present Yes No
Temperature 3.8°
Cooler # 3331

****Matrix**
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

#9

Rev. 3/2006

Chain of Custody

Company: CH2M HILL
Project Contact: Jeff Johnston
Telephone: 505.884.5600
Project Name: Ft Wingate
Project Number: 377145.FW.04.FW
Project Location: Ft Wingate
Sampled By: J. Waldron

Regulatory Program:
UST RCRA ~~SDWA~~ NPDES
~~Solid Waste~~ Other _____

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
(Normal) RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Lab Use Only
Place Header Sticker Here:

68139

Mail Report To:
Company: CH2M HILL
Address: 4041 Jefferson Plaza
City/State/Zip: ABQ, NM, 87109

Invoice To:
Company:
Address: Same as above
City/State/Zip:

PO No.

Client Special Instructions:

See Contract

Landfill License Number:

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	8330B	Lead	8330						Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
7-28-08	0821	Grab	FWDA-B1017-DR-SS-072808		S		X(PL)	X(GL)						2	A	58312
7-28-08	0955	Grab	FWDA-B1019-DL-SS-072808-~~Rep~~ MS/MSD DT		S		X(PL)	X(GL)						2	A	313
7-28-08	1555	Grab	FWDA-B1050-DR-SS-072808		S		X(PL)	X(GL)						2	A	314
7-25-08	0750	Grab	FWDA-B1073-DR-SS-072508		S		X(PL)	X(GL)						2	A	315
7-25-08	1012	Grab	FWDA-B1045-DR-SS-072508		S		X(PL)	X(GL)						2	A	316
7-25-08	1020	Grab	FWDA-B1045-DL-SS-072508		S		X(PL)	X(GL)						2	A	317
7-28-08	0814	Grab	FWDA-B1017-DL-SS-072808		S		X(PL)	X(GL)						2	A	318
7-28-08	0821	Grab	FWDA-B1017-DR-SS-072808-Dup		S		X(PL)	X(GL)						2	A	319
7-28-08	1123	Grab	FWDA-B1024-DL-SS-072808		S		X(PL)	X(GL)						2	A	320
7-28-08	1004	Grab	FWDA-B1019-DR-SS-072808		S		X(PL)	X(GL)						2	A	321
7-28-08	1550	Grab	FWDA-B1050-DL-SS-072808		S		X(PL)	X(GL)						2	A	322
7-28-08	1110	Grab	FWDA-B1024-DR-SS-072808		S		X(PL)	X(GL)						2	A	323
07-28-08	0940	Grab	FWDA-B1019-DL-SS-072808		S		X(PL)	X(GL)						2	A	324

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	1217 7-30-08		
Received by:	Date/Time	Received for Laboratory by:	Date/Time
		[signature]	7/31/08 1300

Ice Present (Yes) No
Temperature 6.0°
Cooler # 36021

**Matrix
S-Soil A-Air SI-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

#10

Rev. 3/2006

Chain of Custody

Company: CH2M HILL
Project Contact: Jeff Johnston
Telephone: 505.884.5600
Project Name: Ft Wingate
Project Number: 377145.FW.04.FW
Project Location: Ft Wingate
Sampled By: J. Waldron

Regulatory Program:
UST RCRA SDWA NPDES
Solid Waste Other _____

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Turnaround Time
Normal RUSH*
Date Needed _____

*Notify Lab prior to sending in RUSH samples. Surcharges:
24 hr 200% 2-3 days 100% 4-9 days 50%, subject to change without notice.

Lab Use Only
Place Header Sticker Here:
68139

Mail Report To:
Company: CH2M HILL
Address: 4041 Jefferson Plaza
City/State/Zip: ABQ, NM, 87109

Invoice To:
Company:
Address: Same as above.
City/State/Zip:

PO No.

Client Special Instructions:

See Contract

Landfill License Number:

ANALYSES REQUESTED

Collection Date	Collection Time	Grab/ Comp	Sample ID Description	Filtered? Y/N	**Matrix:	Lead	8330	PCB	8330B					Total # of Containers	Preservation*	Lab ID #
				Fill in Spaces with Bottles per Test												
07-25-08	0800	Grab	FWDA-B1073-DL-SS-072508		S	X(PL)	X(GL)							2	A	588325
07-29-08	1021	Grab	FWDA-B1054-DR-SS-072908		S	X(PL)	X(GL)							2	A	326
07-29-08	1012	Grab	FWDA-B1054-DL-SS-072908		S	X(PL)	X(GL)							2	A	327
07-29-08	1021	Grab	FWDA-B1054-DR-SS-072908-Dup		S	X(PL)	X(GL)							2	A	328
07-30-08	0802	Comp	FWDA-T04-SS-073008		S			X						1	A	329
07-30-08	0837	Comp	FWDA-T03-SS-073008		S			X						1	A	330
07-30-08	0854	Comp	FWDA-T02-SS-073008		S			X						1	A	331
07-30-08	0854	Comp	FWDA-T02-SS-073008-Dup		S			X						1	A	332
07-29-08	1508	Comp	FWDA-AOC79-01-SS-072908		S	X			X					2	A	333
07-29-08	1531	Comp	FWDA-AOC79-02-SS-072908		S	X			X					2	A	334

* Preservation Code
A=None B=HCL
C=H2SO4 D=HNO3
E=Encore F=Methanol
G=NaOH
O=Other _____

Relinquished By:	Date/Time	Relinquished By:	Date/Time
[signature]	7-30-08 1218		
Received by:	Date/Time	Received for Laboratory by:	Date/Time

Ice Present Yes No
Temperature 2.8°
Cooler # 3378

**Matrix
S-Soil A-Air Sl-Sludge M-Misc Waste
GW-Groundwater SW-Surface Water
WW-Wastewater DW-Drinking Water

FedEx Express **US Airbill**

FedEx Tracking Number 8665 6045 1636

Recipient's Copy

1 From

Date 7/

Sender's Name

Phone

Company

Address

Dept./Floor/Suite/Room

City State ZIP

2 Your Internal Billing Reference

3 To

Recipient's Name

Phone

Company

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City State ZIP

8665 6045 1636

4a Express Package Service *Packages up to 150 lbs.*

- [ ] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation:

** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday** at FedEx Location — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday** at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [ ] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain Recip. Acct. No. [ ]

Total Packages ____ Total Weight ____ Total Declared Value† $ ____ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

Credit Card Auth.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [x] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

520

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CUSTODY SEAL

DATE 4-30-08

SIGNATURE

QEC Quality Environmental Containers

800-255-3950 • 304-255-3900

Cooler #3378

2.80

FedEx Express **US Airbill**

FedEx Tracking Number 8665 6045 1614

Recipient's Copy

From

Date

Sender's Name — Phone

Company CHZM HILL

Address 4241 [illegible]

Dept./Floor/Suite/Room

City [illegible] State ZIP

Your Internal Billing Reference

To

Recipient's Name CT Laboratories — Phone

Company CT Laboratories

Recipient's Address 1230 Lange Court

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City Baraboo State WI ZIP 53913

8665 6045 1614

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation:

** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [ ] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check
- [ ] Obtain Recip. Acct. No.

Total Packages	Total Weight	Total Declared Value†
		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

Credit Card Auth.

8 Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.

- [x] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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CUSTODY SEAL

DATE 7-30-08

SIGNATURE [signature]

QEC

Quality Environmental Containers

800-255-3950 • 304-255-3900

Cooler # 3621

6.0°

FedEx Express **US Airbill**

FedEx Tracking Number 8665 6045 1658

Recipient's Copy

From

Date 7/30/08

Sender's Name

Phone

Company HILL

Address NE

Dept./Floor/Suite/Room

City

State NH ZIP

Your Internal Billing Reference

To

Recipient's Name

Phone

Company

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City

State

ZIP

8665 6045 1658

4a Express Package Service — *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation:

** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] **HOLD Weekday** at FedEx Location — Not available for FedEx First Overnight.
- [ ] **HOLD Saturday** at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [ ] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check
- [ ] Obtain Recip. Acct. No.

Total Packages	Total Weight	Total Declared Value†
		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

Credit Card Auth.

8 Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.

- [x] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

520

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CUSTODY SEAL

DATE 7-30-08

SIGNATURE

QEC Quality Environmental Containers

800-255-3950 • 304-255-3900

Cooler # 3331

3.8°

FedEx Express — *US Airbill*

FedEx Tracking Number 8665 6045 1625

Recipient's Copy

n

7/30/98

ler's
ne — Phone

pany

ress — Dept./Floor/Suite/Room

State NM ZIP

r Internal Billing Reference

pient's
ne — Phone

pany

pient's
ress — Dept./Floor/Suite/Room

annot deliver to P.O. boxes or P.O. ZIP codes.

ress

quest a package be held at a specific FedEx location, print FedEx address here.

State ZIP

8665 6045 1625

4a Express Package Service — *Packages up to 150 lbs.*

- ☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- ☐ FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- ☐ FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

- ☐ FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation:

** To most locations.

5 Packaging

- ☐ FedEx Envelope*
- ☐ FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- ☐ FedEx Box
- ☐ FedEx Tube
- ☐ Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- ☐ **SATURDAY Delivery** — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- ☐ **HOLD Weekday at FedEx Location** — Not available for FedEx First Overnight.
- ☐ **HOLD Saturday at FedEx Location** — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- ☐ No
- ☐ Yes — As per attached Shipper's Declaration.
- ☐ Yes — Shipper's Declaration not required.
- ☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- ☐ Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- ☐ Sender — Acct. No. in Section 1 will be billed.
- ☐ Recipient
- ☐ Third Party
- ☐ Credit Card
- ☐ Cash/Check
- Obtain Recip. Acct. No. ☐

Total Packages	Total Weight	Total Declared Value†
		$ .00

†Our liability is limited to $100 unless you declare a higher value. See back for details.

Credit Card Auth.

8 Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.

- ☐ No Signature Required — Package may be left without obtaining a signature for delivery.
- ☐ Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- ☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

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fedex.com 1.800.GoFedEx 1.800.463.3339

CUSTODY SEAL

DATE 7-30-98

SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

Cooler #3270

6.6°

PM LOGIN CONFIRMATION

Company: CH2M HILL **Cont#** 2175 **Project:** FT WINGATE **Proj #:** 377145.FW.04.SC

PO Number: 928787rev1 **Invoice:** 68,137 **Project Manager:** ETK

Folder #: 68139 **Date Recieved:** 07/31/08 **Log Date:** 7/31/2008 **Dispostion Date:** 4/22/2010

Report To: JEFFREY JOHNSTON
4041 JEFFERSON PLAZA NE
SUITE 200
ALBUQUERQUE, NM 87109
Phone: 505-855-5231: **Fax:** 505-883-7507
Rep. E-Mail jeffery.johnston@ch2m.com

CC: trudy.scott@ch2m.com

Invoice To :ACCOUNTS PAYABLE
PO BOX 241329
DENVER, CO 80224
Phone: **Fax:**
EMail:

CC: CH2M CONTACT-JEFFREY JOHNSON

Price Per Sample:

Collected By: J WALDRON **Collector's Phone:** 505-855-5231
A rrival Temperature: 6.6

Notes to Client:

SAMPLE #: 588,304 **DESCR:** FWDA-B1073-SS-072508 **MATRIX:** SOIL **SAMPLED:** 7/25/2008 **Time:** 0845 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/1/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/21/2009	8/12/2008		NeedPrep
		Lead						
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

SAMPLE #: 588,305 **DESCR:** FWDA-B1017-SS-072508 **MATRIX:** SOIL **SAMPLED:** 7/25/2008 **Time:** 0914 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/1/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/21/2009	8/12/2008		NeedPrep
		Lead						
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

SAMPLE #: 588,306 **DESCR:** FWDA-B1045-SS-072508 **MATRIX:** SOIL **SAMPLED:** 7/25/2008 **Time:** 1052 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/1/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/21/2009	8/12/2008		NeedPrep
		Lead						
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

Company: CH2M HILL **Cont#** 2175 **Project:** FT WINGATE **Proj #:** 377145.FW.04.SC

PO Number: 928787rev1 **Invoice:** 68,137 **Project Manager:** ETK

Folder #: 68139 **Date Recieved:** 07/31/08 **Log Date:** 7/31/2008 **Dispostion Date:** 4/22/2010

SAMPLE #: 588,307 **DESCR:** FWDA-B1019-SS-072508 **MATRIX:** SOIL **SAMPLED:** 7/25/2008 **Time:** 1048 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/1/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/21/2009	8/12/2008		NeedPrep
	Lead							
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

SAMPLE #: 588,308 **DESCR:** FWDA-B1024-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 1406 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
	Lead							
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

SAMPLE #: 588,309 **DESCR:** FWDA-B1050-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 1630 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
	Lead							
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

SAMPLE #: 588,310 **DESCR:** FWDA-B1050-SS-072808-DUP **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 1630 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
	Lead							
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

SAMPLE #: 588,311 **DESCR:** FWDA-B1054-SS-072908 **MATRIX:** SOIL **SAMPLED:** 7/29/2008 **Time:** 1053 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/5/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/25/2009	8/12/2008		NeedPrep
	Lead							
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

Company: CH2M HILL **Cont#** 2175 **Project:** FT WINGATE **Proj #:** 377145.FW.04.SC

PO Number: 928787rev1 **Invoice:** 68,137 **Project Manager:** ETK

Folder #: 68139 **Date Recieved:** 07/31/08 **Log Date:** 7/31/2008 **Dispostion Date:** 4/22/2010

SAMPLE #: 588,311 **DESCR:** FWDA-B1054-SS-072908 **MATRIX:** SOIL **SAMPLED:** 7/29/2008 **Time:** 1053 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

SAMPLE #: 588,312 **DESCR:** FWDA-B1017-DR-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 0821 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
	Lead							
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

SAMPLE #: 588,313 **DESCR:** FWDA-B1019-DL-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 0955 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
	Lead							
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

SAMPLE #: 588,314 **DESCR:** FWDA-B1050-DR-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 1555 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
	Lead							
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

SAMPLE #: 588,315 **DESCR:** FWDA-B1073-DR-SS-072508 **MATRIX:** SOIL **SAMPLED:** 7/25/2008 **Time:** 0750 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/1/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/21/2009	8/12/2008		NeedPrep
	Lead							
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

SAMPLE #: 588,316 **DESCR:** FWDA-B1045-DR-SS-072508 **MATRIX:** SOIL **SAMPLED:** 7/25/2008 **Time:** 1012 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/1/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/21/2009	8/12/2008		NeedPrep
	Lead							
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

Company: CH2M HILL **Cont#** 2175 **Project:** FT WINGATE **Proj #:** 377145.FW.04.SC

PO Number: 928787rev1 **Invoice:** 68,137 **Project Manager:** ETK

Folder #: 68139 **Date Recieved:** 07/31/08 **Log Date:** 7/31/2008 **Dispostion Date:** 4/22/2010

SAMPLE #: 588,317 **DESCR:** FWDA-B1045-DL-SS-072508 **MATRIX:** SOIL **SAMPLED:** 7/25/2008 **Time:** 1020 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
		Lead						
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

SAMPLE #: 588,318 **DESCR:** FWDA-B1017-DL-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 0814 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
		Lead						
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

SAMPLE #: 588,319 **DESCR:** FWDA-B1017-DR-SS-072808-D **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 0821 **CLIENT SAMPLE #:** FWDA-B1017-DR-SS-072808-DUP

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
		Lead						
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

SAMPLE #: 588,320 **DESCR:** FWDA-B1024-DL-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 1123 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
		Lead						
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

SAMPLE #: 588,321 **DESCR:** FWDA-B1019-DR-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 1004 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
		Lead						
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

SAMPLE #: 588,322 **DESCR:** FWDA-B1050-DL-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 1550 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep

Company: CH2M HILL **Cont#** 2175 **Project:** FT WINGATE **Proj #:** 377145.FW.04.SC

PO Number: 928787rev1 **Invoice:** 68,137 **Project Manager:** ETK

Folder #: 68139 **Date Recieved:** 07/31/08 **Log Date:** 7/31/2008 **Dispostion Date:** 4/22/2010

SAMPLE #: 588,322 **DESCR:** FWDA-B1050-DL-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 1550 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
906	8330B EXPLOSIVES QSM Lead					8/12/2008		NeedPrep

SAMPLE #: 588,323 **DESCR:** FWDA-B1024-DR-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 1110 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
906	8330B EXPLOSIVES QSM Lead					8/12/2008		NeedPrep

SAMPLE #: 588,324 **DESCR:** FWDA-B1019-DL-SS-072808 **MATRIX:** SOIL **SAMPLED:** 7/28/2008 **Time:** 0940 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/4/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/24/2009	8/12/2008		NeedPrep
906	8330B EXPLOSIVES QSM Lead					8/12/2008		NeedPrep

SAMPLE #: 588,325 **DESCR:** FWDA-B1073-DL-SS-072508 **MATRIX:** SOIL **SAMPLED:** 7/25/2008 **Time:** 0800 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/1/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/21/2009	8/12/2008		NeedPrep
906	8330B EXPLOSIVES QSM Lead					8/12/2008		NeedPrep

SAMPLE #: 588,326 **DESCR:** FWDA-B1054-DR-SS-072908 **MATRIX:** SOIL **SAMPLED:** 7/29/2008 **Time:** 1021 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/5/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/25/2009	8/12/2008		NeedPrep
906	8330B EXPLOSIVES QSM Lead					8/12/2008		NeedPrep

SAMPLE #: 588,327 **DESCR:** FWDA-B1054-DL-SS-072908 **MATRIX:** SOIL **SAMPLED:** 7/29/2008 **Time:** 1012 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/5/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/25/2009	8/12/2008		NeedPrep
906	8330B EXPLOSIVES QSM Lead					8/12/2008		NeedPrep

Company: CH2M HILL **Cont#** 2175 **Project:** FT WINGATE **Proj #:** 377145.FW.04.SC

PO Number: 928787rev1 **Invoice:** 68,137 **Project Manager:** ETK

Folder #: 68139 **Date Recieved:** 07/31/08 **Log Date:** 7/31/2008 **Dispostion Date:** 4/22/2010

SAMPLE #: 588,328 **DESCR:** FWDA-B1054-DR-SS-072908-D **MATRIX:** SOIL **SAMPLED:** 7/29/2008 **Time:** 1021 **CLIENT SAMPLE #:** FWDA-B1054-DR-SS-072908-DUP

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/5/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/25/2009	8/12/2008		NeedPrep
		Lead						
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep

SAMPLE #: 588,329 **DESCR:** FWDA-T04-SS-073008 **MATRIX:** SOIL **SAMPLED:** 7/30/2008 **Time:** 0802 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/6/2008	8/12/2008		Logged
818	PCB LCG LOD					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

SAMPLE #: 588,330 **DESCR:** FWDA-T03-SS-073008 **MATRIX:** SOIL **SAMPLED:** 7/30/2008 **Time:** 0837 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/6/2008	8/12/2008		Logged
818	PCB LCG LOD					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

SAMPLE #: 588,331 **DESCR:** FWDA-T02-SS-073008 **MATRIX:** SOIL **SAMPLED:** 7/30/2008 **Time:** 0854 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/6/2008	8/12/2008		Logged
818	PCB LCG LOD					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

SAMPLE #: 588,332 **DESCR:** FWDA-T02-SS-073008-DUP **MATRIX:** SOIL **SAMPLED:** 7/30/2008 **Time:** 0854 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/6/2008	8/12/2008		Logged
818	PCB LCG LOD					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

SAMPLE #: 588,333 **DESCR:** FWDA-AOC79-01-SS-072908 **MATRIX:** SOIL **SAMPLED:** 7/29/2008 **Time:** 1508 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/5/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/25/2009	8/12/2008		NeedPrep
		Lead						
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

Company: CH2M HILL **Cont#** 2175 **Project:** FT WINGATE **Proj #:** 377145.FW.04.SC

PO Number: 928787rev1 **Invoice:** 68,137 **Project Manager:** ETK

Folder #: 68139 **Date Recieved:** 07/31/08 **Log Date:** 7/31/2008 **Dispostion Date:** 4/22/2010

SAMPLE #: 588,334 **DESCR:** FWDA-AOC79-02-SS-07290-8 **MATRIX:** SOIL **SAMPLED:** 7/29/2008 **Time:** 1531 **CLIENT SAMPLE #:**

TEST#	TEST	ANALYTE	TEST GROUP	SPECIAL	HOLD DATE	ANALYSIS DUE	RUSH	STATUS
8	SOLIDS,PERCENT				8/5/2008	8/12/2008		Logged
824	ICP METALS LCG LOD				1/25/2009	8/12/2008		NeedPrep
		Lead						
906	8330B EXPLOSIVES QSM					8/12/2008		NeedPrep
946	HOMOGEN/M.I. PREP					8/12/2008		Logged

Invoice Details

Invoice: 68137 **Amount:** $4,215.00

Item	Quantity	MATRIX	Surcharge	Unit Price
SOLIDS,PERCENT	31.00	SOIL		0.00
PCB LCG LOD	4.00	SOIL		75.00
ICP METALS LCG LOD Lead	27.00	SOIL		10.00
8330B EXPLOSIVES QSM	27.00	SOIL		135.00
HOMOGEN/M.I. PREP	14.00	SOIL		0.00

Bottle Information

Container	# Containers	Tests
JAR GL	168	SOIL PREP/MIX
SOLIDS	31	%SOL,ICP
UNPRES GL	31	EXPL

VersionCo	LabName	SDG	FieldID	NativeID	QAQCType	LRType	Matrix	LabSample	AnalysisM	Extraction	SampleDat	SampleTim	ReceiveDa	ExtractDat	ExtractTim	AnalysisDa	AnalysisTi	PercentSo	LabLotCtlN	CAS	ParamID	Analyte	Result	ExpectedV	Units	Dilution	MDL	RL	LabQualifi	Surrogate	Comments	ParValUnc	Recovery	LowerCont	UpperCon	Basis	ConcQual	MDLAdjus	RLAdjuste	Client_San	LeachMet	LeachDate	LeachTime	LeachLot	AnalysisLo	CalRefID
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	479-45-8	TETRYL	Tetryl	1.26	2	mg/kg	1			=	N			63	10	150	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-99-0	NBZME4	4-Nitrotolu	1.88	2	mg/kg	1			=	N			94	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-65-0	DNB13	1,3-Dinitro	1.96	2	mg/kg	1			=	N			98	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	88-72-2	NBZME2	2-Nitrotolu	1.99	2	mg/kg	1			=	N			100	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	528-29-0	DNBZ12	1,2-Dinitro	106	100	PERCENT	1			=	Y			106	81	117	W	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	121-82-4	RDX	RDX	2.02	2	mg/kg	1			=	N			101	70	135	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-35-4	TNB135	1,3,5-Trinit	2.03	2	mg/kg	1			=	N			102	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	118-96-7	TNT	2,4,6-Trinit	2.04	2	mg/kg	1			=	N			102	55	140	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-08-1	NBZME3	3-Nitrotolu	2.04	2	mg/kg	1			=	N			102	75	120	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	98-95-3	NO2BZ	Nitrobenze	2.06	2	mg/kg	1			=	N			103	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	606-20-2	DNT26	2,6-Dinitro	2.12	2	mg/kg	1			=	N			106	80	120	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	2691-41-0	HMX	HMX	2.18	2	mg/kg	1			=	N			109	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	35572-78-	A2DNT46	2-Amino-4	2.19	2	mg/kg	1			=	N			110	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	19406-51-	A4DNT26	4-Amino-2	2.2	2	mg/kg	1			=	N			110	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	121-14-2	DNT24	2,4-Dinitro	2.28	2	mg/kg	1			=	N			114	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	479-45-8	TETRYL	Tetryl	1.88	2	mg/kg	1			=	N			94	10	150	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	2691-41-0	HMX	HMX	1.9	2	mg/kg	1			=	N			95	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	35572-78-	A2DNT46	2-Amino-4	1.98	2	mg/kg	1			=	N			99	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	528-29-0	DNBZ12	1,2-Dinitro	109	100	PERCENT	1			=	Y			109	81	117	W	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	121-14-2	DNT24	2,4-Dinitro	2	2	mg/kg	1			=	N			100	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	99-35-4	TNB135	1,3,5-Trinit	2.05	2	mg/kg	1			=	N			102	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	98-95-3	NO2BZ	Nitrobenze	2.05	2	mg/kg	1			=	N			102	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	606-20-2	DNT26	2,6-Dinitro	2.07	2	mg/kg	1			=	N			104	80	120	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	121-82-4	RDX	RDX	2.08	2	mg/kg	1			=	N			104	70	135	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	99-65-0	DNB13	1,3-Dinitro	2.1	2	mg/kg	1			=	N			105	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	19406-51-	A4DNT26	4-Amino-2	2.12	2	mg/kg	1			=	N			106	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	99-99-0	NBZME4	4-Nitrotolu	2.13	2	mg/kg	1			=	N			106	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	99-08-1	NBZME3	3-Nitrotolu	2.15	2	mg/kg	1			=	N			108	75	120	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	88-72-2	NBZME2	2-Nitrotolu	2.16	2	mg/kg	1			=	N			108	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:16	100	26096	118-96-7	TNT	2,4,6-Trinit	2.23	2	mg/kg	1			=	N			112	55	140	D	=			588694	NONE				51774	
4.3	CTLabs	68139	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:54	100	26096	78-11-5	PETN	PETN	6.4	8	mg/kg	1			=	N			80	80	120	D	=			588697	NONE				51774	
4.3	CTLabs	68139	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:54	100	26096	55-63-0	NTG	Nitroglyce	7.38	8	mg/kg	1			=	N			92	80	120	D	=			588697	NONE				51774	
4.3	CTLabs	68139	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	1:54	100	26096	528-29-0	DNBZ12	1,2-Dinitro	81.5	100	PERCENT	1			=	Y			81.5	81	117	W	=			588697	NONE				51774	
4.3	CTLabs	68139	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	78-11-5	PETN	PETN	8.47	8	mg/kg	1			=	N			106	80	120	D	=			588705	NONE				51642	
4.3	CTLabs	68139	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	55-63-0	NTG	Nitroglyce	8.86	8	mg/kg	1			=	N			111	80	120	D	=			588705	NONE				51642	
4.3	CTLabs	68139	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	528-29-0	DNBZ12	1,2-Dinitro	98.8	100	PERCENT	1			=	Y			98.8	81	117	W	=			588705	NONE				51642	
4.3	CTLabs	68139	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	13:08	100	26111	12674-11-	PCB1016	Aroclor 10	465	500	ug/kg	1			=	N			93	53	143	W	=			589041	NONE				51733	
4.3	CTLabs	68139	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	13:08	100	26111	11096-82-	PCB1260	Aroclor 12	488	500	ug/kg	1			=	N			98	71	134	W	=			589041	NONE				51733	
4.3	CTLabs	68139	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	13:08	100	26111	877-09-8	XYL2456Cl	Tetrachlor	86.9	100	PERCENT	1			=	Y			86.9	50	150	W	=			589041	NONE				51733	
4.3	CTLabs	68139	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	13:08	100	26111	2051-24-3	CL10BZ2	Decachloro	98.4	100	PERCENT	1			=	Y			98.4	50	150	W	=			589041	NONE				51733	
4.3	CTLabs	68139	589190	589190	BS		Soil	589190	SW6010	SW3050	8/6/2008	0	8/6/2008	8/6/2008	9:30	8/7/2008	11:56	100	26118	7439-92-1	PB	Lead	25.3	25	mg/kg	1			=	N			101	80	120	W	=			589190	NONE				51727	
4.3	CTLabs	68139	589194	589194	BS		Soil	589194	SW6010	SW3050	8/6/2008	0	8/6/2008	8/6/2008	9:30	8/7/2008	15:12	100	26119	7439-92-1	PB	Lead	25.3	25	mg/kg	1			=	N			101	80	120	W	=			589194	NONE				51728	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	479-45-8	TETRYL	Tetryl	1.43	2	mg/kg	1			=	N			72	10	150	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	99-99-0	NBZME4	4-Nitrotolu	1.67	2	mg/kg	1			=	N			84	75	125	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	118-96-7	TNT	2,4,6-Trinit	1.78	2	mg/kg	1			=	N			89	55	140	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	35572-78-	A2DNT46	2-Amino-4	1.84	2	mg/kg	1			=	N			92	80	125	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	2691-41-0	HMX	HMX	1.88	2	mg/kg	1			=	N			94	75	125	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	98-95-3	NO2BZ	Nitrobenze	1.89	2	mg/kg	1			=	N			94	75	125	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	88-72-2	NBZME2	2-Nitrotolu	1.9	2	mg/kg	1			=	N			95	80	125	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	99-08-1	NBZME3	3-Nitrotolu	1.94	2	mg/kg	1			=	N			97	75	120	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	99-65-0	DNB13	1,3-Dinitro	1.94	2	mg/kg	1			=	N			97	80	125	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	121-82-4	RDX	RDX	1.95	2	mg/kg	1			=	N			98	70	135	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	99-35-4	TNB135	1,3,5-Trinit	1.95	2	mg/kg	1			=	N			98	75	125	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	121-14-2	DNT24	2,4-Dinitro	1.95	2	mg/kg	1			=	N			98	80	125	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	528-29-0	DNBZ12	1,2-Dinitro	103	100	PERCENT	1			=	Y			103	81	117	W	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	606-20-2	DNT26	2,6-Dinitro	2.01	2	mg/kg	1			=	N			100	80	120	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:53	100	26139	19406-51-	A4DNT26	4-Amino-2	2.14	2	mg/kg	1			=	N			107	80	125	D	=			590003	NONE				51837	
4.3	CTLabs	68139	590006	590006	BS		Soil	590006	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	12:30	100	26139	78-11-5	PETN	PETN	6.78	8	mg/kg	1			=	N			85	80	120	D	=			590006	NONE				51837	
4.3	CTLabs	68139	590006	590006	BS		Soil	590006	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	12:30	100	26139	55-63-0	NTG	Nitroglyce	7.56	8	mg/kg	1			=	N			94	80	120	D	=			590006	NONE				51837	
4.3	CTLabs	68139	590006	590006	BS		Soil	590006	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	12:30	100	26139	528-29-0	DNBZ12	1,2-Dinitro	85.7	100	PERCENT	1			=	Y			85.7	81	117	W	=			590006	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW6010	SW3050	########	8:21	########	8/6/2008	9:30	8/7/2008	14:32	85.8	26118	7439-92-1	PB	Lead	19.2		mg/kg	1	0.1115	0.3689	=	N						D	=	0.13	0.43	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.039	0.13	U	N						D	U	0.039	0.13	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.039	0.23	U	N						D	U	0.039	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.049	0.14	U	N						D	U	0.049	0.14	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.049	0.15	U	N						D	U	0.049	0.15	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.069	0.21	U	N						D	U	0.069	0.21	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.069	0.22	U	N						D	U	0.069	0.22	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.079	0.24	U	N						D	U	0.079	0.24	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.079	0.25	U	N						D	U	0.079	0.25	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.59	2	U	N						D	U	0.59	2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.79	2.6	U	N						D	U	0.79	2.6	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588319	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	5:54	100	26089	528-29-0	DNBZ12	1,2-Dinitro	96	100	PERCENT	1			=	Y			96	50	150	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW6010	SW3050	########	16:30	########	8/6/2008	9:30	8/7/2008	13:27	99.4	26118	7439-92-1	PB	Lead	6.5		mg/kg	1	0.1093	0.37	=	N						D	=	0.11	0.37	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588310	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	20:37	100	26139	528-29-0	DNBZ12	1,2-Dinitro	84	100	PERCENT	1			=	Y			84	50	150	W	=			FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW6010	SW3050	########	10:21	########	8/6/2008	9:30	8/7/2008	16:28	94.9	26119	7439-92-1	PB	Lead	36.9		mg/kg	1	0.1139	0.3701	=	N						D	=	0.12	0.39	FWDA-B10	NONE				51728	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	FD		Soil	588328	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	12:28	100	26139	528-29-0	DNBZ12	1,2-Dinitro	90	100	PERCENT	1			=	Y			90	50	150	W	=			FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	FD		Soil	588332	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	14:23	99.5	26111	11096-82-	PCB1260	Aroclor 12	38		ug/kg	1	11.94	37.81	UV	N						D	U	12	38	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	FD		Soil	588332	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	14:23	99.5	26111	12672-29-	PCB1248	Aroclor 12	58		ug/kg	1	17.91	57.71	UV	N						D	U	18	58	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	FD		Soil	588332	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	14:23	99.5	26111	12674-11-	PCB1016	Aroclor 10	62		ug/kg	1	17.91	61.69	UV	N						D	U	18	62	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	FD		Soil	588332	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	14:23	99.5	26111	53469-21-	PCB1242	Aroclor 12	68		ug/kg	1	19.9	67.66	UV	N						D	U	20	68	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	FD		Soil	588332	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	14:23	99.5	26111	11104-28-	PCB1221	Aroclor 12	82		ug/kg	1	23.88	81.59	UV	N						D	U	24	82	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	FD		Soil	588332	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	14:23	99.5	26111	11141-16-	PCB1232	Aroclor 12	94		ug/kg	1	27.86	93.53	UV	N						D	U	28	94	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	FD		Soil	588332	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	14:23	99.5	26111	11097-69-	PCB1254	Aroclor 12	20		ug/kg	1	5.97	19.9	UV	N						D	U	6	20	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	FD		Soil	588332	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	14:23	99.5	26111	2051-24-3	CL10BZ2	Decachloro	54	100	PERCENT	1			#NAME?	Y			54	50	150	W	=			FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	FD		Soil	588332	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	14:23	99.5	26111	877-09-8	XYL2456Cl	Tetrachlor	64	100	PERCENT	1			#NAME?	Y			64	50	150	W	=			FWDA-T02	NONE				51733	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	19406-51-	A4DNT26	4-Amino-2	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N				-1	0.8	D	U	0.8		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-65-0	DNB13	1,3-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	121-14-2	DNT24	2,4-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	35572-78-	A2DNT46	2-Amino-4	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	606-20-2	DNT26	2,6-Dinitro	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	118-96-7	TNT	2,4,6-Trinit	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	55-63-0	NTG	Nitroglyce	0.6	0	mg/kg	1	0.6		U	N				-1	0.6	D	U	0.6		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	98-95-3	NO2BZ	Nitrobenze	0.096	0	mg/kg	1	0.05		#NAME?	N				-1	0.05	D	=	0.05		588650	NONE				51642	
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	528-29-0	DNBZ12	1,2-Dinitro	90.5	100	PERCENT	1			=	Y			90.5	81	117	W	=			588650	NONE				51642	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	99-65-0	DNB13	1,3-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	121-14-2	DNT24	2,4-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	88-72-2	NBZME2	2-Nitrotolu	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	98-95-3	NO2BZ	Nitrobenze	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	99-35-4	TNB135	1,3,5-Trinit	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	35572-78-	A2DNT46	2-Amino-4	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	606-20-2	DNT26	2,6-Dinitro	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	99-08-1	NBZME3	3-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	99-99-0	NBZME4	4-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	118-96-7	TNT	2,4,6-Trinit	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	19406-51-	A4DNT26	4-Amino-2	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	55-63-0	NTG	Nitroglyce	0.6	0	mg/kg	1	0.6		U	N				-1	0.6	D	U	0.6		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N				-1	0.8	D	U	0.8		588693	NONE				51774	
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	########	0:39	100	26096	528-29-0	DNBZ12	1,2-Dinitro	90.7	100	PERCENT	1			=	Y			90.7	81	117	W	=			588693	NONE				51774	
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	12:59	100	26111	53469-21-	PCB1242	Aroclor 12	10	0	ug/kg	1	10		U	N				-1	10	W	U	10		589040	NONE				51733	
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	12:59	100	26111	11104-28-	PCB1221	Aroclor 12	12	0	ug/kg	1	12		U	N				-1	12	W	U	12		589040	NONE				51733	
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	12:59	100	26111	11141-16-	PCB1232	Aroclor 12	14	0	ug/kg	1	14		U	N				-1	14	W	U	14		589040	NONE				51733	
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	12:59	100	26111	11097-69-	PCB1254	Aroclor 12	3	0	ug/kg	1	3		U	N				-1	3	W	U	3		589040	NONE				51733	
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	12:59	100	26111	11096-82-	PCB1260	Aroclor 12	6	0	ug/kg	1	6		U	N				-1	6	W	U	6		589040	NONE				51733	
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	12:59	100	26111	12674-11-	PCB1016	Aroclor 10	9	0	ug/kg	1	9		U	N				-1	9	W	U	9		589040	NONE				51733	
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	12:59	100	26111	12672-29-	PCB1248	Aroclor 12	9	0	ug/kg	1	9		U	N				-1	9	W	U	9		589040	NONE				51733	
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	12:59	100	26111	877-09-8	XYL2456Cl	Tetrachlor	78.3	100	PERCENT	1			=	Y			78.3	50	150	W	=			589040	NONE				51733	
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	########	12:59	100	26111	2051-24-3	CL10BZ2	Decachloro	93.4	100	PERCENT	1			=	Y			93.4	50	150	W	=			589040	NONE				51733	
4.3	CTLabs	68139	589189	589189	LB		Soil	589189	SW6010	SW3050	8/6/2008	0	8/6/2008	8/6/2008	9:30	8/7/2008	12:02	100	26118	7439-92-1	PB	Lead	0.005	0	mg/kg	1	0.11		U	N				-10	0.11	W	U	0.11		589189	NONE				51727	
4.3	CTLabs	68139	589193	589193	LB		Soil	589193	SW6010	SW3050	8/6/2008	0	8/6/2008	8/6/2008	9:30	8/7/2008	15:17	100	26119	7439-92-1	PB	Lead	0.11	0	mg/kg	1	0.11		U	N				-10	0.11	W	U	0.11		589193	NONE				51728	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	99-65-0	DNB13	1,3-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	121-14-2	DNT24	2,4-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	98-95-3	NO2BZ	Nitrobenze	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	35572-78-	A2DNT46	2-Amino-4	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	606-20-2	DNT26	2,6-Dinitro	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	118-96-7	TNT	2,4,6-Trinit	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	19406-51-	A4DNT26	4-Amino-2	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	55-63-0	NTG	Nitroglyce	0.6	0	mg/kg	1	0.6		U	N				-1	0.6	D	U	0.6		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N				-1	0.8	D	U	0.8		590002	NONE				51837	
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	########	11:15	100	26139	528-29-0	DNBZ12	1,2-Dinitro	99.1	100	PERCENT	1			=	Y			99.1	81	117	W	=			590002	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	LR	D	Soil	589196	SW6010	SW3050	########	9:55	8/6/2008	8/6/2008	9:30	8/7/2008	15:49	93.9	26119	7439-92-1	PB	Lead	23.7	21.3	mg/kg	1	0.117	0.394	=	N						D	=	0.117	0.394	FWDA-B10	NONE				51728	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	LR	D	Soil	589192	SW6010	SW3050	########	14:06	8/6/2008	8/6/2008	9:30	8/7/2008	13:00	99.4	26118	7439-92-1	PB	Lead	10.7	10.8	mg/kg	1	0.111	0.372	=	N						D	=	0.111	0.372	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	589195	SW6010	SW3050	########	9:55	8/6/2008	8/6/2008	9:30	8/7/2008	15:55	93.9	26119	7439-92-1	PB	Lead	57.8	47.9	mg/kg	1	0.117	0.394	=	N			137	75	125	D	=	0.117	0.394	FWDA-B10	NONE				51728	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	121-82-4	RDX	RDX	1.62	2.01	mg/kg	1	0.0602	0.181	=	N			81	70	135	D	=	0.0602	0.181	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	479-45-8	TETRYL	Tetryl	1.84	2.01	mg/kg	1	0.0702	0.231	=	N			92	10	150	D	=	0.0702	0.231	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	99-99-0	NBZME4	4-Nitrotolu	1.91	2.01	mg/kg	1	0.0702	0.231	=	N			95	80	125	D	=	0.0702	0.231	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	528-29-0	DNBZ12	1,2-Dinitro	113	100	PERCENT	1			=	Y			113	81	117	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	88-72-2	NBZME2	2-Nitrotolu	2.05	2.01	mg/kg	1	0.0502	0.14	=	N			102	80	125	D	=	0.0502	0.14	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	99-08-1	NBZME3	3-Nitrotolu	2.12	2.01	mg/kg	1	0.0702	0.221	=	N			105	75	120	D	=	0.0702	0.221	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	19406-51-	A4DNT26	4-Amino-2	2.14	2.01	mg/kg	1	0.0802	0.251	=	N			106	80	125	D	=	0.0802	0.251	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	606-20-2	DNT26	2,6-Dinitro	2.15	2.01	mg/kg	1	0.0602	0.201	=	N			107	80	120	D	=	0.0602	0.201	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	99-35-4	TNB135	1,3,5-Trinit	2.17	2.01	mg/kg	1	0.0602	0.201	=	N			108	75	125	D	=	0.0602	0.201	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	99-65-0	DNB13	1,3-Dinitro	2.19	2.01	mg/kg	1	0.0401	0.13	=	N			109	80	125	D	=	0.0401	0.13	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	118-96-7	TNT	2,4,6-Trinit	2.2	2.01	mg/kg	1	0.0802	0.241	=	N			109	55	140	D	=	0.0802	0.241	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	98-95-3	NO2BZ	Nitrobenze	2.21	2.01	mg/kg	1	0.0502	0.15	=	N			110	75	125	D	=	0.0502	0.15	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	35572-78-	A2DNT46	2-Amino-4	2.22	2.01	mg/kg	1	0.0602	0.181	=	N			110	80	125	D	=	0.0602	0.181	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	121-14-2	DNT24	2,4-Dinitro	2.27	2.01	mg/kg	1	0.0401	0.231	=	N			113	80	125	D	=	0.0401	0.231	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588653	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	2691-41-0	HMX	HMX	2.28	2.01	mg/kg	1	0.0702	0.211	=	N			113	75	125	D	=	0.0702	0.211	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588707	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:03	100	26089	78-11-5	PETN	PETN	8.61	8.08	mg/kg	1	0.808	2.63	=	N			107	80	125	D	=	0.808	2.63	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588707	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:03	100	26089	55-63-0	NTG	Nitroglyce	8.63	8.08	mg/kg	1	0.606	2.02	=	N			107	80	125	D	=	0.606	2.02	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	588707	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:03	100	26089	528-29-0	DNBZ12	1,2-Dinitro	92.6	100	PERCENT	1			=	Y			92.6	81	117	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	589191	SW6010	SW3050	########	14:06	8/6/2008	8/6/2008	9:30	8/7/2008	13:07	99.4	26118	7439-92-1	PB	Lead	31.4	36	mg/kg	1	0.111	0.372	=	N			82	75	125	D	=	0.111	0.372	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	479-45-8	TETRYL	Tetryl	1.6	2.02	mg/kg	1	0.0706	0.232	=	N			79	10	150	D	=	0.0706	0.232	FWDA-B10	NONE				51837	

4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	121-82-4	RDX	RDX	1.62	2.02	mg/kg	1	0.0605	0.181	=	N			80	70	135	D	=	0.0605	0.181	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	99-99-0	NBZME4	4-Nitrotolu	1.81	2.02	mg/kg	1	0.0706	0.232	=	N			90	80	125	D	=	0.0706	0.232	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	2691-41-0	HMX	HMX	1.85	2.02	mg/kg	1	0.0706	0.212	=	N			92	75	125	D	=	0.0706	0.212	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	35572-78-	A2DNT46	2-Amino-4	1.9	2.02	mg/kg	1	0.0605	0.181	=	N			94	80	125	D	=	0.0605	0.181	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	98-95-3	NO2BZ	Nitrobenze	1.91	2.02	mg/kg	1	0.0504	0.151	=	N			95	75	125	D	=	0.0504	0.151	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	99-65-0	DNB13	1,3-Dinitro	1.94	2.02	mg/kg	1	0.0403	0.131	=	N			96	80	125	D	=	0.0403	0.131	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	99-35-4	TNB135	1,3,5-Trinit	1.94	2.02	mg/kg	1	0.0605	0.202	=	N			96	75	125	D	=	0.0605	0.202	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	99-08-1	NBZME3	3-Nitrotolu	1.94	2.02	mg/kg	1	0.0706	0.222	=	N			96	75	120	D	=	0.0706	0.222	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	118-96-7	TNT	2,4,6-Trinit	1.94	2.02	mg/kg	1	0.0806	0.242	=	N			96	55	140	D	=	0.0806	0.242	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	121-14-2	DNT24	2,4-Dinitro	1.95	2.02	mg/kg	1	0.0403	0.232	=	N			97	80	125	D	=	0.0403	0.232	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	88-72-2	NBZME2	2-Nitrotolu	1.96	2.02	mg/kg	1	0.0504	0.141	=	N			97	80	125	D	=	0.0504	0.141	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	528-29-0	DNBZ12	1,2-Dinitro	103	100	PERCENT	1			=	Y			103	81	117	W	=			FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	606-20-2	DNT26	2,6-Dinitro	2.02	2.02	mg/kg	1	0.0605	0.202	=	N			100	80	120	D	=	0.0605	0.202	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590010	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	13:45	100	26139	19406-51-	A4DNT26	4-Amino-2	2.04	2.02	mg/kg	1	0.0806	0.252	=	N			101	80	125	D	=	0.0806	0.252	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590013	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	14:22	100	26139	78-11-5	PETN	PETN	6.58	7.94	mg/kg	1	0.794	2.62	=	N			83	80	125	D	=	0.794	2.62	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590013	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	14:22	100	26139	55-63-0	NTG	Nitroglyce	7.34	7.94	mg/kg	1	0.596	2.01	=	N			92	80	125	D	=	0.596	2.01	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	MS		Soil	590013	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	14:22	100	26139	528-29-0	DNBZ12	1,2-Dinitro	84.2	100	PERCENT	1			=	Y			84.2	81	117	W	=			FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW6010	SW3050	########	15:08	########	8/6/2008	9:30	8/7/2008	16:34	99	26119	7439-92-1	PB	Lead	5.3		mg/kg	1	0.1089	0.37	=	N						D	=	0.11	0.37	FWDA-AO(	NONE				51728
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.071	0.21	U	N						D	U	0.071	0.21	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.071	0.22	U	N						D	U	0.071	0.22	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.081	0.24	U	N						D	U	0.081	0.24	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.081	0.25	U	N						D	U	0.081	0.25	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.81	2.6	U	N						D	U	0.81	2.6	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588333	SW8330B	SW8330B	########	15:08	########	8/7/2008	20:00	########	9:23	100	26096	528-29-0	DNBZ12	1,2-Dinitro	101	100	PERCENT	1			=	Y			101	50	150	W	=			FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW6010	SW3050	########	15:31	########	8/6/2008	9:30	8/7/2008	16:53	97.9	26119	7439-92-1	PB	Lead	7.4		mg/kg	1	0.1077	0.372	=	N						D	=	0.11	0.38	FWDA-AO(	NONE				51728
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-AO(	FWDA-AO(	N		Soil	588334	SW8330B	SW8330B	########	15:31	########	8/7/2008	20:00	########	10:00	100	26096	528-29-0	DNBZ12	1,2-Dinitro	90	100	PERCENT	1			=	Y			90	50	150	W	=			FWDA-AO(	NONE				51774
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW6010	SW3050	########	8:14	########	8/6/2008	9:30	8/7/2008	14:26	92.2	26118	7439-92-1	PB	Lead	48.8		mg/kg	1	0.1106	0.3688	=	N						D	=	0.12	0.4	FWDA-B1(	NONE				51727
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	2691-41-0	HMX	HMX	0.08		mg/kg	1	0.07	0.21	J	N						D	J	0.07	0.21	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588318	SW8330B	SW8330B	########	8:14	########	8/3/2008	12:30	8/7/2008	5:16	100	26089	528-29-0	DNBZ12	1,2-Dinitro	88	100	PERCENT	1			=	Y			88	50	150	W	=			FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW6010	SW3050	########	8:21	########	8/6/2008	9:30	8/7/2008	13:40	85.2	26118	7439-92-1	PB	Lead	25.2		mg/kg	1	0.1108	0.3664	=	N						D	=	0.13	0.43	FWDA-B1(	NONE				51727
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588312	SW8330B	SW8330B	########	8:21	########	8/3/2008	12:30	8/7/2008	0:54	100	26089	528-29-0	DNBZ12	1,2-Dinitro	102	100	PERCENT	1			=	Y			102	50	150	W	=			FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW6010	SW3050	########	9:14	########	8/6/2008	9:30	8/7/2008	12:15	98.8	26118	7439-92-1	PB	Lead	13.9		mg/kg	1	0.1087	0.37	=	N						D	=	0.11	0.37	FWDA-B1(	NONE				51727
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588305	SW8330B	SW8330B	########	9:14	########	8/8/2008	15:45	########	18:07	100	26139	528-29-0	DNBZ12	1,2-Dinitro	87	100	PERCENT	1			=	Y			87	50	150	W	=			FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW6010	SW3050	########	9:40	########	8/6/2008	9:30	8/7/2008	15:36	93.9	26119	7439-92-1	PB	Lead	21.3		mg/kg	1	0.1127	0.3662	=	N						D	=	0.12	0.39	FWDA-B1(	NONE				51728
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.051	0.14	U	N						D	U	0.051	0.14	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.051	0.15	U	N						D	U	0.051	0.15	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.061	0.18	U	N						D	U	0.061	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.061	0.18	U	N						D	U	0.061	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.061	0.2	U	N						D	U	0.061	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.061	0.2	U	N						D	U	0.061	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.071	0.21	U	N						D	U	0.071	0.21	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.071	0.22	U	N						D	U	0.071	0.22	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.081	0.24	U	N						D	U	0.081	0.24	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.081	0.25	U	N						D	U	0.081	0.25	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.61	2	U	N						D	U	0.61	2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.81	2.6	U	N						D	U	0.81	2.6	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588313	SW8330B	SW8330B	########	9:40	########	8/3/2008	12:30	8/6/2008	16:48	100	26089	528-29-0	DNBZ12	1,2-Dinitro	103	100	PERCENT	1			=	Y			103	50	150	W	=			FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW6010	SW3050	########	10:04	########	8/6/2008	9:30	8/7/2008	14:45	91.6	26118	7439-92-1	PB	Lead	14.2		mg/kg	1	0.1099	0.3664	=	N						D	=	0.12	0.4	FWDA-B1(	NONE				51727
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.061	0.18	U	N						D	U	0.061	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.061	0.18	U	N						D	U	0.061	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.061	0.2	U	N						D	U	0.061	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.061	0.2	U	N						D	U	0.061	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.071	0.21	U	N						D	U	0.071	0.21	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.071	0.22	U	N						D	U	0.071	0.22	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.081	0.24	U	N						D	U	0.081	0.24	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.081	0.25	U	N						D	U	0.081	0.25	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.61	2	U	N						D	U	0.61	2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.81	2.6	U	N						D	U	0.81	2.6	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588321	SW8330B	SW8330B	########	10:04	########	8/3/2008	12:30	8/7/2008	7:09	100	26089	528-29-0	DNBZ12	1,2-Dinitro	101	100	PERCENT	1			=	Y			101	50	150	W	=			FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW6010	SW3050	########	10:48	########	8/6/2008	9:30	8/7/2008	12:28	98.6	26118	7439-92-1	PB	Lead	17		mg/kg	1	0.1085	0.3747	=	N						D	=	0.11	0.38	FWDA-B1(	NONE				51727
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588307	SW8330B	SW8330B	########	10:48	########	8/8/2008	15:45	########	19:22	100	26139	528-29-0	DNBZ12	1,2-Dinitro	87	100	PERCENT	1			=	Y			87	50	150	W	=			FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW6010	SW3050	########	11:23	########	8/6/2008	9:30	8/7/2008	14:39	94.9	26118	7439-92-1	PB	Lead	34.2		mg/kg	1	0.1139	0.3701	=	N						D	=	0.12	0.39	FWDA-B1(	NONE				51727
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.071	0.21	U	N						D	U	0.071	0.21	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.071	0.22	U	N						D	U	0.071	0.22	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.081	0.24	U	N						D	U	0.081	0.24	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.081	0.25	U	N						D	U	0.081	0.25	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.81	2.6	U	N						D	U	0.81	2.6	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588320	SW8330B	SW8330B	########	11:23	########	8/3/2008	12:30	8/7/2008	6:31	100	26089	528-29-0	DNBZ12	1,2-Dinitro	95	100	PERCENT	1			=	Y			95	50	150	W	=			FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW6010	SW3050	########	11:10	########	8/6/2008	9:30	8/7/2008	14:58	96.7	26118	7439-92-1	PB	Lead	13.7		mg/kg	1	0.1064	0.3675	=	N						D	=	0.11	0.38	FWDA-B1(	NONE				51727
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.071	0.21	U	N						D	U	0.071	0.21	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.071	0.22	U	N						D	U	0.071	0.22	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.081	0.24	U	N						D	U	0.081	0.24	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.081	0.25	U	N						D	U	0.081	0.25	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.81	2.6	U	N						D	U	0.81	2.6	FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588323	SW8330B	SW8330B	########	11:10	########	8/3/2008	12:30	8/7/2008	8:24	100	26089	528-29-0	DNBZ12	1,2-Dinitro	98	100	PERCENT	1			=	Y			98	50	150	W	=			FWDA-B1(	NONE				51642
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW6010	SW3050	########	14:06	########	8/6/2008	9:30	8/7/2008	12:35	99.4	26118	7439-92-1	PB	Lead	10.8		mg/kg	1	0.1093	0.37	=	N						D	=	0.11	0.37	FWDA-B1(	NONE				51727
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51837
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837

4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588308	SW8330B	SW8330B	########	14:06	########	8/8/2008	15:45	########	13:08	100	26139	528-29-0	DNBZ12	1,2-Dinitro	92	100	PERCENT	1			=	Y			92	50	150	W	=			FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW6010	SW3050	########	10:20	########	8/6/2008	9:30	8/7/2008	14:19	92.2	26118	7439-92-1	PB	Lead	48.8		mg/kg	1	0.1106	0.3688	=	N						D	=	0.12	0.4	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.079	0.24	U	N						D	U	0.079	0.24	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.079	0.25	U	N						D	U	0.079	0.25	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.79	2.6	U	N						D	U	0.79	2.6	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588317	SW8330B	SW8330B	########	10:20	########	8/3/2008	12:30	8/7/2008	4:39	100	26089	528-29-0	DNBZ12	1,2-Dinitro	92	100	PERCENT	1			=	Y			92	50	150	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW6010	SW3050	########	10:12	########	8/6/2008	9:30	8/7/2008	14:00	91.8	26118	7439-92-1	PB	Lead	21		mg/kg	1	0.1102	0.3672	=	N						D	=	0.12	0.4	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588316	SW8330B	SW8330B	########	10:12	########	8/3/2008	12:30	8/7/2008	2:47	100	26089	528-29-0	DNBZ12	1,2-Dinitro	90	100	PERCENT	1			=	Y			90	50	150	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW6010	SW3050	########	10:52	########	8/6/2008	9:30	8/7/2008	12:22	98.7	26118	7439-92-1	PB	Lead	17.2		mg/kg	1	0.1086	0.37	=	N						D	=	0.11	0.37	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.069	0.21	U	N						D	U	0.069	0.21	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.069	0.22	U	N						D	U	0.069	0.22	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.079	0.24	U	N						D	U	0.079	0.24	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.079	0.25	U	N						D	U	0.079	0.25	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.59	2	U	N						D	U	0.59	2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.79	2.6	U	N						D	U	0.79	2.6	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588306	SW8330B	SW8330B	########	10:52	########	8/8/2008	15:45	########	18:44	100	26139	528-29-0	DNBZ12	1,2-Dinitro	80	100	PERCENT	1			=	Y			80	50	150	W	=			FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW6010	SW3050	########	15:50	########	8/6/2008	9:30	8/7/2008	14:52	93.5	26118	7439-92-1	PB	Lead	64.2		mg/kg	1	0.1122	0.374	=	N						D	=	0.12	0.4	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588322	SW8330B	SW8330B	########	15:50	########	8/3/2008	12:30	8/7/2008	7:46	100	26089	528-29-0	DNBZ12	1,2-Dinitro	88	100	PERCENT	1			=	Y			88	50	150	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW6010	SW3050	########	15:55	########	8/6/2008	9:30	8/7/2008	13:46	94.5	26118	7439-92-1	PB	Lead	26.5		mg/kg	1	0.1134	0.3686	=	N						D	=	0.12	0.39	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588314	SW8330B	SW8330B	########	15:55	########	8/3/2008	12:30	8/7/2008	1:32	100	26089	528-29-0	DNBZ12	1,2-Dinitro	100	100	PERCENT	1			=	Y			100	50	150	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW6010	SW3050	########	16:30	########	8/6/2008	9:30	8/7/2008	13:20	99.4	26118	7439-92-1	PB	Lead	6.8		mg/kg	1	0.1093	0.37	=	N						D	=	0.11	0.37	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588309	SW8330B	SW8330B	########	16:30	########	8/8/2008	15:45	########	19:59	100	26139	528-29-0	DNBZ12	1,2-Dinitro	86	100	PERCENT	1			=	Y			86	50	150	W	=			FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW6010	SW3050	########	10:12	########	8/6/2008	9:30	8/7/2008	16:21	94.4	26119	7439-92-1	PB	Lead	87.4		mg/kg	1	0.1133	0.3682	=	N						D	=	0.12	0.39	FWDA-B10	NONE				51728	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.081	0.24	U	N						D	U	0.081	0.24	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.081	0.25	U	N						D	U	0.081	0.25	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.81	2.6	U	N						D	U	0.81	2.6	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588327	SW8330B	SW8330B	########	10:12	########	8/8/2008	15:45	########	11:51	100	26139	528-29-0	DNBZ12	1,2-Dinitro	84	100	PERCENT	1			=	Y			84	50	150	W	=			FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW6010	SW3050	########	10:21	########	8/6/2008	9:30	8/7/2008	16:15	94.4	26119	7439-92-1	PB	Lead	10.1		mg/kg	1	0.1133	0.3682	=	N						D	=	0.12	0.39	FWDA-B10	NONE				51728	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588326	SW8330B	SW8330B	########	10:21	########	8/8/2008	15:45	########	11:13	100	26139	528-29-0	DNBZ12	1,2-Dinitro	86	100	PERCENT	1			=	Y			86	50	150	W	=			FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW6010	SW3050	########	10:53	########	8/6/2008	9:30	8/7/2008	13:33	99	26118	7439-92-1	PB	Lead	5.8		mg/kg	1	0.1089	0.37	=	N						D	=	0.11	0.37	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588311	SW8330B	SW8330B	########	10:53	########	8/8/2008	15:45	########	21:14	100	26139	528-29-0	DNBZ12	1,2-Dinitro	84	100	PERCENT	1			=	Y			84	50	150	W	=			FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW6010	SW3050	########	8:00	########	8/6/2008	9:30	8/7/2008	16:08	89.5	26119	7439-92-1	PB	Lead	44.7		mg/kg	1	0.1074	0.367	=	N						D	=	0.12	0.41	FWDA-B10	NONE				51728	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588325	SW8330B	SW8330B	########	8:00	########	8/8/2008	15:45	########	10:36	100	26139	528-29-0	DNBZ12	1,2-Dinitro	84	100	PERCENT	1			=	Y			84	50	150	W	=			FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW6010	SW3050	########	7:50	########	8/6/2008	9:30	8/7/2008	13:53	91	26118	7439-92-1	PB	Lead	25		mg/kg	1	0.1092	0.3731	=	N						D	=	0.12	0.41	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	99-35-4	TNB135	1,3,5-Trinit	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.069	0.21	U	N						D	U	0.069	0.21	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.069	0.22	U	N						D	U	0.069	0.22	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	118-96-7	TNT	2,4,6-Trinit	0.24		mg/kg	1	0.079	0.24	U	N						D	U	0.079	0.24	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.079	0.25	U	N						D	U	0.079	0.25	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.59	2	U	N						D	U	0.59	2	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.79	2.6	U	N						D	U	0.79	2.6	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588315	SW8330B	SW8330B	########	7:50	########	8/3/2008	12:30	8/7/2008	2:09	100	26089	528-29-0	DNBZ12	1,2-Dinitro	99	100	PERCENT	1			=	Y			99	50	150	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW6010	SW3050	########	8:45	########	8/6/2008	9:30	8/7/2008	12:08	99.2	26118	7439-92-1	PB	Lead	37.8		mg/kg	1	0.1091	0.37	=	N						D	=	0.11	0.37	FWDA-B10	NONE				51727	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51837	

4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	N		Soil	588304	SW8330B	SW8330B	########	8:45	########	8/8/2008	15:45	########	17:30	100	26139	528-29-0	DNBZ12	1,2-Dinitro	85	100	PERCENT	1			=	Y			85	50	150	W	=			FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	10:28	99.6	26111	11096-82-	PCB1260	Aroclor 12	38		ug/kg	1	11.952	37.848	UV	N						D	U	12	38	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	10:28	99.6	26111	12672-29-	PCB1248	Aroclor 12	58		ug/kg	1	17.928	57.768	UV	N						D	U	18	58	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	10:28	99.6	26111	12674-11-	PCB1016	Aroclor 10	62		ug/kg	1	17.928	61.752	UV	N						D	U	18	62	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	10:28	99.6	26111	53469-21-	PCB1242	Aroclor 12	68		ug/kg	1	19.92	67.728	UV	N						D	U	20	68	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	10:28	99.6	26111	11104-28-	PCB1221	Aroclor 12	82		ug/kg	1	23.904	81.672	UV	N						D	U	24	82	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	10:28	99.6	26111	11141-16-	PCB1232	Aroclor 12	94		ug/kg	1	27.888	93.624	UV	N						D	U	28	94	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	10:28	99.6	26111	11097-69-	PCB1254	Aroclor 12	20		ug/kg	1	5.976	19.92	UV	N						D	U	6	20	FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	10:28	99.6	26111	2051-24-3	CL10BZ2	Decachlor	67	100	PERCENT	1			#NAME?	Y			67	50	150	W	=			FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	########	8:54	########	8/5/2008	10:00	########	10:28	99.6	26111	877-09-8	XYL2456Cl	Tetrachlor	80	100	PERCENT	1			#NAME?	Y			80	50	150	W	=			FWDA-T02	NONE				51733	
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	########	8:37	########	8/5/2008	10:00	########	14:04	98.3	26111	53469-21-	PCB1242	Aroclor 12	34		ug/kg	1	9.83	34	U	N						D	U	10	34	FWDA-T03	NONE				51733	
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	########	8:37	########	8/5/2008	10:00	########	14:04	98.3	26111	11104-28-	PCB1221	Aroclor 12	41		ug/kg	1	11.796	41	U	N						D	U	12	41	FWDA-T03	NONE				51733	
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	########	8:37	########	8/5/2008	10:00	########	14:04	98.3	26111	11141-16-	PCB1232	Aroclor 12	47		ug/kg	1	13.762	47	U	N						D	U	14	47	FWDA-T03	NONE				51733	
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	########	8:37	########	8/5/2008	10:00	########	14:04	98.3	26111	11097-69-	PCB1254	Aroclor 12	10		ug/kg	1	2.949	10	U	N						D	U	3	10	FWDA-T03	NONE				51733	
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	########	8:37	########	8/5/2008	10:00	########	14:04	98.3	26111	11096-82-	PCB1260	Aroclor 12	19		ug/kg	1	5.898	19	U	N						D	U	6	19	FWDA-T03	NONE				51733	
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	########	8:37	########	8/5/2008	10:00	########	14:04	98.3	26111	12672-29-	PCB1248	Aroclor 12	29		ug/kg	1	8.9453	29	U	N						D	U	9.1	29	FWDA-T03	NONE				51733	
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	########	8:37	########	8/5/2008	10:00	########	14:04	98.3	26111	12674-11-	PCB1016	Aroclor 10	31		ug/kg	1	8.9453	31	U	N						D	U	9.1	31	FWDA-T03	NONE				51733	
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	########	8:37	########	8/5/2008	10:00	########	14:04	98.3	26111	877-09-8	XYL2456Cl	Tetrachlor	85	100	PERCENT	1			=	Y			85	50	150	W	=			FWDA-T03	NONE				51733	
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	########	8:37	########	8/5/2008	10:00	########	14:04	98.3	26111	2051-24-3	CL10BZ2	Decachlor	93	100	PERCENT	1			=	Y			93	50	150	W	=			FWDA-T03	NONE				51733	
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	########	8:02	########	8/5/2008	10:00	########	13:55	97.1	26111	53469-21-	PCB1242	Aroclor 12	35		ug/kg	1	9.71	33.985	U	N						D	U	10	35	FWDA-T04	NONE				51733	
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	########	8:02	########	8/5/2008	10:00	########	13:55	97.1	26111	11104-28-	PCB1221	Aroclor 12	42		ug/kg	1	11.652	40.782	U	N						D	U	12	42	FWDA-T04	NONE				51733	
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	########	8:02	########	8/5/2008	10:00	########	13:55	97.1	26111	11141-16-	PCB1232	Aroclor 12	48		ug/kg	1	13.594	46.608	U	N						D	U	14	48	FWDA-T04	NONE				51733	
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	########	8:02	########	8/5/2008	10:00	########	13:55	97.1	26111	11097-69-	PCB1254	Aroclor 12	10		ug/kg	1	3.0101	10	U	N						D	U	3.1	10	FWDA-T04	NONE				51733	
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	########	8:02	########	8/5/2008	10:00	########	13:55	97.1	26111	11096-82-	PCB1260	Aroclor 12	20		ug/kg	1	6.0202	19.42	U	N						D	U	6.2	20	FWDA-T04	NONE				51733	
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	########	8:02	########	8/5/2008	10:00	########	13:55	97.1	26111	12672-29-	PCB1248	Aroclor 12	30		ug/kg	1	9.0303	29.13	U	N						D	U	9.3	30	FWDA-T04	NONE				51733	
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	########	8:02	########	8/5/2008	10:00	########	13:55	97.1	26111	12674-11-	PCB1016	Aroclor 10	32		ug/kg	1	9.0303	31.072	U	N						D	U	9.3	32	FWDA-T04	NONE				51733	
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	########	8:02	########	8/5/2008	10:00	########	13:55	97.1	26111	877-09-8	XYL2456Cl	Tetrachlor	84	100	PERCENT	1			=	Y			84	50	150	W	=			FWDA-T04	NONE				51733	
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	########	8:02	########	8/5/2008	10:00	########	13:55	97.1	26111	2051-24-3	CL10BZ2	Decachlor	94	100	PERCENT	1			=	Y			94	50	150	W	=			FWDA-T04	NONE				51733	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	121-82-4	RDX	RDX	1.66	1.99	mg/kg	1	0.0598	0.181	=	N			83	70	135	D	=	0.0598	0.181	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	479-45-8	TETRYL	Tetryl	1.79	1.99	mg/kg	1	0.0698	0.231	=	N			90	10	150	D	=	0.0698	0.231	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	99-99-0	NBZME4	4-Nitrotolu	1.96	1.99	mg/kg	1	0.0698	0.231	=	N			98	80	125	D	=	0.0698	0.231	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	99-08-1	NBZME3	3-Nitrotolu	1.98	1.99	mg/kg	1	0.0698	0.221	=	N			99	75	120	D	=	0.0698	0.221	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	528-29-0	DNBZ12	1,2-Dinitro	112	100	PERCENT	1			=	Y			112	81	117	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	19406-51-	A4DNT26	4-Amino-2	2.07	1.99	mg/kg	1	0.0798	0.251	=	N			104	80	125	D	=	0.0798	0.251	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	606-20-2	DNT26	2,6-Dinitro	2.09	1.99	mg/kg	1	0.0598	0.201	=	N			105	80	120	D	=	0.0598	0.201	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	88-72-2	NBZME2	2-Nitrotolu	2.1	1.99	mg/kg	1	0.0499	0.14	=	N			106	80	125	D	=	0.0499	0.14	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	99-65-0	DNB13	1,3-Dinitro	2.13	1.99	mg/kg	1	0.0399	0.13	=	N			107	80	125	D	=	0.0399	0.13	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	98-95-3	NO2BZ	Nitrobenze	2.15	1.99	mg/kg	1	0.0499	0.15	=	N			108	75	125	D	=	0.0499	0.15	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	99-35-4	TNB135	1,3,5-Trini	2.15	1.99	mg/kg	1	0.0598	0.201	=	N			108	75	125	D	=	0.0598	0.201	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	35572-78-	A2DNT46	2-Amino-4	2.17	1.99	mg/kg	1	0.0598	0.181	=	N			109	80	125	D	=	0.0598	0.181	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	118-96-7	TNT	2,4,6-Trini	2.18	1.99	mg/kg	1	0.0798	0.241	=	N			110	55	140	D	=	0.0798	0.241	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	121-14-2	DNT24	2,4-Dinitro	2.22	1.99	mg/kg	1	0.0399	0.231	=	N			112	80	125	D	=	0.0399	0.231	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588654	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	2691-41-0	HMX	HMX	2.25	1.99	mg/kg	1	0.0698	0.211	=	N			113	75	125	D	=	0.0698	0.211	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588708	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	19:18	100	26089	78-11-5	PETN	PETN	9.07	8.08	mg/kg	1	0.808	2.63	=	N			112	80	125	D	=	0.808	2.63	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588708	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	19:18	100	26089	55-63-0	NTG	Nitroglyce	9.2	8.08	mg/kg	1	0.606	2.02	=	N			114	80	125	D	=	0.606	2.02	FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	588708	SW8330B	SW8330B	########	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	19:18	100	26089	528-29-0	DNBZ12	1,2-Dinitro	97.5	100	PERCENT	1			=	Y			97.5	81	117	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	479-45-8	TETRYL	Tetryl	1.67	1.99	mg/kg	1	0.0695	0.232	=	N			84	10	150	D	=	0.0695	0.232	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	121-82-4	RDX	RDX	1.69	1.99	mg/kg	1	0.0596	0.181	=	N			85	70	135	D	=	0.0596	0.181	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	2691-41-0	HMX	HMX	1.8	1.99	mg/kg	1	0.0695	0.211	=	N			90	75	125	D	=	0.0695	0.211	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	88-72-2	NBZME2	2-Nitrotolu	1.86	1.99	mg/kg	1	0.0497	0.141	=	N			93	80	125	D	=	0.0497	0.141	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	99-35-4	TNB135	1,3,5-Trini	1.88	1.99	mg/kg	1	0.0596	0.201	=	N			94	75	125	D	=	0.0596	0.201	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	99-65-0	DNB13	1,3-Dinitro	1.9	1.99	mg/kg	1	0.0397	0.131	=	N			95	80	125	D	=	0.0397	0.131	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	98-95-3	NO2BZ	Nitrobenze	1.93	1.99	mg/kg	1	0.0497	0.151	=	N			97	75	125	D	=	0.0497	0.151	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	99-99-0	NBZME4	4-Nitrotolu	1.94	1.99	mg/kg	1	0.0695	0.232	=	N			97	80	125	D	=	0.0695	0.232	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	118-96-7	TNT	2,4,6-Trini	1.95	1.99	mg/kg	1	0.0794	0.242	=	N			98	55	140	D	=	0.0794	0.242	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	35572-78-	A2DNT46	2-Amino-4	1.98	1.99	mg/kg	1	0.0596	0.181	=	N			99	80	125	D	=	0.0596	0.181	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	528-29-0	DNBZ12	1,2-Dinitro	101	100	PERCENT	1			=	Y			101	81	117	W	=			FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	606-20-2	DNT26	2,6-Dinitro	2.03	1.99	mg/kg	1	0.0596	0.201	=	N			102	80	120	D	=	0.0596	0.201	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	121-14-2	DNT24	2,4-Dinitro	2.06	1.99	mg/kg	1	0.0397	0.232	=	N			104	80	125	D	=	0.0397	0.232	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	99-08-1	NBZME3	3-Nitrotolu	2.09	1.99	mg/kg	1	0.0695	0.222	=	N			105	75	120	D	=	0.0695	0.222	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590011	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:15	100	26139	19406-51-	A4DNT26	4-Amino-2	2.15	1.99	mg/kg	1	0.0794	0.252	=	N			108	80	125	D	=	0.0794	0.252	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590014	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:52	100	26139	78-11-5	PETN	PETN	7.82	7.98	mg/kg	1	0.798	2.61	=	N			98	80	125	D	=	0.798	2.61	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590014	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:52	100	26139	55-63-0	NTG	Nitroglyce	7.97	7.98	mg/kg	1	0.598	2.01	=	N			100	80	125	D	=	0.598	2.01	FWDA-B10	NONE				51837	
4.3	CTLabs	68139	FWDA-B10	FWDA-B10	SD		Soil	590014	SW8330B	SW8330B	########	14:06	8/8/2008	8/8/2008	15:45	########	16:52	100	26139	528-29-0	DNBZ12	1,2-Dinitro	89.2	100	PERCENT	1			=	Y			89.2	81	117	W	=			FWDA-B10	NONE				51837	

VersionCo	LabName	SDG	FieldID	NativeID	QAQCType	LRType	Matrix	LabSample	AnalysisM	Extraction	SampleDate	SampleTim	ReceiveDate	ExtractDat	ExtractTim	AnalysisDate	AnalysisTi	PercentSo	LabLotCtlN	CAS	ParamID	Analyte	Result	ExpectedV	Units	Dilution	MDL	RL	LabQualifi	Surrogate	Comments	ParValUnc	Recovery	LowerCon	UpperCon	Basis	ConcQual	MDLAdjus	RLAdjuste	Client_San	LeachMet	LeachDate	LeachTime	LeachLot	AnalysisLo	CalRefID
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	E160.3	NONE	7/29/2008	15:08	7/31/2008			8/5/2008	17:00	99		SOLID	SOLID	Total Solids	99		PERCENT	1	1		=	N						W	=	1		FWDA-AO	NONE				51680	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.071	0.21	U	N						D	U	0.071	0.21	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.071	0.22	U	N						D	U	0.071	0.22	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.081	0.24	U	N						D	U	0.081	0.24	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.081	0.25	U	N						D	U	0.081	0.25	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.81	2.6	U	N						D	U	0.81	2.6	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW8330B	SW8330B	7/29/2008	15:08	7/31/2008	8/7/2008	20:00	8/13/2008	9:23	100	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	101	100	PERCENT	1			=	Y			101	50	150	W	=			FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588333	SW6010	SW3050	7/29/2008	15:08	7/31/2008	8/6/2008	9:30	8/7/2008	16:34	99	26119	7439-92-1	PB	Lead	5.3		mg/kg	1	0.1089	0.37	=	N						D	=	0.11	0.37	FWDA-AO	NONE				51728	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	E160.3	NONE	7/29/2008	15:31	7/31/2008			8/5/2008	17:00	97.9		SOLID	SOLID	Total Solids	97.9		PERCENT	1	1		=	N						W	=	1		FWDA-AO	NONE				51680	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW8330B	SW8330B	7/29/2008	15:31	7/31/2008	8/7/2008	20:00	8/13/2008	10:00	100	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	90	100	PERCENT	1			=	Y			90	50	150	W	=			FWDA-AO	NONE				51774	
4.3	CTLabs	68139	FWDA-AO	FWDA-AO	N		Soil	588334	SW6010	SW3050	7/29/2008	15:31	7/31/2008	8/6/2008	9:30	8/7/2008	16:53	97.9	26119	7439-92-1	PB	Lead	7.4		mg/kg	1	0.1077	0.372	=	N						D	=	0.11	0.38	FWDA-AO	NONE				51728	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	E160.3	NONE	7/28/2008	8:14	7/31/2008			8/1/2008	16:00	92.2		SOLID	SOLID	Total Solids	92.2		PERCENT	1	1		=	N						W	=	1		FWDA-B1	NONE				51616	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	2691-41-0	HMX	HMX	0.08		mg/kg	1	0.07	0.21	J	N						D	J	0.07	0.21	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW8330B	SW8330B	7/28/2008	8:14	7/31/2008	8/3/2008	12:30	8/7/2008	5:16	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	88	100	PERCENT	1			=	Y			88	50	150	W	=			FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588318	SW6010	SW3050	7/28/2008	8:14	7/31/2008	8/6/2008	9:30	8/7/2008	14:26	92.2	26118	7439-92-1	PB	Lead	48.8		mg/kg	1	0.1106	0.3688	=	N						D	=	0.12	0.4	FWDA-B1	NONE				51727	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	E160.3	NONE	7/28/2008	8:21	7/31/2008			8/1/2008	16:00	85.2		SOLID	SOLID	Total Solids	85.2		PERCENT	1	1		=	N						W	=	1		FWDA-B1	NONE				51616	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	0:54	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	102	100	PERCENT	1			=	Y			102	50	150	W	=			FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588312	SW6010	SW3050	7/28/2008	8:21	7/31/2008	8/6/2008	9:30	8/7/2008	13:40	85.2	26118	7439-92-1	PB	Lead	25.2		mg/kg	1	0.1108	0.3664	=	N						D	=	0.13	0.43	FWDA-B1	NONE				51727	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	E160.3	NONE	7/28/2008	8:21	7/31/2008			8/1/2008	16:00	85.8		SOLID	SOLID	Total Solids	85.8		PERCENT	1	1		=	N						W	=	1		FWDA-B1	NONE				51616	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.039	0.13	U	N						D	U	0.039	0.13	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.039	0.23	U	N						D	U	0.039	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.049	0.14	U	N						D	U	0.049	0.14	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.049	0.15	U	N						D	U	0.049	0.15	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.069	0.21	U	N						D	U	0.069	0.21	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.069	0.22	U	N						D	U	0.069	0.22	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.079	0.24	U	N						D	U	0.079	0.24	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.079	0.25	U	N						D	U	0.079	0.25	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.59	2	U	N						D	U	0.59	2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.79	2.6	U	N						D	U	0.79	2.6	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW8330B	SW8330B	7/28/2008	8:21	7/31/2008	8/3/2008	12:30	8/7/2008	5:54	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	96	100	PERCENT	1			=	Y			96	50	150	W	=			FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588319	SW6010	SW3050	7/28/2008	8:21	7/31/2008	8/6/2008	9:30	8/7/2008	14:32	85.8	26118	7439-92-1	PB	Lead	19.2		mg/kg	1	0.1115	0.3689	=	N						D	=	0.13	0.43	FWDA-B1	NONE				51727	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	E160.3	NONE	7/25/2008	9:14	7/31/2008			8/5/2008	17:00	98.8		SOLID	SOLID	Total Solids	98.8		PERCENT	1	1		=	N						W	=	1		FWDA-B1	NONE				51680	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW8330B	SW8330B	7/25/2008	9:14	7/31/2008	8/8/2008	15:45	8/13/2008	18:07	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	87	100	PERCENT	1			=	Y			87	50	150	W	=			FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588305	SW6010	SW3050	7/25/2008	9:14	7/31/2008	8/6/2008	9:30	8/7/2008	12:15	98.8	26118	7439-92-1	PB	Lead	13.9		mg/kg	1	0.1087	0.37	=	N						D	=	0.11	0.37	FWDA-B1	NONE				51727	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	E160.3	NONE	7/28/2008	9:55	7/31/2008			8/1/2008	16:00	93.9		SOLID	SOLID	Total Solids	94.3		PERCENT	1	1		=	N						W	=	1		FWDA-B1	NONE				51616	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.051	0.14	U	N						D	U	0.051	0.14	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.051	0.15	U	N						D	U	0.051	0.15	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.061	0.18	U	N						D	U	0.061	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.061	0.18	U	N						D	U	0.061	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.061	0.2	U	N						D	U	0.061	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.061	0.2	U	N						D	U	0.061	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.071	0.21	U	N						D	U	0.071	0.21	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.071	0.22	U	N						D	U	0.071	0.22	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.081	0.24	U	N						D	U	0.081	0.24	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.081	0.25	U	N						D	U	0.081	0.25	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.61	2	U	N						D	U	0.61	2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.81	2.6	U	N						D	U	0.81	2.6	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW8330B	SW8330B	7/28/2008	9:55	7/31/2008	8/3/2008	12:30	8/6/2008	16:48	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	103	100	PERCENT	1			=	Y			103	50	150	W	=			FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588313	SW6010	SW3050	7/28/2008	9:55	7/31/2008	8/6/2008	9:30	8/7/2008	15:36	93.9	26119	7439-92-1	PB	Lead	21.3		mg/kg	1	0.1127	0.3662	=	N						D	=	0.12	0.39	FWDA-B1	NONE				51728	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	E160.3	NONE	7/28/2008	10:04	7/31/2008			8/1/2008	16:00	91.6		SOLID	SOLID	Total Solids	91.6		PERCENT	1	1		=	N						W	=	1		FWDA-B1	NONE				51616	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.061	0.18	U	N						D	U	0.061	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.061	0.18	U	N						D	U	0.061	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.061	0.2	U	N						D	U	0.061	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.061	0.2	U	N						D	U	0.061	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.071	0.21	U	N						D	U	0.071	0.21	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.071	0.22	U	N						D	U	0.071	0.22	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.081	0.24	U	N						D	U	0.081	0.24	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.081	0.25	U	N						D	U	0.081	0.25	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.61	2	U	N						D	U	0.61	2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.81	2.6	U	N						D	U	0.81	2.6	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW8330B	SW8330B	7/28/2008	10:04	7/31/2008	8/3/2008	12:30	8/7/2008	7:09	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	101	100	PERCENT	1			=	Y			101	50	150	W	=			FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588321	SW6010	SW3050	7/28/2008	10:04	7/31/2008	8/6/2008	9:30	8/7/2008	14:45	91.6	26118	7439-92-1	PB	Lead	14.2		mg/kg	1	0.1099	0.3664	=	N						D	=	0.12	0.4	FWDA-B1	NONE				51727	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	E160.3	NONE	7/25/2008	10:48	7/31/2008			8/5/2008	17:00	98.6		SOLID	SOLID	Total Solids	98.6		PERCENT	1	1		=	N						W	=	1		FWDA-B1	NONE				51680	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW8330B	SW8330B	7/25/2008	10:48	7/31/2008	8/8/2008	15:45	8/13/2008	19:22	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	87	100	PERCENT	1			=	Y			87	50	150	W	=			FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588307	SW6010	SW3050	7/25/2008	10:48	7/31/2008	8/6/2008	9:30	8/7/2008	12:28	98.6	26118	7439-92-1	PB	Lead	17		mg/kg	1	0.1085	0.3747	=	N						D	=	0.11	0.38	FWDA-B1	NONE				51727	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	E160.3	NONE	7/28/2008	11:23	7/31/2008			8/1/2008	16:00	94.9		SOLID	SOLID	Total Solids	94.9		PERCENT	1	1		=	N						W	=	1		FWDA-B1	NONE				51616	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.071	0.21	U	N						D	U	0.071	0.21	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.071	0.22	U	N						D	U	0.071	0.22	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.071	0.23	U	N						D	U	0.071	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.081	0.24	U	N						D	U	0.081	0.24	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.081	0.25	U	N						D	U	0.081	0.25	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.81	2.6	U	N						D	U	0.81	2.6	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW8330B	SW8330B	7/28/2008	11:23	7/31/2008	8/3/2008	12:30	8/7/2008	6:31	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	95	100	PERCENT	1			=	Y			95	50	150	W	=			FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588320	SW6010	SW3050	7/28/2008	11:23	7/31/2008	8/6/2008	9:30	8/7/2008	14:39	94.9	26118	7439-92-1	PB	Lead	34.2		mg/kg	1	0.1139	0.3701	=	N						D	=	0.12	0.39	FWDA-B1	NONE				51727	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	E160.3	NONE	7/28/2008	11:10	7/31/2008			8/1/2008	16:00	96.7		SOLID	SOLID	Total Solids	96.7		PERCENT	1	1		=	N						W	=	1		FWDA-B1	NONE				51616	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW8330B	SW8330B	7/28/2008	11:10	7/31/2008	8/3/2008	12:30	8/7/2008	8:24	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	98	100	PERCENT	1			=	Y			98	50	150	W	=			FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588323	SW6010	SW3050	7/28/2008	11:10	7/31/2008	8/6/2008	9:30	8/7/2008	14:58	96.7	26118	7439-92-1	PB	Lead	13.7		mg/kg	1	0.1064	0.3675	=	N						D	=	0.11	0.38	FWDA-B1	NONE				51727	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	E160.3	NONE	7/28/2008	14:06	7/31/2008			8/5/2008	17:00	99.4		SOLID	SOLID	Total Solids	99.2		PERCENT	1	1		=	N						W	=	1		FWDA-B1	NONE				51680	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW8330B	SW8330B	7/28/2008	14:06	7/31/2008	8/8/2008	15:45	8/13/2008	13:08	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	92	100	PERCENT	1			=	Y			92	50	150	W	=			FWDA-B1	NONE				51837	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588308	SW6010	SW3050	7/28/2008	14:06	7/31/2008	8/6/2008	9:30	8/7/2008	12:35	99.4	26118	7439-92-1	PB	Lead	10.8		mg/kg	1	0.1093	0.37	=	N						D	=	0.11	0.37	FWDA-B1	NONE				51727	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	E160.3	NONE	7/25/2008	10:20	7/31/2008			8/1/2008	16:00	92.2		SOLID	SOLID	Total Solids	92.2		PERCENT	1	1		=	N						W	=	1		FWDA-B1	NONE				51616	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51642	
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1	NONE				51642	

4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.079	0.24	U	N						D	U	0.079	0.24	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.079	0.25	U	N						D	U	0.079	0.25	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.79	2.6	U	N						D	U	0.79	2.6	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588317	SW8330B	SW8330B	7/25/2008	10:20	7/31/2008	8/3/2008	12:30	8/7/2008	4:39	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	92	100	PERCENT	1			=	Y			92	50	150	W	=			FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588317	SW6010	SW3050	7/25/2008	10:20	7/31/2008	8/6/2008	9:30	8/7/2008	14:19	92.2	26118	7439-92-1	PB	Lead	48.8		mg/kg	1	0.1106	0.3688	=	N						D	=	0.12	0.4	FWDA-B1(	NONE				51727	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	E160.3	NONE	7/25/2008	10:12	7/31/2008			8/1/2008	16:00	91.8		SOLID	SOLID	Total Solids	91.8		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51616	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW8330B	SW8330B	7/25/2008	10:12	7/31/2008	8/3/2008	12:30	8/7/2008	2:47	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	90	100	PERCENT	1			=	Y			90	50	150	W	=			FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588316	SW6010	SW3050	7/25/2008	10:12	7/31/2008	8/6/2008	9:30	8/7/2008	14:00	91.8	26118	7439-92-1	PB	Lead	21		mg/kg	1	0.1102	0.3672	=	N						D	=	0.12	0.4	FWDA-B1(	NONE				51727	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	E160.3	NONE	7/25/2008	10:52	7/31/2008			8/5/2008	17:00	98.7		SOLID	SOLID	Total Solids	98.7		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51680	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.069	0.21	U	N						D	U	0.069	0.21	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.069	0.22	U	N						D	U	0.069	0.22	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.079	0.24	U	N						D	U	0.079	0.24	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.079	0.25	U	N						D	U	0.079	0.25	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.59	2	U	N						D	U	0.59	2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.79	2.6	U	N						D	U	0.79	2.6	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW8330B	SW8330B	7/25/2008	10:52	7/31/2008	8/8/2008	15:45	8/13/2008	18:44	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	80	100	PERCENT	1			=	Y			80	50	150	W	=			FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588306	SW6010	SW3050	7/25/2008	10:52	7/31/2008	8/6/2008	9:30	8/7/2008	12:22	98.7	26118	7439-92-1	PB	Lead	17.2		mg/kg	1	0.1086	0.37	=	N						D	=	0.11	0.37	FWDA-B1(	NONE				51727	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	E160.3	NONE	7/28/2008	15:50	7/31/2008			8/1/2008	16:00	93.5		SOLID	SOLID	Total Solids	93.5		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51616	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW8330B	SW8330B	7/28/2008	15:50	7/31/2008	8/3/2008	12:30	8/7/2008	7:46	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	88	100	PERCENT	1			=	Y			88	50	150	W	=			FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588322	SW6010	SW3050	7/28/2008	15:50	7/31/2008	8/6/2008	9:30	8/7/2008	14:52	93.5	26118	7439-92-1	PB	Lead	64.2		mg/kg	1	0.1122	0.374	=	N						D	=	0.12	0.4	FWDA-B1(	NONE				51727	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	E160.3	NONE	7/28/2008	15:55	7/31/2008			8/1/2008	16:00	94.5		SOLID	SOLID	Total Solids	94.5		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51616	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW8330B	SW8330B	7/28/2008	15:55	7/31/2008	8/3/2008	12:30	8/7/2008	1:32	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	100	100	PERCENT	1			=	Y			100	50	150	W	=			FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588314	SW6010	SW3050	7/28/2008	15:55	7/31/2008	8/6/2008	9:30	8/7/2008	13:46	94.5	26118	7439-92-1	PB	Lead	26.5		mg/kg	1	0.1134	0.3686	=	N						D	=	0.12	0.39	FWDA-B1(	NONE				51727	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	E160.3	NONE	7/28/2008	16:30	7/31/2008			8/5/2008	17:00	99.4		SOLID	SOLID	Total Solids	99.4		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51680	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	19:59	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	86	100	PERCENT	1			=	Y			86	50	150	W	=			FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588309	SW6010	SW3050	7/28/2008	16:30	7/31/2008	8/6/2008	9:30	8/7/2008	13:20	99.4	26118	7439-92-1	PB	Lead	6.8		mg/kg	1	0.1093	0.37	=	N						D	=	0.11	0.37	FWDA-B1(	NONE				51727	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	E160.3	NONE	7/28/2008	16:30	7/31/2008			8/5/2008	17:00	99.4		SOLID	SOLID	Total Solids	99.4		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51680	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW8330B	SW8330B	7/28/2008	16:30	7/31/2008	8/8/2008	15:45	8/13/2008	20:37	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	84	100	PERCENT	1			=	Y			84	50	150	W	=			FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588310	SW6010	SW3050	7/28/2008	16:30	7/31/2008	8/6/2008	9:30	8/7/2008	13:27	99.4	26118	7439-92-1	PB	Lead	6.5		mg/kg	1	0.1093	0.37	=	N						D	=	0.11	0.37	FWDA-B1(	NONE				51727	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	E160.3	NONE	7/29/2008	10:12	7/31/2008			8/1/2008	16:00	94.4		SOLID	SOLID	Total Solids	94.4		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51616	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.081	0.24	U	N						D	U	0.081	0.24	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.081	0.25	U	N						D	U	0.081	0.25	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.81	2.6	U	N						D	U	0.81	2.6	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW8330B	SW8330B	7/29/2008	10:12	7/31/2008	8/8/2008	15:45	8/14/2008	11:51	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	84	100	PERCENT	1			=	Y			84	50	150	W	=			FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588327	SW6010	SW3050	7/29/2008	10:12	7/31/2008	8/6/2008	9:30	8/7/2008	16:21	94.4	26119	7439-92-1	PB	Lead	87.4		mg/kg	1	0.1133	0.3682	=	N						D	=	0.12	0.39	FWDA-B1(	NONE				51728	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	E160.3	NONE	7/29/2008	10:21	7/31/2008			8/1/2008	16:00	94.4		SOLID	SOLID	Total Solids	94.4		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51616	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	11:13	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	86	100	PERCENT	1			=	Y			86	50	150	W	=			FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588326	SW6010	SW3050	7/29/2008	10:21	7/31/2008	8/6/2008	9:30	8/7/2008	16:15	94.4	26119	7439-92-1	PB	Lead	10.1		mg/kg	1	0.1133	0.3682	=	N						D	=	0.12	0.39	FWDA-B1(	NONE				51728	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	E160.3	NONE	7/29/2008	10:21	7/31/2008			8/1/2008	16:00	94.9		SOLID	SOLID	Total Solids	94.9		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51616	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW8330B	SW8330B	7/29/2008	10:21	7/31/2008	8/8/2008	15:45	8/14/2008	12:28	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	90	100	PERCENT	1			=	Y			90	50	150	W	=			FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588328	SW6010	SW3050	7/29/2008	10:21	7/31/2008	8/6/2008	9:30	8/7/2008	16:28	94.9	26119	7439-92-1	PB	Lead	36.9		mg/kg	1	0.1139	0.3701	=	N						D	=	0.12	0.39	FWDA-B1(	NONE				51728	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	E160.3	NONE	7/29/2008	10:53	7/31/2008			8/5/2008	17:00	99		SOLID	SOLID	Total Solids	99		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51680	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW8330B	SW8330B	7/29/2008	10:53	7/31/2008	8/8/2008	15:45	8/13/2008	21:14	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	84	100	PERCENT	1			=	Y			84	50	150	W	=			FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588311	SW6010	SW3050	7/29/2008	10:53	7/31/2008	8/6/2008	9:30	8/7/2008	13:33	99	26118	7439-92-1	PB	Lead	5.8		mg/kg	1	0.1089	0.37	=	N						D	=	0.11	0.37	FWDA-B1(	NONE				51727	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	E160.3	NONE	7/25/2008	8:00	7/31/2008			8/1/2008	16:00	89.5		SOLID	SOLID	Total Solids	89.5		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51616	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N						D	U	0.07	0.21	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N						D	U	0.07	0.22	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N						D	U	0.07	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N						D	U	0.08	0.24	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N						D	U	0.08	0.25	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N						D	U	0.6	2	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N						D	U	0.8	2.6	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW8330B	SW8330B	7/25/2008	8:00	7/31/2008	8/8/2008	15:45	8/14/2008	10:36	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	84	100	PERCENT	1			=	Y			84	50	150	W	=			FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588325	SW6010	SW3050	7/25/2008	8:00	7/31/2008	8/6/2008	9:30	8/7/2008	16:08	89.5	26119	7439-92-1	PB	Lead	44.7		mg/kg	1	0.1074	0.367	=	N						D	=	0.12	0.41	FWDA-B1(	NONE				51728	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	E160.3	NONE	7/25/2008	7:50	7/31/2008			8/1/2008	16:00	91		SOLID	SOLID	Total Solids	91		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51616	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.059	0.18	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.059	0.2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.069	0.21	U	N						D	U	0.069	0.21	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.069	0.22	U	N						D	U	0.069	0.22	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.069	0.23	U	N						D	U	0.069	0.23	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.079	0.24	U	N						D	U	0.079	0.24	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	19406-51-(	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.079	0.25	U	N						D	U	0.079	0.25	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.59	2	U	N						D	U	0.59	2	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.79	2.6	U	N						D	U	0.79	2.6	FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW8330B	SW8330B	7/25/2008	7:50	7/31/2008	8/3/2008	12:30	8/7/2008	2:09	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	99	100	PERCENT	1			=	Y			99	50	150	W	=			FWDA-B1(	NONE				51642	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588315	SW6010	SW3050	7/25/2008	7:50	7/31/2008	8/6/2008	9:30	8/7/2008	13:53	91	26118	7439-92-1	PB	Lead	25		mg/kg	1	0.1092	0.3731	=	N						D	=	0.12	0.41	FWDA-B1(	NONE				51727	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588304	E160.3	NONE	7/25/2008	8:45	7/31/2008			8/5/2008	17:00	99.2		SOLID	SOLID	Total Solids	99.2		PERCENT	1	1		=	N						W	=	1		FWDA-B1(	NONE				51680	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.04	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.04	0.23	U	N						D	U	0.04	0.23	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.05	0.14	U	N						D	U	0.05	0.14	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.05	0.15	U	N						D	U	0.05	0.15	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	121-82-4	RDX	RDX	0.18		mg/kg	1	0.06	0.18	U	N						D	U	0.06	0.18	FWDA-B1(	NONE				51837	
4.3	CTLabs	68139	FWDA-B1(	FWDA-B1(	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.06	0.2	U	N						D	U	0.06	0.2	FWDA-B1(	NONE				51837	

4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.06	0.2	U	N				D	U	0.06	0.2	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.07	0.21	U	N				D	U	0.07	0.21	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.07	0.22	U	N				D	U	0.07	0.22	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.07	0.23	U	N				D	U	0.07	0.23	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.07	0.23	U	N				D	U	0.07	0.23	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.08	0.24	U	N				D	U	0.08	0.24	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.08	0.25	U	N				D	U	0.08	0.25	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.6	2	U	N				D	U	0.6	2	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	78-11-5	PETN	PETN	2.6		mg/kg	1	0.8	2.6	U	N				D	U	0.8	2.6	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	N		Soil	588304	SW8330B	SW8330B	7/25/2008	8:45	7/31/2008	8/8/2008	15:45	8/13/2008	17:30	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	85	100	PERCENT	1			=	Y	85	50	150	W	=			FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	N		Soil	588304	SW6010	SW3050	7/25/2008	8:45	7/31/2008	8/6/2008	9:30	8/7/2008	12:08	99.2	26118	7439-92-1	PB	Lead	37.8		mg/kg	1	0.1091	0.37	=	N				D	=	0.11	0.37	FWDA-B1C	NONE	51727
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	E160.3	NONE	7/30/2008	8:54	7/31/2008			8/5/2008	17:00	99.6		SOLID	SOLID	Total Solids	99.6		PERCENT	1	1		=	N				W	=	1		FWDA-T02	NONE	51680
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/15/2008	10:28	99.6	26111	11096-82-	PCB1260	Aroclor 1260	38		ug/kg	1	11.952	37.848	UV	N				D	U	12	38	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/15/2008	10:28	99.6	26111	12672-29-	PCB1248	Aroclor 1248	58		ug/kg	1	17.928	57.768	UV	N				D	U	18	58	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/15/2008	10:28	99.6	26111	12674-11-	PCB1016	Aroclor 1016	62		ug/kg	1	17.928	61.752	UV	N				D	U	18	62	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/15/2008	10:28	99.6	26111	53469-21-	PCB1242	Aroclor 1242	68		ug/kg	1	19.92	67.728	UV	N				D	U	20	68	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/15/2008	10:28	99.6	26111	11104-28-	PCB1221	Aroclor 1221	82		ug/kg	1	23.904	81.672	UV	N				D	U	24	82	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/15/2008	10:28	99.6	26111	11141-16-	PCB1232	Aroclor 1232	94		ug/kg	1	27.888	93.624	UV	N				D	U	28	94	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/15/2008	10:28	99.6	26111	11097-69-	PCB1254	Aroclor 1254	20		ug/kg	1	5.976	19.92	UV	N				D	U	6	20	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/15/2008	10:28	99.6	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	67	100	PERCENT	1			#NAME?	Y	67	50	150	W	=			FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588331	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/15/2008	10:28	99.6	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	80	100	PERCENT	1			#NAME?	Y	80	50	150	W	=			FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588332	E160.3	NONE	7/30/2008	8:54	7/31/2008			8/5/2008	17:00	99.5		SOLID	SOLID	Total Solids	99.5		PERCENT	1	1		=	N				W	=	1		FWDA-T02	NONE	51680
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588332	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/14/2008	14:23	99.5	26111	11096-82-	PCB1260	Aroclor 1260	38		ug/kg	1	11.94	37.81	UV	N				D	U	12	38	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588332	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/14/2008	14:23	99.5	26111	12672-29-	PCB1248	Aroclor 1248	58		ug/kg	1	17.91	57.71	UV	N				D	U	18	58	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588332	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/14/2008	14:23	99.5	26111	12674-11-	PCB1016	Aroclor 1016	62		ug/kg	1	17.91	61.69	UV	N				D	U	18	62	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588332	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/14/2008	14:23	99.5	26111	53469-21-	PCB1242	Aroclor 1242	68		ug/kg	1	19.9	67.66	UV	N				D	U	20	68	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588332	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/14/2008	14:23	99.5	26111	11104-28-	PCB1221	Aroclor 1221	82		ug/kg	1	23.88	81.59	UV	N				D	U	24	82	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588332	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/14/2008	14:23	99.5	26111	11141-16-	PCB1232	Aroclor 1232	94		ug/kg	1	27.86	93.53	UV	N				D	U	28	94	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588332	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/14/2008	14:23	99.5	26111	11097-69-	PCB1254	Aroclor 1254	20		ug/kg	1	5.97	19.9	UV	N				D	U	6	20	FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588332	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/14/2008	14:23	99.5	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	54	100	PERCENT	1			#NAME?	Y	54	50	150	W	=			FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T02	FWDA-T02	N		Soil	588332	SW8082	SW3545	7/30/2008	8:54	7/31/2008	8/5/2008	10:00	8/14/2008	14:23	99.5	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	64	100	PERCENT	1			#NAME?	Y	64	50	150	W	=			FWDA-T02	NONE	51733
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	E160.3	NONE	7/30/2008	8:37	7/31/2008			8/5/2008	17:00	98.3		SOLID	SOLID	Total Solids	98.3		PERCENT	1	1		=	N				W	=	1		FWDA-T03	NONE	51680
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	7/30/2008	8:37	7/31/2008	8/5/2008	10:00	8/14/2008	14:04	98.3	26111	53469-21-	PCB1242	Aroclor 1242	34		ug/kg	1	9.83	34	U	N				D	U	10	34	FWDA-T03	NONE	51733
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	7/30/2008	8:37	7/31/2008	8/5/2008	10:00	8/14/2008	14:04	98.3	26111	11104-28-	PCB1221	Aroclor 1221	41		ug/kg	1	11.796	41	U	N				D	U	12	41	FWDA-T03	NONE	51733
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	7/30/2008	8:37	7/31/2008	8/5/2008	10:00	8/14/2008	14:04	98.3	26111	11141-16-	PCB1232	Aroclor 1232	47		ug/kg	1	13.762	47	U	N				D	U	14	47	FWDA-T03	NONE	51733
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	7/30/2008	8:37	7/31/2008	8/5/2008	10:00	8/14/2008	14:04	98.3	26111	11097-69-	PCB1254	Aroclor 1254	10		ug/kg	1	2.949	10	U	N				D	U	3	10	FWDA-T03	NONE	51733
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	7/30/2008	8:37	7/31/2008	8/5/2008	10:00	8/14/2008	14:04	98.3	26111	11096-82-	PCB1260	Aroclor 1260	19		ug/kg	1	5.898	19	U	N				D	U	6	19	FWDA-T03	NONE	51733
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	7/30/2008	8:37	7/31/2008	8/5/2008	10:00	8/14/2008	14:04	98.3	26111	12672-29-	PCB1248	Aroclor 1248	29		ug/kg	1	8.9453	29	U	N				D	U	9.1	29	FWDA-T03	NONE	51733
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	7/30/2008	8:37	7/31/2008	8/5/2008	10:00	8/14/2008	14:04	98.3	26111	12674-11-	PCB1016	Aroclor 1016	31		ug/kg	1	8.9453	31	U	N				D	U	9.1	31	FWDA-T03	NONE	51733
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	7/30/2008	8:37	7/31/2008	8/5/2008	10:00	8/14/2008	14:04	98.3	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	85	100	PERCENT	1			=	Y	85	50	150	W	=			FWDA-T03	NONE	51733
4.3	CTLabs	68139	FWDA-T03	FWDA-T03	N		Soil	588330	SW8082	SW3545	7/30/2008	8:37	7/31/2008	8/5/2008	10:00	8/14/2008	14:04	98.3	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	93	100	PERCENT	1			=	Y	93	50	150	W	=			FWDA-T03	NONE	51733
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	E160.3	NONE	7/30/2008	8:02	7/31/2008			8/5/2008	17:00	97.1		SOLID	SOLID	Total Solids	97.1		PERCENT	1	1		=	N				W	=	1		FWDA-T04	NONE	51680
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	7/30/2008	8:02	7/31/2008	8/5/2008	10:00	8/14/2008	13:55	97.1	26111	53469-21-	PCB1242	Aroclor 1242	35		ug/kg	1	9.71	33.985	U	N				D	U	10	35	FWDA-T04	NONE	51733
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	7/30/2008	8:02	7/31/2008	8/5/2008	10:00	8/14/2008	13:55	97.1	26111	11104-28-	PCB1221	Aroclor 1221	42		ug/kg	1	11.652	40.782	U	N				D	U	12	42	FWDA-T04	NONE	51733
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	7/30/2008	8:02	7/31/2008	8/5/2008	10:00	8/14/2008	13:55	97.1	26111	11141-16-	PCB1232	Aroclor 1232	48		ug/kg	1	13.594	46.608	U	N				D	U	14	48	FWDA-T04	NONE	51733
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	7/30/2008	8:02	7/31/2008	8/5/2008	10:00	8/14/2008	13:55	97.1	26111	11097-69-	PCB1254	Aroclor 1254	10		ug/kg	1	3.0101	10	U	N				D	U	3.1	10	FWDA-T04	NONE	51733
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	7/30/2008	8:02	7/31/2008	8/5/2008	10:00	8/14/2008	13:55	97.1	26111	11096-82-	PCB1260	Aroclor 1260	20		ug/kg	1	6.0202	19.42	U	N				D	U	6.2	20	FWDA-T04	NONE	51733
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	7/30/2008	8:02	7/31/2008	8/5/2008	10:00	8/14/2008	13:55	97.1	26111	12672-29-	PCB1248	Aroclor 1248	30		ug/kg	1	9.0303	29.13	U	N				D	U	9.3	30	FWDA-T04	NONE	51733
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	7/30/2008	8:02	7/31/2008	8/5/2008	10:00	8/14/2008	13:55	97.1	26111	12674-11-	PCB1016	Aroclor 1016	32		ug/kg	1	9.0303	31.072	U	N				D	U	9.3	32	FWDA-T04	NONE	51733
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	7/30/2008	8:02	7/31/2008	8/5/2008	10:00	8/14/2008	13:55	97.1	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	84	100	PERCENT	1			=	Y	84	50	150	W	=			FWDA-T04	NONE	51733
4.3	CTLabs	68139	FWDA-T04	FWDA-T04	N		Soil	588329	SW8082	SW3545	7/30/2008	8:02	7/31/2008	8/5/2008	10:00	8/14/2008	13:55	97.1	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	94	100	PERCENT	1			=	Y	94	50	150	W	=			FWDA-T04	NONE	51733
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	LR	D	Soil	588911	E160.3	NONE	7/28/2008	9:55	8/1/2008			8/1/2008	16:00	93.9		SOLID	SOLID	Total Solids	93.9	94.3	PERCENT	1	1		=	N				W	=	1		FWDA-B1C	NONE	51616
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	LR	D	Soil	589196	SW6010	SW3050	7/28/2008	9:55	8/6/2008	8/6/2008	9:30	8/7/2008	15:49	93.9	26119	7439-92-1	PB	Lead	23.7	21.3	mg/kg	1	0.117	0.394	=	N				D	=	0.117	0.394	FWDA-B1C	NONE	51728
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	LR	D	Soil	589192	SW6010	SW3050	7/28/2008	14:06	8/6/2008	8/6/2008	9:30	8/7/2008	13:00	99.4	26118	7439-92-1	PB	Lead	10.7	10.8	mg/kg	1	0.111	0.372	=	N				D	=	0.111	0.372	FWDA-B1C	NONE	51727
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	LR	D	Soil	589987	E160.3	NONE	7/28/2008	14:06	8/5/2008			8/5/2008	17:00	99.4		SOLID	SOLID	Total Solids	99.4	99.2	PERCENT	1	1		=	N				W	=	1		FWDA-B1C	NONE	51680
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	479-45-8	TETRYL	Tetryl	1.26	2	mg/kg	1			=	N	63	10	150	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-99-0	NBZME4	4-Nitrotoluene	1.88	2	mg/kg	1			=	N	94	75	125	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	1.96	2	mg/kg	1			=	N	98	80	125	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	88-72-2	NBZME2	2-Nitrotoluene	1.99	2	mg/kg	1			=	N	100	80	125	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	106	100	PERCENT	1			=	Y	106	81	117	W	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	121-82-4	RDX	RDX	2.02	2	mg/kg	1			=	N	101	70	135	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	2.03	2	mg/kg	1			=	N	102	75	125	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	2.04	2	mg/kg	1			=	N	102	55	140	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-08-1	NBZME3	3-Nitrotoluene	2.04	2	mg/kg	1			=	N	102	75	120	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	98-95-3	NO2BZ	Nitrobenzene	2.06	2	mg/kg	1			=	N	103	75	125	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	2.12	2	mg/kg	1			=	N	106	80	120	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	2691-41-0	HMX	HMX	2.18	2	mg/kg	1			=	N	109	75	125	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	2.19	2	mg/kg	1			=	N	110	80	125	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	2.2	2	mg/kg	1			=	N	110	80	125	D	=			588651	NONE	51642
4.3	CTLabs	68139	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	2.28	2	mg/kg	1			=	N	114	80	125	D	=			588651	NONE	51642
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	479-45-8	TETRYL	Tetryl	1.88	2	mg/kg	1			=	N	94	10	150	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	2691-41-0	HMX	HMX	1.9	2	mg/kg	1			=	N	95	75	125	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	1.98	2	mg/kg	1			=	N	99	80	125	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	109	100	PERCENT	1			=	Y	109	81	117	W	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	121-14-2	DNT24	2,4-Dinitrotoluene	2	2	mg/kg	1			=	N	100	80	125	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	2.05	2	mg/kg	1			=	N	102	75	125	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	98-95-3	NO2BZ	Nitrobenzene	2.05	2	mg/kg	1			=	N	102	75	125	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	606-20-2	DNT26	2,6-Dinitrotoluene	2.07	2	mg/kg	1			=	N	104	80	120	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	121-82-4	RDX	RDX	2.08	2	mg/kg	1			=	N	104	70	135	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-65-0	DNB13	1,3-Dinitrobenzene	2.1	2	mg/kg	1			=	N	105	80	125	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	2.12	2	mg/kg	1			=	N	106	80	125	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-99-0	NBZME4	4-Nitrotoluene	2.13	2	mg/kg	1			=	N	106	75	125	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-08-1	NBZME3	3-Nitrotoluene	2.15	2	mg/kg	1			=	N	108	75	120	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	88-72-2	NBZME2	2-Nitrotoluene	2.16	2	mg/kg	1			=	N	108	80	125	D	=			588694	NONE	51774
4.3	CTLabs	68139	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	2.23	2	mg/kg	1			=	N	112	55	140	D	=			588694	NONE	51774
4.3	CTLabs	68139	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:54	100	26096	78-11-5	PETN	PETN	6.4	8	mg/kg	1			=	N	80	80	120	D	=			588697	NONE	51774
4.3	CTLabs	68139	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:54	100	26096	55-63-0	NTG	Nitroglycerin	7.38	8	mg/kg	1			=	N	92	80	120	D	=			588697	NONE	51774
4.3	CTLabs	68139	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:54	100	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	81.5	100	PERCENT	1			=	Y	81.5	81	117	W	=			588697	NONE	51774
4.3	CTLabs	68139	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	78-11-5	PETN	PETN	8.47	8	mg/kg	1			=	N	106	80	120	D	=			588705	NONE	51642
4.3	CTLabs	68139	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	55-63-0	NTG	Nitroglycerin	8.86	8	mg/kg	1			=	N	111	80	120	D	=			588705	NONE	51642
4.3	CTLabs	68139	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	98.8	100	PERCENT	1			=	Y	98.8	81	117	W	=			588705	NONE	51642
4.3	CTLabs	68139	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	100	26111	12674-11-	PCB1016	Aroclor 1016	465	500	ug/kg	1			=	N	93	53	143	W	=			589041	NONE	51733
4.3	CTLabs	68139	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	100	26111	11096-82-	PCB1260	Aroclor 1260	488	500	ug/kg	1			=	N	98	71	134	W	=			589041	NONE	51733
4.3	CTLabs	68139	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	100	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	86.9	100	PERCENT	1			=	Y	86.9	50	150	W	=			589041	NONE	51733
4.3	CTLabs	68139	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	100	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	98.4	100	PERCENT	1			=	Y	98.4	50	150	W	=			589041	NONE	51733
4.3	CTLabs	68139	589190	589190	BS		Soil	589190	SW6010	SW3050	8/6/2008	0	8/6/2008	8/6/2008	9:30	8/7/2008	11:56	100	26118	7439-92-1	PB	Lead	25.3	25	mg/kg	1			=	N	101	80	120	W	=			589190	NONE	51727
4.3	CTLabs	68139	589194	589194	BS		Soil	589194	SW6010	SW3050	8/6/2008	0	8/6/2008	8/6/2008	9:30	8/7/2008	15:12	100	26119	7439-92-1	PB	Lead	25.3	25	mg/kg	1			=	N	101	80	120	W	=			589194	NONE	51728
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	479-45-8	TETRYL	Tetryl	1.43	2	mg/kg	1			=	N	72	10	150	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	99-99-0	NBZME4	4-Nitrotoluene	1.67	2	mg/kg	1			=	N	84	75	125	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	1.78	2	mg/kg	1			=	N	89	55	140	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	1.84	2	mg/kg	1			=	N	92	80	125	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	2691-41-0	HMX	HMX	1.88	2	mg/kg	1			=	N	94	75	125	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	98-95-3	NO2BZ	Nitrobenzene	1.89	2	mg/kg	1			=	N	94	75	125	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	88-72-2	NBZME2	2-Nitrotoluene	1.9	2	mg/kg	1			=	N	95	80	125	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	99-08-1	NBZME3	3-Nitrotoluene	1.94	2	mg/kg	1			=	N	97	75	120	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	1.94	2	mg/kg	1			=	N	97	80	125	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	121-82-4	RDX	RDX	1.95	2	mg/kg	1			=	N	98	70	135	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	1.95	2	mg/kg	1			=	N	98	75	125	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	1.95	2	mg/kg	1			=	N	98	80	125	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	103	100	PERCENT	1			=	Y	103	81	117	W	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	2.01	2	mg/kg	1			=	N	100	80	120	D	=			590003	NONE	51837
4.3	CTLabs	68139	590003	590003	BS		Soil	590003	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:53	100	26139	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	2.14	2	mg/kg	1			=	N	107	80	125	D	=			590003	NONE	51837
4.3	CTLabs	68139	590006	590006	BS		Soil	590006	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	12:30	100	26139	78-11-5	PETN	PETN	6.78	8	mg/kg	1			=	N	85	80	120	D	=			590006	NONE	51837
4.3	CTLabs	68139	590006	590006	BS		Soil	590006	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	12:30	100	26139	55-63-0	NTG	Nitroglycerin	7.56	8	mg/kg	1			=	N	94	80	120	D	=			590006	NONE	51837
4.3	CTLabs	68139	590006	590006	BS		Soil	590006	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	12:30	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	85.7	100	PERCENT	1			=	Y	85.7	81	117	W	=			590006	NONE	51837
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.05	0	mg/kg	1	0.05		U	N		-1	0.05	D	U	0.05		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.08	0	mg/kg	1	0.08		U	N		-1	0.08	D	U	0.08		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N		-1	0.8	D	U	0.8		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.04	0	mg/kg	1	0.04		U	N		-1	0.04	D	U	0.04		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.04	0	mg/kg	1	0.04		U	N		-1	0.04	D	U	0.04		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.08	0	mg/kg	1	0.08		U	N		-1	0.08	D	U	0.08		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	55-63-0	NTG	Nitroglycerin	0.6	0	mg/kg	1	0.6		U	N		-1	0.6	D	U	0.6		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.096	0	mg/kg	1	0.05		#NAME?	N		-1	0.05	D	=	0.05		588650	NONE	51642
4.3	CTLabs	68139	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	90.5	100	PERCENT	1			=	Y	90.5	81	117	W	=			588650	NONE	51642
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-65-0	DNB13	1,3-Dinitrobenzene	0.04	0	mg/kg	1	0.04		U	N		-1	0.04	D	U	0.04		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	121-14-2	DNT24	2,4-Dinitrotoluene	0.04	0	mg/kg	1	0.04		U	N		-1	0.04	D	U	0.04		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	88-72-2	NBZME2	2-Nitrotoluene	0.05	0	mg/kg	1	0.05		U	N		-1	0.05	D	U	0.05		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	98-95-3	NO2BZ	Nitrobenzene	0.05	0	mg/kg	1	0.05		U	N		-1	0.05	D	U	0.05		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	606-20-2	DNT26	2,6-Dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-08-1	NBZME3	3-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-99-0	NBZME4	4-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	0.08	0	mg/kg	1	0.08		U	N		-1	0.08	D	U	0.08		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.08	0	mg/kg	1	0.08		U	N		-1	0.08	D	U	0.08		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	55-63-0	NTG	Nitroglycerin	0.6	0	mg/kg	1	0.6		U	N		-1	0.6	D	U	0.6		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N		-1	0.8	D	U	0.8		588693	NONE	51774
4.3	CTLabs	68139	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	90.7	100	PERCENT	1			=	Y	90.7	81	117	W	=			588693	NONE	51774
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	53469-21-	PCB1242	Aroclor 1242	10	0	ug/kg	1	10		U	N		-1	10	W	U	10		589040	NONE	51733
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11104-28-	PCB1221	Aroclor 1221	12	0	ug/kg	1	12		U	N		-1	12	W	U	12		589040	NONE	51733
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11141-16-	PCB1232	Aroclor 1232	14	0	ug/kg	1	14		U	N		-1	14	W	U	14		589040	NONE	51733
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11097-69-	PCB1254	Aroclor 1254	3	0	ug/kg	1	3		U	N		-1	3	W	U	3		589040	NONE	51733
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11096-82-	PCB1260	Aroclor 1260	6	0	ug/kg	1	6		U	N		-1	6	W	U	6		589040	NONE	51733
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	12674-11-	PCB1016	Aroclor 1016	9	0	ug/kg	1	9		U	N		-1	9	W	U	9		589040	NONE	51733
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	12672-29-	PCB1248	Aroclor 1248	9	0	ug/kg	1	9		U	N		-1	9	W	U	9		589040	NONE	51733
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	78.3	100	PERCENT	1			=	Y	78.3	50	150	W	=			589040	NONE	51733
4.3	CTLabs	68139	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	93.4	100	PERCENT	1			=	Y	93.4	50	150	W	=			589040	NONE	51733
4.3	CTLabs	68139	589189	589189	LB		Soil	589189	SW6010	SW3050	8/6/2008	0	8/6/2008	8/6/2008	9:30	8/7/2008	12:02	100	26118	7439-92-1	PB	Lead	0.005	0	mg/kg	1	0.11		U	N		-10	0.11	W	U	0.11		589189	NONE	51727
4.3	CTLabs	68139	589193	589193	LB		Soil	589193	SW6010	SW3050	8/6/2008	0	8/6/2008	8/6/2008	9:30	8/7/2008	15:17	100	26119	7439-92-1	PB	Lead	0.11	0	mg/kg	1	0.11		U	N		-10	0.11	W	U	0.11		589193	NONE	51728
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	0.04	0	mg/kg	1	0.04		U	N		-1	0.04	D	U	0.04		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	0.04	0	mg/kg	1	0.04		U	N		-1	0.04	D	U	0.04		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	88-72-2	NBZME2	2-Nitrotoluene	0.05	0	mg/kg	1	0.05		U	N		-1	0.05	D	U	0.05		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	98-95-3	NO2BZ	Nitrobenzene	0.05	0	mg/kg	1	0.05		U	N		-1	0.05	D	U	0.05		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N		-1	0.06	D	U	0.06		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	99-08-1	NBZME3	3-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	99-99-0	NBZME4	4-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N		-1	0.07	D	U	0.07		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	0.08	0	mg/kg	1	0.08		U	N		-1	0.08	D	U	0.08		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.08	0	mg/kg	1	0.08		U	N		-1	0.08	D	U	0.08		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	55-63-0	NTG	Nitroglycerin	0.6	0	mg/kg	1	0.6		U	N		-1	0.6	D	U	0.6		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N		-1	0.8	D	U	0.8		590002	NONE	51837
4.3	CTLabs	68139	590002	590002	LB		Soil	590002	SW8330B	SW8330B	8/8/2008	0	8/8/2008	8/8/2008	15:45	8/13/2008	11:15	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	99.1	100	PERCENT	1			=	Y	99.1	81	117	W	=			590002	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	121-82-4	RDX	RDX	1.66	1.99	mg/kg	1	0.0598	0.181	=	N	83	70	135	D	=	0.0598	0.181	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	479-45-8	TETRYL	Tetryl	1.79	1.99	mg/kg	1	0.0698	0.231	=	N	90	10	150	D	=	0.0698	0.231	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	99-99-0	NBZME4	4-Nitrotoluene	1.96	1.99	mg/kg	1	0.0698	0.231	=	N	98	80	125	D	=	0.0698	0.231	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	99-08-1	NBZME3	3-Nitrotoluene	1.98	1.99	mg/kg	1	0.0698	0.221	=	N	99	75	120	D	=	0.0698	0.221	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	112	100	PERCENT	1			=	Y	112	81	117	W	=			FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	2.07	1.99	mg/kg	1	0.0798	0.251	=	N	104	80	125	D	=	0.0798	0.251	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	2.09	1.99	mg/kg	1	0.0598	0.201	=	N	105	80	120	D	=	0.0598	0.201	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	88-72-2	NBZME2	2-Nitrotoluene	2.1	1.99	mg/kg	1	0.0499	0.14	=	N	106	80	125	D	=	0.0499	0.14	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	2.13	1.99	mg/kg	1	0.0399	0.13	=	N	107	80	125	D	=	0.0399	0.13	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	98-95-3	NO2BZ	Nitrobenzene	2.15	1.99	mg/kg	1	0.0499	0.15	=	N	108	75	125	D	=	0.0499	0.15	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	2.15	1.99	mg/kg	1	0.0598	0.201	=	N	108	75	125	D	=	0.0598	0.201	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	2.17	1.99	mg/kg	1	0.0598	0.181	=	N	109	80	125	D	=	0.0598	0.181	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	2.18	1.99	mg/kg	1	0.0798	0.241	=	N	110	55	140	D	=	0.0798	0.241	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	2.22	1.99	mg/kg	1	0.0399	0.231	=	N	112	80	125	D	=	0.0399	0.231	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588654	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:40	100	26089	2691-41-0	HMX	HMX	2.25	1.99	mg/kg	1	0.0698	0.211	=	N	113	75	125	D	=	0.0698	0.211	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588708	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	19:18	100	26089	78-11-5	PETN	PETN	9.07	8.08	mg/kg	1	0.808	2.63	=	N	112	80	125	D	=	0.808	2.63	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588708	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	19:18	100	26089	55-63-0	NTG	Nitroglycerin	9.2	8.08	mg/kg	1	0.606	2.02	=	N	114	80	125	D	=	0.606	2.02	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	588708	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	19:18	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	97.5	100	PERCENT	1			=	Y	97.5	81	117	W	=			FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	479-45-8	TETRYL	Tetryl	1.67	1.99	mg/kg	1	0.0695	0.232	=	N	84	10	150	D	=	0.0695	0.232	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	121-82-4	RDX	RDX	1.69	1.99	mg/kg	1	0.0596	0.181	=	N	85	70	135	D	=	0.0596	0.181	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	2691-41-0	HMX	HMX	1.8	1.99	mg/kg	1	0.0695	0.211	=	N	90	75	125	D	=	0.0695	0.211	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	88-72-2	NBZME2	2-Nitrotoluene	1.86	1.99	mg/kg	1	0.0497	0.141	=	N	93	80	125	D	=	0.0497	0.141	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	1.88	1.99	mg/kg	1	0.0596	0.201	=	N	94	75	125	D	=	0.0596	0.201	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	1.9	1.99	mg/kg	1	0.0397	0.131	=	N	95	80	125	D	=	0.0397	0.131	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	98-95-3	NO2BZ	Nitrobenzene	1.93	1.99	mg/kg	1	0.0497	0.151	=	N	97	75	125	D	=	0.0497	0.151	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	99-99-0	NBZME4	4-Nitrotoluene	1.94	1.99	mg/kg	1	0.0695	0.232	=	N	97	80	125	D	=	0.0695	0.232	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	1.95	1.99	mg/kg	1	0.0794	0.242	=	N	98	55	140	D	=	0.0794	0.242	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	1.98	1.99	mg/kg	1	0.0596	0.181	=	N	99	80	125	D	=	0.0596	0.181	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	101	100	PERCENT	1			=	Y	101	81	117	W	=			FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	2.03	1.99	mg/kg	1	0.0596	0.201	=	N	102	80	120	D	=	0.0596	0.201	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	2.06	1.99	mg/kg	1	0.0397	0.232	=	N	104	80	125	D	=	0.0397	0.232	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	99-08-1	NBZME3	3-Nitrotoluene	2.09	1.99	mg/kg	1	0.0695	0.222	=	N	105	75	120	D	=	0.0695	0.222	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590011	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:15	100	26139	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	2.15	1.99	mg/kg	1	0.0794	0.252	=	N	108	80	125	D	=	0.0794	0.252	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590014	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:52	100	26139	78-11-5	PETN	PETN	7.82	7.98	mg/kg	1	0.798	2.61	=	N	98	80	125	D	=	0.798	2.61	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590014	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:52	100	26139	55-63-0	NTG	Nitroglycerin	7.97	7.98	mg/kg	1	0.598	2.01	=	N	100	80	125	D	=	0.598	2.01	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	SD		Soil	590014	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	16:52	100	26139	528-29-0	DNBZ12	1,2-Dinitrobenzene	89.2	100	PERCENT	1			=	Y	89.2	81	117	W	=			FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	121-82-4	RDX	RDX	1.62	2.01	mg/kg	1	0.0602	0.181	=	N	81	70	135	D	=	0.0602	0.181	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	479-45-8	TETRYL	Tetryl	1.84	2.01	mg/kg	1	0.0702	0.231	=	N	92	10	150	D	=	0.0702	0.231	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	99-99-0	NBZME4	4-Nitrotoluene	1.91	2.01	mg/kg	1	0.0702	0.231	=	N	95	80	125	D	=	0.0702	0.231	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	113	100	PERCENT	1			=	Y	113	81	117	W	=			FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	88-72-2	NBZME2	2-Nitrotoluene	2.05	2.01	mg/kg	1	0.0502	0.14	=	N	102	80	125	D	=	0.0502	0.14	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	99-08-1	NBZME3	3-Nitrotoluene	2.12	2.01	mg/kg	1	0.0702	0.221	=	N	105	75	120	D	=	0.0702	0.221	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	2.14	2.01	mg/kg	1	0.0802	0.251	=	N	106	80	125	D	=	0.0802	0.251	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	2.15	2.01	mg/kg	1	0.0602	0.201	=	N	107	80	120	D	=	0.0602	0.201	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	2.17	2.01	mg/kg	1	0.0602	0.201	=	N	108	75	125	D	=	0.0602	0.201	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	2.19	2.01	mg/kg	1	0.0401	0.13	=	N	109	80	125	D	=	0.0401	0.13	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	2.2	2.01	mg/kg	1	0.0802	0.241	=	N	109	55	140	D	=	0.0802	0.241	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	98-95-3	NO2BZ	Nitrobenzene	2.21	2.01	mg/kg	1	0.0502	0.15	=	N	110	75	125	D	=	0.0502	0.15	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	2.22	2.01	mg/kg	1	0.0602	0.181	=	N	110	80	125	D	=	0.0602	0.181	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	2.27	2.01	mg/kg	1	0.0401	0.231	=	N	113	80	125	D	=	0.0401	0.231	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588653	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	17:25	100	26089	2691-41-0	HMX	HMX	2.28	2.01	mg/kg	1	0.0702	0.211	=	N	113	75	125	D	=	0.0702	0.211	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588707	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:03	100	26089	78-11-5	PETN	PETN	8.61	8.08	mg/kg	1	0.808	2.63	=	N	107	80	125	D	=	0.808	2.63	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588707	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:03	100	26089	55-63-0	NTG	Nitroglycerin	8.63	8.08	mg/kg	1	0.606	2.02	=	N	107	80	125	D	=	0.606	2.02	FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	588707	SW8330B	SW8330B	7/28/2008	9:55	8/3/2008	8/3/2008	12:30	8/6/2008	18:03	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	92.6	100	PERCENT	1			=	Y	92.6	81	117	W	=			FWDA-B1C	NONE	51642
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	589195	SW6010	SW3050	7/28/2008	9:55	8/6/2008	8/6/2008	9:30	8/7/2008	15:55	93.9	26119	7439-92-1	PB	Lead	57.8	47.9	mg/kg	1	0.117	0.394	=	N	137	75	125	D	=	0.117	0.394	FWDA-B1C	NONE	51728
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	589191	SW6010	SW3050	7/28/2008	14:06	8/6/2008	8/6/2008	9:30	8/7/2008	13:07	99.4	26118	7439-92-1	PB	Lead	31.4	36	mg/kg	1	0.111	0.372	=	N	82	75	125	D	=	0.111	0.372	FWDA-B1C	NONE	51727
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	13:45	100	26139	479-45-8	TETRYL	Tetryl	1.6	2.02	mg/kg	1	0.0706	0.232	=	N	79	10	150	D	=	0.0706	0.232	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	13:45	100	26139	121-82-4	RDX	RDX	1.62	2.02	mg/kg	1	0.0605	0.181	=	N	80	70	135	D	=	0.0605	0.181	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	13:45	100	26139	99-99-0	NBZME4	4-Nitrotoluene	1.81	2.02	mg/kg	1	0.0706	0.232	=	N	90	80	125	D	=	0.0706	0.232	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	13:45	100	26139	2691-41-0	HMX	HMX	1.85	2.02	mg/kg	1	0.0706	0.212	=	N	92	75	125	D	=	0.0706	0.212	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	13:45	100	26139	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	1.9	2.02	mg/kg	1	0.0605	0.181	=	N	94	80	125	D	=	0.0605	0.181	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	13:45	100	26139	98-95-3	NO2BZ	Nitrobenzene	1.91	2.02	mg/kg	1	0.0504	0.151	=	N	95	75	125	D	=	0.0504	0.151	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	13:45	100	26139	99-65-0	DNB13	1,3-Dinitrobenzene	1.94	2.02	mg/kg	1	0.0403	0.131	=	N	96	80	125	D	=	0.0403	0.131	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	13:45	100	26139	99-35-4	TNB135	1,3,5-Trinitrobenzene	1.94	2.02	mg/kg	1	0.0605	0.202	=	N	96	75	125	D	=	0.0605	0.202	FWDA-B1C	NONE	51837
4.3	CTLabs	68139	FWDA-B1C	FWDA-B1C	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/13/2008	13:45	100	26139	99-08-1	NBZME3	3-Nitrotoluene	1.94	2.02	mg/kg	1	0.0706	0.222	=	N	96	75	120	D	=	0.0706	0.222	FWDA-B1C	NONE	51837

4.3	CTLabs	68139	FWDA-B1	FWDA-B1	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/11/2008	13:45	100	26139	118-96-7	TNT	2,4,6-Trinitrotoluene	1.94	2.02	mg/kg	1	0.0806	0.242	=	N			96	55	140	D	=	0.0806	0.242	FWDA-B1	NONE				51837
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/11/2008	13:45	100	26139	121-14-2	DNT24	2,4-Dinitrotoluene	1.95	2.02	mg/kg	1	0.0403	0.232	=	N			97	80	125	D	=	0.0403	0.232	FWDA-B1	NONE				51837
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/11/2008	13:45	100	26139	88-72-2	NB2M12	2-Nitrotoluene	1.96	2.02	mg/kg	1	0.0504	0.141	=	N			97	80	125	D	=	0.0504	0.141	FWDA-B1	NONE				51837
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/11/2008	13:45	100	26139	528-29-0	DNB212	1,2-Dinitrobenzene	103	100	PERCENT	1			=	Y			103	81	117	W	=			FWDA-B1	NONE				51837
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/11/2008	13:45	100	26139	606-20-2	DNT26	2,6-Dinitrotoluene	2.02	2.02	mg/kg	1	0.0605	0.202	=	N			100	80	120	D	=	0.0605	0.202	FWDA-B1	NONE				51837
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	MS		Soil	590010	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/11/2008	13:45	100	26139	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	2.04	2.02	mg/kg	1	0.0806	0.252	=	N			101	80	125	D	=	0.0806	0.252	FWDA-B1	NONE				51837
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	MS		Soil	590013	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/11/2008	14:22	100	26139	78-11-5	PETN	PETN	6.58	7.94	mg/kg	1	0.794	2.62	=	N			83	80	125	D	=	0.794	2.62	FWDA-B1	NONE				51837
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	MS		Soil	590013	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/11/2008	14:22	100	26139	55-63-0	NTG	Nitroglycerin	7.34	7.94	mg/kg	1	0.596	2.01	=	N			92	80	125	D	=	0.596	2.01	FWDA-B1	NONE				51837
4.3	CTLabs	68139	FWDA-B1	FWDA-B1	MS		Soil	590013	SW8330B	SW8330B	7/28/2008	14:06	8/8/2008	8/8/2008	15:45	8/11/2008	14:22	100	26139	528-29-0	DNB212	1,2-Dinitrobenzene	84.2	100	PERCENT	1			=	Y			84.2	81	117	W	=			FWDA-B1	NONE				51837

Reviewer:	etk	File Name:	67874edd . csv	Comments:
Date:	08-18-08	Directory:	z:\pm working files\pdf file\et	

These are CAS - PARAMID combinations that are not in the VVL list: **qryVVL_CAS_ParamID**

Analyte	CAS	ParamID	LabSampleID
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Total Solids	SOLID	SOLID	582861
Total Solids	SOLID	SOLID	582862
Total Solids	SOLID	SOLID	582863
Total Solids	SOLID	SOLID	582864
Total Solids	SOLID	SOLID	582865
Total Solids	SOLID	SOLID	582866
Total Solids	SOLID	SOLID	582867

Total Solids	SOLID	SOLID	584674
Total Solids	SOLID	SOLID	584996
Total Solids	SOLID	SOLID	584997
Total Solids	SOLID	SOLID	584998
Total Solids	SOLID	SOLID	584999
Total Solids	SOLID	SOLID	585000
Total Solids	SOLID	SOLID	585001
Total Solids	SOLID	SOLID	585002
Total Solids	SOLID	SOLID	585003
Total Solids	SOLID	SOLID	585004
Total Solids	SOLID	SOLID	585005
Total Solids	SOLID	SOLID	585006
Total Solids	SOLID	SOLID	585007
Total Solids	SOLID	SOLID	585874
Total Solids	SOLID	SOLID	585885
Total Solids	SOLID	SOLID	585887
Total Solids	SOLID	SOLID	585888
Total Solids	SOLID	SOLID	585890
Total Solids	SOLID	SOLID	585891
Total Solids	SOLID	SOLID	585892
Total Solids	SOLID	SOLID	585893
Total Solids	SOLID	SOLID	585894
Total Solids	SOLID	SOLID	585895
Total Solids	SOLID	SOLID	585896
Total Solids	SOLID	SOLID	585897
Total Solids	SOLID	SOLID	585898
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Total Solids	SOLID	SOLID	585900
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Total Solids	SOLID	SOLID	585902
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Total Solids	SOLID	SOLID	588139
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Total Solids	SOLID	SOLID	589988

These Methods are null or invalid values:

qryVVL_Method

AnalysisMethod	LabSampleID
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SW8330B	588702
SW8330B	588705

VersionCo	LabName	SDG	FieldID	NativeID	QAQCType	LRType	Matrix	LabSample	AnalysisM	Extraction	SampleDate	SampleTim	ReceiveDate	ExtractDate	ExtractTim	AnalysisDate	AnalysisTi	PercentSo	LabLotCtlN	CAS	ParamID	Analyte	Result	ExpectedV	Units	Dilution	MDL	RL	LabQualifi	Surrogate	Comments	ParValUnc	Recovery	LowerCon	UpperCon	Basis	ConcQual	MDLAdjus	RLAdjuste	Client_San	LeachMet	LeachDate	LeachTime	LeachLot	AnalysisLo	CalRefID
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	19406-51-	A4DNT26	4-Amino-2	10	10	ug/L	1			=	N			100	55	155	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	121-82-4	RDX	RDX	10.1	10	ug/L	1			=	N			101	50	160	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	606-20-2	DNT26	2,6-Dinitro	10.2	10	ug/L	1			=	N			102	60	135	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	99-35-4	TNB135	1,3,5-Trini	10.2	10	ug/L	1			=	N			102	65	140	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	99-65-0	DNB13	1,3-Dinitro	10.3	10	ug/L	1			=	N			103	45	160	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	121-14-2	DNT24	2,4-Dinitro	10.3	10	ug/L	1			=	N			103	60	135	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	479-45-8	TETRYL	Tetryl	10.4	10	ug/L	1			=	N			104	20	175	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	118-96-7	TNT	2,4,6-Trini	10.4	10	ug/L	1			=	N			104	50	145	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	98-95-3	NO2BZ	Nitrobenze	10.5	10	ug/L	1			=	N			105	50	140	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	88-72-2	NBZME2	2-Nitrotolu	9.64	10	ug/L	1			=	N			96	45	135	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	99-08-1	NBZME3	3-Nitrotolu	9.7	10	ug/L	1			=	N			97	50	130	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	99-99-0	NBZME4	4-Nitrotolu	9.7	10	ug/L	1			=	N			97	50	130	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	35572-78-	A2DNT46	2-Amino-4	9.96	10	ug/L	1			=	N			100	50	155	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	2691-41-0	HMX	HMX	9.96	10	ug/L	1			=	N			100	80	115	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	528-29-0	DNBZ12	1,2-Dinitro	96.4	100	PERCENT	1			=	Y			96.4	50	150	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583989	583989	BD		WATER	583989	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	17:27	0	25970	78-11-5	PETN	PETN	39.3	40	ug/L	1			=	N			98	50	150	X	=			583989	NONE				51362	
4.3	CTLabs	67874	583989	583989	BD		WATER	583989	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	17:27	0	25970	55-63-0	NTG	Nitroglyce	40.9	40	ug/L	1			=	N			102	50	150	X	=			583989	NONE				51362	
4.3	CTLabs	67874	583989	583989	BD		WATER	583989	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	17:27	0	25970	528-29-0	DNBZ12	1,2-Dinitro	93.6	100	PERCENT	1			=	Y			93.6	50	150	X	=			583989	NONE				51362	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	35572-78-	A2DNT46	2-Amino-4	10.1	10	ug/L	1			=	N			101	50	155	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	2691-41-0	HMX	HMX	10.4	10	ug/L	1			=	N			104	80	115	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	528-29-0	DNBZ12	1,2-Dinitro	107	100	PERCENT	1			=	Y			107	50	150	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	479-45-8	TETRYL	Tetryl	8.68	10	ug/L	1			=	N			87	20	175	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	19406-51-	A4DNT26	4-Amino-2	8.8	10	ug/L	1			=	N			88	55	155	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	88-72-2	NBZME2	2-Nitrotolu	9.04	10	ug/L	1			=	N			90	45	135	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	98-95-3	NO2BZ	Nitrobenze	9.42	10	ug/L	1			=	N			94	50	140	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	606-20-2	DNT26	2,6-Dinitro	9.42	10	ug/L	1			=	N			94	60	135	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	99-99-0	NBZME4	4-Nitrotolu	9.64	10	ug/L	1			=	N			96	50	130	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	99-08-1	NBZME3	3-Nitrotolu	9.64	10	ug/L	1			=	N			96	50	130	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	121-82-4	RDX	RDX	9.64	10	ug/L	1			=	N			96	50	160	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	99-65-0	DNB13	1,3-Dinitro	9.66	10	ug/L	1			=	N			97	45	160	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	99-35-4	TNB135	1,3,5-Trini	9.74	10	ug/L	1			=	N			97	65	140	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	118-96-7	TNT	2,4,6-Trini	9.84	10	ug/L	1			=	N			98	50	145	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	121-14-2	DNT24	2,4-Dinitro	9.9	10	ug/L	1			=	N			99	60	135	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586060	586060	BD		WATER	586060	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	15:11	0	26053	78-11-5	PETN	PETN	38.3	40	ug/L	1			=	N			96	50	150	X	=			586060	NONE				51622	
4.3	CTLabs	67874	586060	586060	BD		WATER	586060	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	15:11	0	26053	55-63-0	NTG	Nitroglyce	41.3	40	ug/L	1			=	N			103	50	150	X	=			586060	NONE				51622	
4.3	CTLabs	67874	586060	586060	BD		WATER	586060	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	15:11	0	26053	528-29-0	DNBZ12	1,2-Dinitro	85.4	100	PERCENT	1			=	Y			85.4	50	150	X	=			586060	NONE				51622	
4.3	CTLabs	67874	586656	586656	BD		WATER	586656	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:41	0	26065	12674-11-	PCB1016	Aroclor 10	2.28	5	ug/L	1			=	N			46	58	141	X	=			586656	NONE				51637	
4.3	CTLabs	67874	586656	586656	BD		WATER	586656	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:41	0	26065	11096-82-	PCB1260	Aroclor 12	3.06	5	ug/L	1			=	N			61	71	143	X	=			586656	NONE				51637	
4.3	CTLabs	67874	586656	586656	BD		WATER	586656	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:41	0	26065	877-09-8	XYL2456Cl	Tetrachlor	38.1	100	PERCENT	1			#NAME?	Y			38.1	50	150	X	=			586656	NONE				51637	
4.3	CTLabs	67874	586656	586656	BD		WATER	586656	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:41	0	26065	2051-24-3	CL10BZ2	Decachlor	73.2	100	PERCENT	1			=	Y			73.2	50	150	X	=			586656	NONE				51637	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	2691-41-0	HMX	HMX	8.86	10	ug/L	1			=	N			89	80	115	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	88-72-2	NBZME2	2-Nitrotolu	8.94	10	ug/L	1			=	N			89	45	135	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	35572-78-	A2DNT46	2-Amino-4	8.96	10	ug/L	1			=	N			90	50	155	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	99-99-0	NBZME4	4-Nitrotolu	8.98	10	ug/L	1			=	N			90	50	130	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	121-82-4	RDX	RDX	9.06	10	ug/L	1			=	N			91	50	160	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	99-08-1	NBZME3	3-Nitrotolu	9.1	10	ug/L	1			=	N			91	50	130	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	19406-51-	A4DNT26	4-Amino-2	9.18	10	ug/L	1			=	N			92	55	155	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	606-20-2	DNT26	2,6-Dinitro	9.24	10	ug/L	1			=	N			92	60	135	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	121-14-2	DNT24	2,4-Dinitro	9.5	10	ug/L	1			=	N			95	60	135	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	99-65-0	DNB13	1,3-Dinitro	9.62	10	ug/L	1			=	N			96	45	160	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	99-35-4	TNB135	1,3,5-Trini	9.62	10	ug/L	1			=	N			96	65	140	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	479-45-8	TETRYL	Tetryl	9.68	10	ug/L	1			=	N			97	20	175	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	118-96-7	TNT	2,4,6-Trini	9.72	10	ug/L	1			=	N			97	50	145	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	98-95-3	NO2BZ	Nitrobenze	9.78	10	ug/L	1			=	N			98	50	140	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	528-29-0	DNBZ12	1,2-Dinitro	96.4	100	PERCENT	1			=	Y			96.4	50	150	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583988	583988	BS		WATER	583988	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:15	0	25970	55-63-0	NTG	Nitroglyce	37.3	40	ug/L	1			=	N			93	50	150	X	=			583988	NONE				51362	
4.3	CTLabs	67874	583988	583988	BS		WATER	583988	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:15	0	25970	78-11-5	PETN	PETN	39.8	40	ug/L	1			=	N			100	50	150	X	=			583988	NONE				51362	
4.3	CTLabs	67874	583988	583988	BS		WATER	583988	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:15	0	25970	528-29-0	DNBZ12	1,2-Dinitro	90.3	100	PERCENT	1			=	Y			90.3	50	150	X	=			583988	NONE				51362	
4.3	CTLabs	67874	584009	584009	BS		WATER	584009	SW6010	TOTAL	7/23/2008	0	7/23/2008	7/23/2008	9:30	7/24/2008	17:05	0	25972	7439-92-1	PB	Lead	983	1000	ug/L	1			=	N			98	80	120	X	=			584009	NONE				51383	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	479-45-8	TETRYL	Tetryl	1.7	2	mg/kg	1			=	N			85	10	150	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	99-35-4	TNB135	1,3,5-Trini	1.72	2	mg/kg	1			=	N			86	75	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	99-65-0	DNB13	1,3-Dinitro	1.77	2	mg/kg	1			=	N			88	80	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	118-96-7	TNT	2,4,6-Trini	1.8	2	mg/kg	1			=	N			90	55	140	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	121-82-4	RDX	RDX	1.8	2	mg/kg	1			=	N			90	70	135	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	88-72-2	NBZME2	2-Nitrotolu	1.84	2	mg/kg	1			=	N			92	80	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	99-99-0	NBZME4	4-Nitrotolu	1.86	2	mg/kg	1			=	N			93	75	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	98-95-3	NO2BZ	Nitrobenze	1.87	2	mg/kg	1			=	N			94	75	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	99-08-1	NBZME3	3-Nitrotolu	1.89	2	mg/kg	1			=	N			94	75	120	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	35572-78-	A2DNT46	2-Amino-4	1.89	2	mg/kg	1			=	N			94	80	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	121-14-2	DNT24	2,4-Dinitro	1.9	2	mg/kg	1			=	N			95	80	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	2691-41-0	HMX	HMX	1.92	2	mg/kg	1			=	N			96	75	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	19406-51-	A4DNT26	4-Amino-2	1.97	2	mg/kg	1			=	N			98	80	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	606-20-2	DNT26	2,6-Dinitro	2	2	mg/kg	1			=	N			100	80	120	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	0	25999	528-29-0	DNBZ12	1,2-Dinitro	95.2	100	PERCENT	1			=	Y			95.2	81	117	W	=			584471	NONE				51469	
4.3	CTLabs	67874	584476	584476	BS		Soil	584476	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:36	0	25999	528-29-0	DNBZ12	1,2-Dinitro	110	100	PERCENT	1			=	Y			110	81	117	W	=			584476	NONE				51469	
4.3	CTLabs	67874	584476	584476	BS		Soil	584476	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:36	100	25999	78-11-5	PETN	PETN	7.66	8	mg/kg	1			=	N			96	80	120	D	=			584476	NONE				51469	
4.3	CTLabs	67874	584476	584476	BS		Soil	584476	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:36	100	25999	55-63-0	NTG	Nitroglyce	7.69	8	mg/kg	1			=	N			96	80	120	D	=			584476	NONE				51469	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	98-95-3	NO2BZ	Nitrobenze	10.1	10	ug/L	1			=	N			101	50	140	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	528-29-0	DNBZ12	1,2-Dinitro	113	100	PERCENT	1			=	Y			113	50	150	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	88-72-2	NBZME2	2-Nitrotolu	8.42	10	ug/L	1			=	N			84	45	135	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	479-45-8	TETRYL	Tetryl	8.64	10	ug/L	1			=	N			86	20	175	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	99-99-0	NBZME4	4-Nitrotolu	8.7	10	ug/L	1			=	N			87	50	130	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	606-20-2	DNT26	2,6-Dinitro	8.94	10	ug/L	1			=	N			89	60	135	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	19406-51-	A4DNT26	4-Amino-2	8.96	10	ug/L	1			=	N			90	55	155	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	99-08-1	NBZME3	3-Nitrotolu	9.06	10	ug/L	1			=	N			91	50	130	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	121-82-4	RDX	RDX	9.18	10	ug/L	1			=	N			92	50	160	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	99-65-0	DNB13	1,3-Dinitro	9.6	10	ug/L	1			=	N			96	45	160	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	121-14-2	DNT24	2,4-Dinitro	9.6	10	ug/L	1			=	N			96	60	135	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	35572-78-	A2DNT46	2-Amino-4	9.62	10	ug/L	1			=	N			96	50	155	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	2691-41-0	HMX	HMX	9.68	10	ug/L	1			=	N			97	80	115	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	118-96-7	TNT	2,4,6-Trini	9.82	10	ug/L	1			=	N			98	50	145	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	99-35-4	TNB135	1,3,5-Trini	9.82	10	ug/L	1			=	N			98	65	140	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586059	586059	BS		WATER	586059	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:56	0	26053	55-63-0	NTG	Nitroglyce	41	40	ug/L	1			=	N			102	50	150	X	=			586059	NONE				51622	
4.3	CTLabs	67874	586059	586059	BS		WATER	586059	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:56	0	26053	78-11-5	PETN	PETN	41.2	40	ug/L	1			=	N			103	50	150	X	=			586059	NONE				51622	
4.3	CTLabs	67874	586059	586059	BS		WATER	586059	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:56	0	26053	528-29-0	DNBZ12	1,2-Dinitro	84.5	100	PERCENT	1			=	Y			84.5	50	150	X	=			586059	NONE				51622	
4.3	CTLabs	67874	586501	586501	BS		Soil	586501	SW6010	SW3050	7/31/2008	0	7/31/2008	7/31/2008	11:00	8/4/2008	19:38	0	26060	7439-92-1	PB	Lead	24.2	25	mg/kg	1			=	N			97	80	120	W	=			586501	NONE				51629	
4.3	CTLabs	67874	586655	586655	BS		WATER	586655	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:32	0	26065	12674-11-	PCB1016	Aroclor 10	2.72	5	ug/L	1			=	N			54	58	141	X	=			586655	NONE				51637	
4.3	CTLabs	67874	586655	586655	BS		WATER	586655	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:32	0	26065	11096-82-	PCB1260	Aroclor 12	3.01	5	ug/L	1			=	N			60	71	143	X	=			586655	NONE				51637	
4.3	CTLabs	67874	586655	586655	BS		WATER	586655	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:32	0	26065	877-09-8	XYL2456Cl	Tetrachlor	47.1	100	PERCENT	1			#NAME?	Y			47.1	50	150	X	=			586655	NONE				51637	
4.3	CTLabs	67874	586655	586655	BS		WATER	586655	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:32	0	26065	2051-24-3	CL10BZ2	Decachlor	73.3	100	PERCENT	1			=	Y			73.3	50	150	X	=			586655	NONE				51637	
4.3	CTLabs	67874	587716	587716	BS		WATER	587716	SW6010	TOTAL	7/31/2008	0	7/31/2008	7/31/2008	17:00	8/2/2008	18:45	0	26074	7439-92-1	PB	Lead	973	1000	ug/L	1			=	N			97	80	120	X	=			587716	NONE				51627	
4.3	CTLabs	67874	588135	588135	BS		Soil	588135	SW6010	SW3050	7/31/2008	0	7/31/2008	7/31/2008	15:00	8/4/2008	16:40	0	26077	7439-92-1	PB	Lead	24.3	25	mg/kg	1			=	N			97	80	120	W	=			588135	NONE				51628	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	479-45-8	TETRYL	Tetryl	1.26	2	mg/kg	1			=	N			63	10	150	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-99-0	NBZME4	4-Nitrotolu	1.88	2	mg/kg	1			=	N			94	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-65-0	DNB13	1,3-Dinitro	1.96	2	mg/kg	1			=	N			98	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	88-72-2	NBZME2	2-Nitrotolu	1.99	2	mg/kg	1			=	N			100	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	0	26089	528-29-0	DNBZ12	1,2-Dinitro	106	100	PERCENT	1			=	Y			106	81	117	W	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	121-82-4	RDX	RDX	2.02	2	mg/kg	1			=	N			101	70	135	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-35-4	TNB135	1,3,5-Trini	2.03	2	mg/kg	1			=	N			102	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	118-96-7	TNT	2,4,6-Trini	2.04	2	mg/kg	1			=	N			102	55	140	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-08-1	NBZME3	3-Nitrotolu	2.04	2	mg/kg	1			=	N			102	75	120	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	98-95-3	NO2BZ	Nitrobenze	2.06	2	mg/kg	1			=	N			103	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	606-20-2	DNT26	2,6-Dinitro	2.12	2	mg/kg	1			=	N			106	80	120	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	2691-41-0	HMX	HMX	2.18	2	mg/kg	1			=	N			109	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	35572-78-	A2DNT46	2-Amino-4	2.19	2	mg/kg	1			=	N			110	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	19406-51-	A4DNT26	4-Amino-2	2.2	2	mg/kg	1			=	N			110	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	121-14-2	DNT24	2,4-Dinitro	2.28	2	mg/kg	1			=	N			114	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	479-45-8	TETRYL	Tetryl	1.35	2	mg/kg	1			=	N			68	10	150	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	99-99-0	NBZME4	4-Nitrotolu	1.77	2	mg/kg	1			=	N			88	75	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	118-96-7	TNT	2,4,6-Trini	1.79	2	mg/kg	1			=	N			90	55	140	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	99-08-1	NBZME3	3-Nitrotolu	1.82	2	mg/kg	1			=	N			91	75	120	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	98-95-3	NO2BZ	Nitrobenze	1.82	2	mg/kg	1			=	N			91	75	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	88-72-2	NBZME2	2-Nitrotolu	1.82	2	mg/kg	1			=	N			91	80	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	121-82-4	RDX	RDX	1.85	2	mg/kg	1			=	N			92	70	135	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	606-20-2	DNT26	2,6-Dinitro	1.89	2	mg/kg	1			=	N			94	80	120	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	99-65-0	DNB13	1,3-Dinitro	1.89	2	mg/kg	1			=	N			94	80	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	2691-41-0	HMX	HMX	1.95	2	mg/kg	1			=	N			98	75	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	99-35-4	TNB135	1,3,5-Trini	1.96	2	mg/kg	1			=	N			98	75	125	D	=			588684	NONE				51630	

4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	0	26095	528-29-0	DNBZ12	1,2-Dinitro	112	100	PERCENT	1			=	Y			112	81	117	W	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	35572-78-	A2DNT46	2-Amino-4	2.03	2	mg/kg	1			=	N			102	80	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	121-14-2	DNT24	2,4-Dinitro	2.04	2	mg/kg	1			=	N			102	80	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	19406-51-	A4DNT26	4-Amino-2	2.1	2	mg/kg	1			=	N			105	80	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588687	588687	BS		Soil	588687	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	11:12	100	26095	78-11-5	PETN	PETN	8.36	8	mg/kg	1			=	N			104	80	120	D	=			588687	NONE				51630	
4.3	CTLabs	67874	588687	588687	BS		Soil	588687	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	11:12	100	26095	55-63-0	NTG	Nitroglyce	8.56	8	mg/kg	1			=	N			107	80	120	D	=			588687	NONE				51630	
4.3	CTLabs	67874	588687	588687	BS		Soil	588687	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	11:12	0	26095	528-29-0	DNBZ12	1,2-Dinitro	90.1	100	PERCENT	1			=	Y			90.1	81	117	W	=			588687	NONE				51630	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	479-45-8	TETRYL	Tetryl	1.88	2	mg/kg	1			=	N			94	10	150	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	2691-41-0	HMX	HMX	1.9	2	mg/kg	1			=	N			95	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	35572-78-	A2DNT46	2-Amino-4	1.98	2	mg/kg	1			=	N			99	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	0	26096	528-29-0	DNBZ12	1,2-Dinitro	109	100	PERCENT	1			=	Y			109	81	117	W	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	121-14-2	DNT24	2,4-Dinitro	2	2	mg/kg	1			=	N			100	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-35-4	TNB135	1,3,5-Trini	2.05	2	mg/kg	1			=	N			102	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	98-95-3	NO2BZ	Nitrobenze	2.05	2	mg/kg	1			=	N			102	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	606-20-2	DNT26	2,6-Dinitro	2.07	2	mg/kg	1			=	N			104	80	120	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	121-82-4	RDX	RDX	2.08	2	mg/kg	1			=	N			104	70	135	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-65-0	DNB13	1,3-Dinitro	2.1	2	mg/kg	1			=	N			105	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	19406-51-	A4DNT26	4-Amino-2	2.12	2	mg/kg	1			=	N			106	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-99-0	NBZME4	4-Nitrotolu	2.13	2	mg/kg	1			=	N			106	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-08-1	NBZME3	3-Nitrotolu	2.15	2	mg/kg	1			=	N			108	75	120	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	88-72-2	NBZME2	2-Nitrotolu	2.16	2	mg/kg	1			=	N			108	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	118-96-7	TNT	2,4,6-Trini	2.23	2	mg/kg	1			=	N			112	55	140	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:54	100	26096	78-11-5	PETN	PETN	6.4	8	mg/kg	1			=	N			80	80	120	D	=			588697	NONE				51774	
4.3	CTLabs	67874	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:54	100	26096	55-63-0	NTG	Nitroglyce	7.38	8	mg/kg	1			=	N			92	80	120	D	=			588697	NONE				51774	
4.3	CTLabs	67874	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:54	0	26096	528-29-0	DNBZ12	1,2-Dinitro	81.5	100	PERCENT	1			=	Y			81.5	81	117	W	=			588697	NONE				51774	
4.3	CTLabs	67874	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	78-11-5	PETN	PETN	8.47	8	mg/kg	1			=	N			106	80	120	D	=			588705	NONE				51642	
4.3	CTLabs	67874	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	55-63-0	NTG	Nitroglyce	8.86	8	mg/kg	1			=	N			111	80	120	D	=			588705	NONE				51642	
4.3	CTLabs	67874	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	528-29-0	DNBZ12	1,2-Dinitro	98.8	100	PERCENT	1			=	Y			98.8	81	117	W	=			588705	NONE				51642	
4.3	CTLabs	67874	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	100	26111	12674-11-	PCB1016	Aroclor 10	465	500	ug/kg	1			=	N			93	53	143	W	=			589041	NONE				51733	
4.3	CTLabs	67874	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	100	26111	11096-82-	PCB1260	Aroclor 12	488	500	ug/kg	1			=	N			98	71	134	W	=			589041	NONE				51733	
4.3	CTLabs	67874	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	0	26111	877-09-8	XYL2456CL	Tetrachlor	86.9	100	PERCENT	1			=	Y			86.9	50	150	W	=			589041	NONE				51733	
4.3	CTLabs	67874	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	0	26111	2051-24-3	CL10BZ2	Decachloro	98.4	100	PERCENT	1			=	Y			98.4	50	150	W	=			589041	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	EB		WATER	585905	SW8082	SW3510	7/24/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	11104-28-	PCB1221	Aroclor 12	0.24		ug/L	1	0.072	0.24	U	N						X	U	0.072	0.24	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	EB		WATER	585905	SW8082	SW3510	7/24/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	11097-69-	PCB1254	Aroclor 12	0.26		ug/L	1	0.077	0.25	U	N						X	U	0.077	0.26	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	EB		WATER	585905	SW8082	SW3510	7/24/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	53469-21-	PCB1242	Aroclor 12	0.33		ug/L	1	0.097	0.32	U	N						X	U	0.097	0.33	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	EB		WATER	585905	SW8082	SW3510	7/24/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	12674-11-	PCB1016	Aroclor 10	0.38		ug/L	1	0.12	0.38	UQ	N						X	U	0.12	0.38	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	EB		WATER	585905	SW8082	SW3510	7/24/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	11096-82-	PCB1260	Aroclor 12	0.39		ug/L	1	0.12	0.38	UQ	N						X	U	0.12	0.39	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	EB		WATER	585905	SW8082	SW3510	7/24/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	12672-29-	PCB1248	Aroclor 12	0.4		ug/L	1	0.12	0.39	U	N						X	U	0.12	0.4	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	EB		WATER	585905	SW8082	SW3510	7/24/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	11141-16-	PCB1232	Aroclor 12	0.47		ug/L	1	0.14	0.47	U	N						X	U	0.14	0.47	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	EB		WATER	585905	SW8082	SW3510	7/24/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	877-09-8	XYL2456CL	Tetrachlor	48	100	PERCENT	1			#NAME?	Y			48	50	150	X	=			FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	EB		WATER	585905	SW8082	SW3510	7/24/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	2051-24-3	CL10BZ2	Decachloro	71	100	PERCENT	1			=	Y			71	50	150	X	=			FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW6010	TOTAL	7/22/2008	14:48	7/28/2008	7/31/2008	17:00	8/2/2008	18:57	0	26074	7439-92-1	PB	Lead	3.3		ug/L	1	1.4	4.6	J	N						X	J	1.4	4.6	FWDA-EB	NONE				51627	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	479-45-8	TETRYL	Tetryl	0.7		ug/L	1	0.2	0.7	U	N						X	U	0.2	0.7	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	35572-78-	A2DNT46	2-Amino-4	0.8		ug/L	1	0.3	0.8	U	N						X	U	0.3	0.8	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	99-65-0	DNB13	1,3-Dinitro	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	606-20-2	DNT26	2,6-Dinitro	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	19406-51-	A4DNT26	4-Amino-2	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	99-99-0	NBZME4	4-Nitrotolu	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	2691-41-0	HMX	HMX	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	98-95-3	NO2BZ	Nitrobenze	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	88-72-2	NBZME2	2-Nitrotolu	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	121-14-2	DNT24	2,4-Dinitro	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	118-96-7	TNT	2,4,6-Trini	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	99-08-1	NBZME3	3-Nitrotolu	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	55-63-0	NTG	Nitroglyce	7.7		ug/L	1	2.3	7.7	U	N						X	U	2.3	7.7	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	78-11-5	PETN	PETN	15		ug/L	1	4.4	15	U	N						X	U	4.4	15	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	121-82-4	RDX	RDX	0.94		ug/L	1	0.3	0.7	#NAME?	N						X	=	0.3	0.7	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	99-35-4	TNB135	1,3,5-Trini	2		ug/L	1	0.3	0.8	#NAME?	N						X	=	0.3	0.8	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	528-29-0	DNBZ12	1,2-Dinitro	91	100	PERCENT	1			=	Y			91	50	150	X	=			FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW6010	TOTAL	7/24/2008	9:49	7/28/2008	7/31/2008	17:00	8/2/2008	19:26	0	26074	7439-92-1	PB	Lead	4.4		ug/L	1	1.4	4.6	J	N						X	J	1.4	4.6	FWDA-EB	NONE				51627	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	479-45-8	TETRYL	Tetryl	0.7		ug/L	1	0.2	0.7	U	N						X	U	0.2	0.7	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	35572-78-	A2DNT46	2-Amino-4	0.8		ug/L	1	0.3	0.8	U	N						X	U	0.3	0.8	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	99-65-0	DNB13	1,3-Dinitro	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	606-20-2	DNT26	2,6-Dinitro	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	19406-51-	A4DNT26	4-Amino-2	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	99-99-0	NBZME4	4-Nitrotolu	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	2691-41-0	HMX	HMX	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	98-95-3	NO2BZ	Nitrobenze	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	88-72-2	NBZME2	2-Nitrotolu	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	121-14-2	DNT24	2,4-Dinitro	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	118-96-7	TNT	2,4,6-Trini	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	99-08-1	NBZME3	3-Nitrotolu	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	55-63-0	NTG	Nitroglyce	7.7		ug/L	1	2.3	7.7	U	N						X	U	2.3	7.7	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	78-11-5	PETN	PETN	15		ug/L	1	4.4	15	U	N						X	U	4.4	15	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	121-82-4	RDX	RDX	1.2		ug/L	1	0.3	0.7	#NAME?	N						X	=	0.3	0.7	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	99-35-4	TNB135	1,3,5-Trini	2.4		ug/L	1	0.3	0.8	#NAME?	N						X	=	0.3	0.8	FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	EB		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	528-29-0	DNBZ12	1,2-Dinitro	91	100	PERCENT	1			=	Y			91	50	150	X	=			FWDA-EB	NONE				51622	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW6010	TOTAL	7/17/2008	9:51	7/21/2008	7/23/2008	9:30	7/24/2008	17:17	0	25972	7439-92-1	PB	Lead	4.6		ug/L	1	1.4	4.6	U	N						X	U	1.4	4.6	FWDA-Y-E	NONE				51383	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	479-45-8	TETRYL	Tetryl	0.7		ug/L	1	0.2	0.7	U	N						X	U	0.2	0.7	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	35572-78-	A2DNT46	2-Amino-4	0.8		ug/L	1	0.3	0.8	U	N						X	U	0.3	0.8	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	99-65-0	DNB13	1,3-Dinitro	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	606-20-2	DNT26	2,6-Dinitro	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	19406-51-	A4DNT26	4-Amino-2	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	99-99-0	NBZME4	4-Nitrotolu	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	98-95-3	NO2BZ	Nitrobenze	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	88-72-2	NBZME2	2-Nitrotolu	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	121-14-2	DNT24	2,4-Dinitro	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	118-96-7	TNT	2,4,6-Trini	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	99-08-1	NBZME3	3-Nitrotolu	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	55-63-0	NTG	Nitroglyce	7.7		ug/L	1	2.3	7.7	U	N						X	U	2.3	7.7	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	78-11-5	PETN	PETN	15		ug/L	1	4.4	15	U	N						X	U	4.4	15	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	2691-41-0	HMX	HMX	0.54		ug/L	1	0.3	0.9	JP	N						X	J	0.3	0.9	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	121-82-4	RDX	RDX	0.94		ug/L	1	0.3	0.7	#NAME?	N						X	=	0.3	0.7	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	99-35-4	TNB135	1,3,5-Trini	1.5		ug/L	1	0.3	0.8	#NAME?	N						X	=	0.3	0.8	FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	EB		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02		25970	528-29-0	DNBZ12	1,2-Dinitro	89	100	PERCENT	1			=	Y			89	50	150	X	=			FWDA-Y-E	NONE				51362	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW6010	SW3050	7/22/2008	8:59	7/24/2008	7/31/2008	15:00	8/4/2008	16:52	97.2	26077	7439-92-1	PB	Lead	4.1		mg/kg	1	0.1069	0.3694	=	N						D	=	0.11	0.38	FWDA-AO	NONE				51628	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0389	0.13	U	N						D	U	0.04	0.13	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0486	0.14	U	N						D	U	0.05	0.14	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0486	0.15	U	N						D	U	0.05	0.15	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0583	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0583	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0583	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.068	0.21	U	N						D	U	0.07	0.21	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.068	0.22	U	N						D	U	0.07	0.22	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.068	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0778	0.24	U	N						D	U	0.08	0.24	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5832	2	U	N						D	U	0.6	2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7776	2.6	U	N						D	U	0.8	2.6	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	479-45-8	TETRYL	Tetryl	0.08		mg/kg	1	0.068	0.23	JP	N						D	J	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	606-20-2	DNT26	2,6-Dinitro	0.13		mg/kg	1	0.0583	0.2	JP	N						D	J	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	121-14-2	DNT24	2,4-Dinitro	0.14		mg/kg	1	0.0389	0.23	JP	N						D	J	0.04	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	19406-51-	A4DNT26	4-Amino-2	0.14		mg/kg	1	0.0778	0.25	JP	N						D	J	0.08	0.25	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	528-29-0	DNBZ12	1,2-Dinitro	89	100	PERCENT	1			=	Y			89	50	150	W	=			FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585904	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	53469-21-	PCB1242	Aroclor 12	34		ug/kg	1	9.91	34	U	N						D	U	10	34	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585904	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	11104-28-	PCB1221	Aroclor 12	41		ug/kg	1	11.892	41	U	N						D	U	12	41	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585904	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	11141-16-	PCB1232	Aroclor 12	47		ug/kg	1	13.874	47	U	N						D	U	14	47	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585904	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	11097-69-	PCB1254	Aroclor 12	10		ug/kg	1	2.973	10	U	N						D	U	3	10	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585904	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	11096-82-	PCB1260	Aroclor 12	19		ug/kg	1	5.946	19	U	N						D	U	6	19	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585904	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	12672-29-	PCB1248	Aroclor 12	29		ug/kg	1	8.919	29	U	N						D	U	9	29	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585904	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	12674-11-	PCB1016	Aroclor 10	31		ug/kg	1	8.919	31	U	N						D	U	9	31	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585904	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	877-09-8	XYL2456CL	Tetrachlor	74	100	PERCENT	1			=	Y			74	50	150	W	=			FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585904	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	2051-24-3	CL10BZ2	Decachloro	89	100	PERCENT	1			=	Y			89	50	150	W	=			FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW6010	SW3050	7/24/2008	8:00	7/28/2008	7/31/2008	15:00	8/4/2008	18:08	98	26077	7439-92-1	PB	Lead	12.5		mg/kg	1	0.1078	0.3724	=	N						D	=	0.11	0.38	FWDA-AO	NONE				51628	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0392	0.13	U	N						D	U	0.04	0.13	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.049	0.14	U	N						D	U	0.05	0.14	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.049	0.15	U	N						D	U	0.05	0.15	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0588	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0686	0.21	U	N						D	U	0.07	0.21	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0686	0.22	U	N						D	U	0.07	0.22	FWDA-AO	NONE				51630	

4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0686	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0686	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0784	0.24	U	N						D	U	0.08	0.24	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0784	0.25	U	N						D	U	0.08	0.25	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.588	2	U	N						D	U	0.6	2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.784	2.6	U	N						D	U	0.8	2.6	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	121-82-4	RDX	RDX	0.089		mg/kg	1	0.0588	0.18	JP	N						D	J	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	99-35-4	TNB135	1,3,5-Trini	0.1		mg/kg	1	0.0588	0.2	JP	N						D	J	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	121-14-2	DNT24	2,4-Dinitro	0.15		mg/kg	1	0.0392	0.23	JP	N						D	J	0.04	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	606-20-2	DNT26	2,6-Dinitro	0.24		mg/kg	1	0.0588	0.2	#NAME?	N						D	=	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	FD		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	528-29-0	DNBZ12	1,2-Dinitro	96	100	PERCENT	1			=	Y			96	50	150	W	=			FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW6010	SW3050	7/17/2008	8:14	7/21/2008	7/31/2008	11:00	8/4/2008	20:22	96	26060	7439-92-1	PB	Lead	5.5		mg/kg	1	0.1056	0.3744	=	N						D	=	0.11	0.39	FWDA-Y-B	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0384	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0384	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.048	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.048	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0576	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0576	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0576	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0576	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0672	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0672	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0672	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0672	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0768	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0768	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.576	2	U	N						D	U	0.6	2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.768	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	FD		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	528-29-0	DNBZ12	1,2-Dinitro	81	100	PERCENT	1			=	Y			81	50	150	W	=			FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	78-11-5	PETN	PETN	4.4	0	ug/L	1	4.4		U	N				-1	4.4	X	U	4.4		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	479-45-8	TETRYL	Tetryl	0.2	0	ug/L	1	0.2		U	N				-1	0.2	X	U	0.2		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	99-65-0	DNB13	1,3-Dinitro	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	99-35-4	TNB135	1,3,5-Trini	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	35572-78-	A2DNT46	2-Amino-4	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	88-72-2	NBZME2	2-Nitrotolu	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	121-14-2	DNT24	2,4-Dinitro	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	118-96-7	TNT	2,4,6-Trini	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	606-20-2	DNT26	2,6-Dinitro	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	99-08-1	NBZME3	3-Nitrotolu	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	19406-51-	A4DNT26	4-Amino-2	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	99-99-0	NBZME4	4-Nitrotolu	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	2691-41-0	HMX	HMX	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	98-95-3	NO2BZ	Nitrobenze	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	121-82-4	RDX	RDX	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	55-63-0	NTG	Nitroglyce	2.3	0	ug/L	1	2.3		U	N				-1	2.3	X	U	2.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	528-29-0	DNBZ12	1,2-Dinitro	91.3	100	PERCENT	1			=	Y			91.3	50	150	X	=			583952	NONE				51362	
4.3	CTLabs	67874	584008	584008	LB		WATER	584008	SW6010	TOTAL	7/23/2008	0	7/23/2008	7/23/2008	9:30	7/24/2008	17:11	0	25972	7439-92-1	PB	Lead	4.1	0	ug/L	1	1.4		=	N				-10	1.4	X	=	1.4		584008	NONE				51383	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	99-65-0	DNB13	1,3-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	121-14-2	DNT24	2,4-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	88-72-2	NBZME2	2-Nitrotolu	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	98-95-3	NO2BZ	Nitrobenze	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	99-35-4	TNB135	1,3,5-Trini	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	35572-78-	A2DNT46	2-Amino-4	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	606-20-2	DNT26	2,6-Dinitro	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	99-08-1	NBZME3	3-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	99-99-0	NBZME4	4-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	118-96-7	TNT	2,4,6-Trini	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	19406-51-	A4DNT26	4-Amino-2	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	55-63-0	NTG	Nitroglyce	0.6	0	mg/kg	1	0.6		U	N				-1	0.6	D	U	0.6		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N				-1	0.8	D	U	0.8		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	0	25999	528-29-0	DNBZ12	1,2-Dinitro	88.4	100	PERCENT	1			=	Y			88.4	81	117	W	=			584470	NONE				51469	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	479-45-8	TETRYL	Tetryl	0.2	0	ug/L	1	0.2		U	N				-1	0.2	X	U	0.2		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	99-65-0	DNB13	1,3-Dinitro	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	99-35-4	TNB135	1,3,5-Trini	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	35572-78-	A2DNT46	2-Amino-4	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	88-72-2	NBZME2	2-Nitrotolu	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	121-14-2	DNT24	2,4-Dinitro	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	118-96-7	TNT	2,4,6-Trini	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	606-20-2	DNT26	2,6-Dinitro	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	99-08-1	NBZME3	3-Nitrotolu	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	19406-51-	A4DNT26	4-Amino-2	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	99-99-0	NBZME4	4-Nitrotolu	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	2691-41-0	HMX	HMX	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	98-95-3	NO2BZ	Nitrobenze	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	121-82-4	RDX	RDX	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	55-63-0	NTG	Nitroglyce	2.3	0	ug/L	1	2.3		U	N				-1	2.3	X	U	2.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	78-11-5	PETN	PETN	4.4	0	ug/L	1	4.4		U	N				-1	4.4	X	U	4.4		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	528-29-0	DNBZ12	1,2-Dinitro	93.1	100	PERCENT	1			=	Y			93.1	50	150	X	=			586054	NONE				51622	
4.3	CTLabs	67874	586500	586500	LB		Soil	586500	SW6010	SW3050	7/31/2008	0	7/31/2008	7/31/2008	11:00	8/4/2008	19:44	100	26060	7439-92-1	PB	Lead	0.11	0	mg/kg	1	0.11		U	N				-10	0.11	W	U	0.11		586500	NONE				51629	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	11104-28-	PCB1221	Aroclor 12	0.071	0	ug/L	1	0.071		U	N				-1	0.071	X	U	0.071		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	11097-69-	PCB1254	Aroclor 12	0.076	0	ug/L	1	0.076		U	N				-1	0.076	X	U	0.076		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	53469-21-	PCB1242	Aroclor 12	0.096	0	ug/L	1	0.096		U	N				-1	0.096	X	U	0.096		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	12674-11-	PCB1016	Aroclor 10	0.114	0	ug/L	1	0.114		U	N				-1	0.114	X	U	0.114		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	11096-82-	PCB1260	Aroclor 12	0.115	0	ug/L	1	0.115		U	N				-1	0.115	X	U	0.115		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	12672-29-	PCB1248	Aroclor 12	0.118	0	ug/L	1	0.118		U	N				-1	0.118	X	U	0.118		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	11141-16-	PCB1232	Aroclor 12	0.14	0	ug/L	1	0.14		U	N				-1	0.14	X	U	0.14		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	877-09-8	XYL2456CL	Tetrachlor	56.1	100	PERCENT	1			=	Y			56.1	50	150	X	=			586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	2051-24-3	CL10BZ2	Decachlor	74.5	100	PERCENT	1			=	Y			74.5	50	150	X	=			586654	NONE				51637	
4.3	CTLabs	67874	587715	587715	LB		WATER	587715	SW6010	TOTAL	7/31/2008	0	7/31/2008	7/31/2008	17:00	8/2/2008	18:51	0	26074	7439-92-1	PB	Lead	0.28	0	ug/L	1	1.4		U	N				-10	1.4	X	U	1.4		587715	NONE				51627	
4.3	CTLabs	67874	588134	588134	LB		Soil	588134	SW6010	SW3050	7/31/2008	0	7/31/2008	7/31/2008	15:00	8/4/2008	16:46	100	26077	7439-92-1	PB	Lead	0.021	0	mg/kg	1	0.11		U	N				-10	0.11	W	U	0.11		588134	NONE				51628	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	88-72-2	NBZME2	2-Nitrotolu	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-08-1	NBZME3	3-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	19406-51-	A4DNT26	4-Amino-2	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N				-1	0.8	D	U	0.8		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-65-0	DNB13	1,3-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	121-14-2	DNT24	2,4-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-35-4	TNB135	1,3,5-Trini	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	35572-78-	A2DNT46	2-Amino-4	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	606-20-2	DNT26	2,6-Dinitro	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-99-0	NBZME4	4-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	118-96-7	TNT	2,4,6-Trini	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	55-63-0	NTG	Nitroglyce	0.6	0	mg/kg	1	0.6		U	N				-1	0.6	D	U	0.6		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	98-95-3	NO2BZ	Nitrobenze	0.096	0	mg/kg	1	0.05		#NAME?	N				-1	0.05	D	=	0.05		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	0	26089	528-29-0	DNBZ12	1,2-Dinitro	90.5	100	PERCENT	1			=	Y			90.5	81	117	W	=			588650	NONE				51642	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	99-65-0	DNB13	1,3-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	121-14-2	DNT24	2,4-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	88-72-2	NBZME2	2-Nitrotolu	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	98-95-3	NO2BZ	Nitrobenze	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	99-35-4	TNB135	1,3,5-Trini	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	35572-78-	A2DNT46	2-Amino-4	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	606-20-2	DNT26	2,6-Dinitro	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	99-08-1	NBZME3	3-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	99-99-0	NBZME4	4-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	118-96-7	TNT	2,4,6-Trini	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	19406-51-	A4DNT26	4-Amino-2	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	55-63-0	NTG	Nitroglyce	0.6	0	mg/kg	1	0.6		U	N				-1	0.6	D	U	0.6		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N				-1	0.8	D	U	0.8		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	0	26095	528-29-0	DNBZ12	1,2-Dinitro	98	100	PERCENT	1			=	Y			98	81	117	W	=			588683	NONE				51630	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-65-0	DNB13	1,3-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	121-14-2	DNT24	2,4-Dinitro	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588693	NONE				51774	

4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	88-72-2	NBZME2	2-Nitrotolu	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	98-95-3	NO2BZ	Nitrobenz	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-35-4	TNB135	1,3,5-Trini	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	35572-78-	A2DNT46	2-Amino-4	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	606-20-2	DNT26	2,6-Dinitr	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-08-1	NBZME3	3-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-99-0	NBZME4	4-Nitrotolu	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	118-96-7	TNT	2,4,6-Trini	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	19406-51-	A4DNT26	4-Amino-2	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	55-63-0	NTG	Nitroglyce	0.6	0	mg/kg	1	0.6		U	N				-1	0.6	D	U	0.6		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N				-1	0.8	D	U	0.8		588693	NONE				51774
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	0	26096	528-29-0	DNBZ12	1,2-Dinitr	90.7	100	PERCENT	1			=	Y			90.7	81	117	W	=			588693	NONE				51774
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	53469-21-	PCB1242	Aroclor 12	10	0	ug/kg	1	10		U	N				-1	10	W	U	10		589040	NONE				51733
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11104-28-	PCB1221	Aroclor 12	12	0	ug/kg	1	12		U	N				-1	12	W	U	12		589040	NONE				51733
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11141-16-	PCB1232	Aroclor 12	14	0	ug/kg	1	14		U	N				-1	14	W	U	14		589040	NONE				51733
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11097-69-	PCB1254	Aroclor 12	3	0	ug/kg	1	3		U	N				-1	3	W	U	3		589040	NONE				51733
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11096-82-	PCB1260	Aroclor 12	6	0	ug/kg	1	6		U	N				-1	6	W	U	6		589040	NONE				51733
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	12674-11-	PCB1016	Aroclor 10	9	0	ug/kg	1	9		U	N				-1	9	W	U	9		589040	NONE				51733
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	12672-29-	PCB1248	Aroclor 12	9	0	ug/kg	1	9		U	N				-1	9	W	U	9		589040	NONE				51733
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	0	26111	877-09-8	XYL2456CL	Tetrachlor	78.3	100	PERCENT	1			=	Y			78.3	50	150	W	=			589040	NONE				51733
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	0	26111	2051-24-3	CL10BZ2	Decachlor	93.4	100	PERCENT	1			=	Y			93.4	50	150	W	=			589040	NONE				51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	LR	D	Soil	588137	SW6010	SW3050	7/22/2008	8:59	7/31/2008	7/31/2008	15:00	8/4/2008	17:05	97.2	26077	7439-92-1	PB	Lead	4.1	4.1	mg/kg	1	0.113	0.381	=	N						D	=	0.113	0.381	FWDA-AO	NONE				51628
4.3	CTLabs	67874	FWDA-EB	FWDA-EB	LR	D	WATER	587718	SW6010	TOTAL	7/22/2008	14:48	7/31/2008	7/31/2008	17:00	8/2/2008	19:09	0	26074	7439-92-1	PB	Lead	2.9	3.3	ug/L	1	1.4	4.6	J	N						X	J	1.4	4.6	FWDA-EB	NONE				51627
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	LR	D	Soil	586503	SW6010	SW3050	7/17/2008	10:17	7/31/2008	7/31/2008	11:00	8/4/2008	20:54	96.4	26060	7439-92-1	PB	Lead	16.3	15.3	mg/kg	1	0.114	0.383	=	N						D	=	0.114	0.383	FWDA-Y-B	NONE				51629
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	LR	D	WATER	584011	SW6010	TOTAL	7/17/2008	9:51	7/23/2008	7/23/2008	9:30	7/24/2008	17:29	0	25972	7439-92-1	PB	Lead	4.6	0.82	ug/L	1	1.4	4.6	U	N						X	U	1.4	4.6	FWDA-Y-E	NONE				51383
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	121-82-4	RDX	RDX	1.71	2	mg/kg	1	0.0601	0.18	=	N			86	70	135	D	=	0.0601	0.18	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	479-45-8	TETRYL	Tetryl	1.76	2	mg/kg	1	0.0701	0.23	=	N			88	10	150	D	=	0.0701	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	99-99-0	NBZME4	4-Nitrotolu	1.77	2	mg/kg	1	0.0701	0.23	=	N			88	80	125	D	=	0.0701	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	99-08-1	NBZME3	3-Nitrotolu	1.84	2	mg/kg	1	0.0701	0.22	=	N			92	75	120	D	=	0.0701	0.22	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	88-72-2	NBZME2	2-Nitrotolu	1.94	2	mg/kg	1	0.0501	0.14	=	N			97	80	125	D	=	0.0501	0.14	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	19406-51-	A4DNT26	4-Amino-2	1.98	2	mg/kg	1	0.0802	0.251	=	N			99	80	125	D	=	0.0802	0.251	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	0	26095	528-29-0	DNBZ12	1,2-Dinitr	111	100	PERCENT	1			=	Y			111	81	117	W	=			FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	99-65-0	DNB13	1,3-Dinitr	2.04	2	mg/kg	1	0.0401	0.13	=	N			102	80	125	D	=	0.0401	0.13	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	2691-41-0	HMX	HMX	2.12	2	mg/kg	1	0.0701	0.21	=	N			106	75	125	D	=	0.0701	0.21	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	98-95-3	NO2BZ	Nitrobenz	2.13	2	mg/kg	1	0.0501	0.15	=	N			106	75	125	D	=	0.0501	0.15	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	606-20-2	DNT26	2,6-Dinitr	2.13	2	mg/kg	1	0.0601	0.2	=	N			106	80	120	D	=	0.0601	0.2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	118-96-7	TNT	2,4,6-Trini	2.14	2	mg/kg	1	0.0802	0.24	=	N			107	55	140	D	=	0.0802	0.24	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	121-14-2	DNT24	2,4-Dinitr	2.16	2	mg/kg	1	0.0401	0.23	=	N			108	80	125	D	=	0.0401	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	99-35-4	TNB135	1,3,5-Trini	2.16	2	mg/kg	1	0.0601	0.2	=	N			108	75	125	D	=	0.0601	0.2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	35572-78-	A2DNT46	2-Amino-4	2.22	2	mg/kg	1	0.0601	0.18	=	N			111	80	125	D	=	0.0601	0.18	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588690	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:13	94.2	26095	55-63-0	NTG	Nitroglyce	8.71	7.98	mg/kg	1	0.601	2	=	N			109	80	125	D	=	0.601	2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588690	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:13	94.2	26095	78-11-5	PETN	PETN	9.45	7.98	mg/kg	1	0.802	2.61	=	N			118	80	125	D	=	0.802	2.61	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588690	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:13	0	26095	528-29-0	DNBZ12	1,2-Dinitr	93.8	100	PERCENT	1			=	Y			93.8	81	117	W	=			FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588136	SW6010	SW3050	7/22/2008	8:59	7/31/2008	7/31/2008	15:00	8/4/2008	17:11	97.2	26077	7439-92-1	PB	Lead	24	29.8	mg/kg	1	0.113	0.381	=	N			77	75	125	D	=	0.113	0.381	FWDA-AO	NONE				51628
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	589043	SW8082	SW3545	7/24/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:27	98.9	26111	12674-11-	PCB1016	Aroclor 10	334	505	ug/kg	1	9.08	31.3	=	N			66	50	150	D	=	9.08	31.3	FWDA-AO	NONE				51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	589043	SW8082	SW3545	7/24/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:27	98.9	26111	11096-82-	PCB1260	Aroclor 12	451	505	ug/kg	1	6.05	19.2	=	N			89	50	150	D	=	6.05	19.2	FWDA-AO	NONE				51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	589043	SW8082	SW3545	7/24/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:27	0	26111	877-09-8	XYL2456CL	Tetrachlor	51	100	PERCENT	1			=	Y			51	50	150	W	=			FWDA-AO	NONE				51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	589043	SW8082	SW3545	7/24/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:27	0	26111	2051-24-3	CL10BZ2	Decachlor	87.3	100	PERCENT	1			=	Y			87.3	50	150	W	=			FWDA-AO	NONE				51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	121-82-4	RDX	RDX	1.61	2.01	mg/kg	1	0.0596	0.179	=	N			80	70	135	D	=	0.0596	0.179	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	479-45-8	TETRYL	Tetryl	1.9	2.01	mg/kg	1	0.0696	0.229	=	N			95	10	150	D	=	0.0696	0.229	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	2691-41-0	HMX	HMX	1.94	2.01	mg/kg	1	0.0696	0.209	=	N			97	75	125	D	=	0.0696	0.209	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	35572-78-	A2DNT46	2-Amino-4	1.99	2.01	mg/kg	1	0.0596	0.179	=	N			99	80	125	D	=	0.0596	0.179	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	0	26096	528-29-0	DNBZ12	1,2-Dinitr	115	100	PERCENT	1			=	Y			115	81	117	W	=			FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	88-72-2	NBZME2	2-Nitrotolu	2.02	2.01	mg/kg	1	0.0497	0.139	=	N			100	80	125	D	=	0.0497	0.139	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	99-99-0	NBZME4	4-Nitrotolu	2.03	2.01	mg/kg	1	0.0696	0.229	=	N			101	80	125	D	=	0.0696	0.229	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	98-95-3	NO2BZ	Nitrobenz	2.04	2.01	mg/kg	1	0.0497	0.149	=	N			101	75	125	D	=	0.0497	0.149	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	99-65-0	DNB13	1,3-Dinitr	2.1	2.01	mg/kg	1	0.0398	0.129	=	N			104	80	125	D	=	0.0398	0.129	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	118-96-7	TNT	2,4,6-Trini	2.1	2.01	mg/kg	1	0.0795	0.239	=	N			104	55	140	D	=	0.0795	0.239	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	121-14-2	DNT24	2,4-Dinitr	2.12	2.01	mg/kg	1	0.0398	0.229	=	N			105	80	125	D	=	0.0398	0.229	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	99-35-4	TNB135	1,3,5-Trini	2.13	2.01	mg/kg	1	0.0596	0.199	=	N			106	75	125	D	=	0.0596	0.199	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	606-20-2	DNT26	2,6-Dinitr	2.14	2.01	mg/kg	1	0.0596	0.199	=	N			106	80	120	D	=	0.0596	0.199	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	19406-51-	A4DNT26	4-Amino-2	2.15	2.01	mg/kg	1	0.0795	0.249	=	N			107	80	125	D	=	0.0795	0.249	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	99-08-1	NBZME3	3-Nitrotolu	2.16	2.01	mg/kg	1	0.0696	0.219	=	N			107	75	120	D	=	0.0696	0.219	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588700	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:46	98.9	26096	78-11-5	PETN	PETN	6.7	8.01	mg/kg	1	0.799	2.6	=	N			84	80	125	D	=	0.799	2.6	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588700	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:46	98.9	26096	55-63-0	NTG	Nitroglyce	7.81	8.01	mg/kg	1	0.599	2	=	N			98	80	125	D	=	0.599	2	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588700	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:46	0	26096	528-29-0	DNBZ12	1,2-Dinitr	86	100	PERCENT	1			=	Y			86	81	117	W	=			FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	586502	SW6010	SW3050	7/17/2008	10:17	7/31/2008	7/31/2008	11:00	8/4/2008	21:00	96.4	26060	7439-92-1	PB	Lead	36.5	41.2	mg/kg	1	0.114	0.383	=	N			82	75	125	D	=	0.114	0.383	FWDA-Y-B	NONE				51629
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	479-45-8	TETRYL	Tetryl	1.76	1.99	mg/kg	1	0.0705	0.232	=	N			88	10	150	D	=	0.0705	0.232	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	99-65-0	DNB13	1,3-Dinitr	1.78	1.99	mg/kg	1	0.0403	0.131	=	N			89	80	125	D	=	0.0403	0.131	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	88-72-2	NBZME2	2-Nitrotolu	1.78	1.99	mg/kg	1	0.0504	0.141	=	N			89	80	125	D	=	0.0504	0.141	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	99-35-4	TNB135	1,3,5-Trini	1.8	1.99	mg/kg	1	0.0604	0.201	=	N			90	75	125	D	=	0.0604	0.201	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	99-99-0	NBZME4	4-Nitrotolu	1.81	1.99	mg/kg	1	0.0705	0.232	=	N			91	80	125	D	=	0.0705	0.232	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	98-95-3	NO2BZ	Nitrobenz	1.84	1.99	mg/kg	1	0.0504	0.151	=	N			92	75	125	D	=	0.0504	0.151	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	35572-78-	A2DNT46	2-Amino-4	1.87	1.99	mg/kg	1	0.0604	0.181	=	N			94	80	125	D	=	0.0604	0.181	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	118-96-7	TNT	2,4,6-Trini	1.87	1.99	mg/kg	1	0.0806	0.242	=	N			94	55	140	D	=	0.0806	0.242	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	121-14-2	DNT24	2,4-Dinitr	1.88	1.99	mg/kg	1	0.0403	0.232	=	N			94	80	125	D	=	0.0403	0.232	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	606-20-2	DNT26	2,6-Dinitr	1.95	1.99	mg/kg	1	0.0604	0.201	=	N			98	80	120	D	=	0.0604	0.201	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	121-82-4	RDX	RDX	1.97	1.99	mg/kg	1	0.0604	0.181	=	N			99	70	135	D	=	0.0604	0.181	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	99-08-1	NBZME3	3-Nitrotolu	1.97	1.99	mg/kg	1	0.0705	0.222	=	N			99	75	120	D	=	0.0705	0.222	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	19406-51-	A4DNT26	4-Amino-2	1.97	1.99	mg/kg	1	0.0806	0.252	=	N			99	80	125	D	=	0.0806	0.252	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	2691-41-0	HMX	HMX	2.05	1.99	mg/kg	1	0.0705	0.211	=	N			103	75	125	D	=	0.0705	0.211	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	0	25999	528-29-0	DNBZ12	1,2-Dinitr	87.8	100	PERCENT	1			=	Y			87.8	81	117	W	=			FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584478	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:23	96.4	25999	78-11-5	PETN	PETN	7.98	7.96	mg/kg	1	0.804	2.61	=	N			100	80	125	D	=	0.804	2.61	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584478	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:23	96.4	25999	55-63-0	NTG	Nitroglyce	8.29	7.96	mg/kg	1	0.603	2.01	=	N			104	80	125	D	=	0.603	2.01	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584478	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:23	0	25999	528-29-0	DNBZ12	1,2-Dinitr	96.8	100	PERCENT	1			=	Y			96.8	81	117	W	=			FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW6010	SW3050	7/21/2008	14:53	7/24/2008	7/31/2008	11:00	8/4/2008	22:24	94.6	26060	7439-92-1	PB	Lead	7.4		mg/kg	1	0.1135	0.3689	=	N						D	=	0.12	0.39	FWDA-AO	NONE				51629
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	99-65-0	DNB13	1,3-Dinitr	0.13		mg/kg	1	0.0378	0.13	U	N						D	U	0.04	0.13	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	121-14-2	DNT24	2,4-Dinitr	0.23		mg/kg	1	0.0378	0.23	U	N						D	U	0.04	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0473	0.14	U	N						D	U	0.05	0.14	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	98-95-3	NO2BZ	Nitrobenz	0.15		mg/kg	1	0.0473	0.15	U	N						D	U	0.05	0.15	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0568	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0568	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0568	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	606-20-2	DNT26	2,6-Dinitr	0.2		mg/kg	1	0.0568	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0662	0.21	U	N						D	U	0.07	0.21	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0662	0.22	U	N						D	U	0.07	0.22	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0662	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0662	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0757	0.24	U	N						D	U	0.08	0.24	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0757	0.25	U	N						D	U	0.08	0.25	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5676	2	U	N						D	U	0.6	2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7568	2.6	U	N						D	U	0.8	2.6	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	528-29-0	DNBZ12	1,2-Dinitr	75	100	PERCENT	1			=	Y			75	50	150	W	=			FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW6010	SW3050	7/21/2008	15:14	7/24/2008	7/31/2008	11:00	8/4/2008	21:38	94.2	26060	7439-92-1	PB	Lead	6.6		mg/kg	1	0.113	0.3674	=	N						D	=	0.12	0.39	FWDA-AO	NONE				51629
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	99-65-0	DNB13	1,3-Dinitr	0.13		mg/kg	1	0.0377	0.13	U	N						D	U	0.04	0.13	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	121-14-2	DNT24	2,4-Dinitr	0.23		mg/kg	1	0.0377	0.23	U	N						D	U	0.04	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0471	0.14	U	N						D	U	0.05	0.14	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	98-95-3	NO2BZ	Nitrobenz	0.15		mg/kg	1	0.0471	0.15	U	N						D	U	0.05	0.15	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0565	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0565	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0565	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	606-20-2	DNT26	2,6-Dinitr	0.2		mg/kg	1	0.0565	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0659	0.21	U	N						D	U	0.07	0.21	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0659	0.22	U	N						D	U	0.07	0.22	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0659	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0659	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0754	0.24	U	N						D	U	0.08	0.24	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0754	0.25	U	N						D	U	0.08	0.25	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5652	2	U	N						D	U	0.6	2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7536	2.6	U	N						D	U	0.8	2.6	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	528-29-0	DNBZ12	1,2-Dinitr	73	100	PERCENT	1			=	Y			73	50	150	W	=			FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585000	SW6010	SW3050	7/21/2008	15:57	7/24/2008	7/31/2008	11:00	8/4/2008	22:05	96.9	26060	7439-92-1	PB	Lead	4.9		mg/kg	1	0.1066	0.3682	=	N						D	=	0.11	0.38	FWDA-AO	NONE				51629
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	99-65-0	DNB13	1,3-Dinitr	0.13		mg/kg	1	0.0388	0.13	U	N						D	U	0.04	0.13	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	121-14-2	DNT24	2,4-Dinitr	0.23		mg/kg	1	0.0388	0.23	U	N						D	U	0.04	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0485	0.14	U	N						D	U	0.05	0.14	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	98-95-3	NO2BZ	Nitrobenz	0.15		mg/kg	1	0.0485	0.15	U	N						D	U	0.05	0.15	FWDA-AO	NONE				51630

4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0581	0.18	U	N				D	U	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0581	0.18	U	N				D	U	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0581	0.2	U	N				D	U	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0678	0.21	U	N				D	U	0.07	0.21	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0678	0.22	U	N				D	U	0.07	0.22	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0678	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0678	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0775	0.24	U	N				D	U	0.08	0.24	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0775	0.25	U	N				D	U	0.08	0.25	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5814	2	U	N				D	U	0.6	2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7752	2.6	U	N				D	U	0.8	2.6	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	99-35-4	TNB135	1,3,5-Trini	0.1		mg/kg	1	0.0581	0.2	JP	N				D	J	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	528-29-0	DNBZ12	1,2-Dinitro	85	100	PERCENT	1			=	Y	85	50	150	W	=			FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW6010	SW3050	7/21/2008	16:14	7/24/2008	7/31/2008	11:00	8/4/2008	21:45	96.8	26060	7439-92-1	PB	Lead	5.7		mg/kg	1	0.1065	0.3678	=	N				D	=	0.11	0.38	FWDA-AO	NONE	51629
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0387	0.13	U	N				D	U	0.04	0.13	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0387	0.23	U	N				D	U	0.04	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0484	0.14	U	N				D	U	0.05	0.14	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0484	0.15	U	N				D	U	0.05	0.15	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0581	0.18	U	N				D	U	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0581	0.18	U	N				D	U	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0581	0.2	U	N				D	U	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0581	0.2	U	N				D	U	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0678	0.21	U	N				D	U	0.07	0.21	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0678	0.22	U	N				D	U	0.07	0.22	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0678	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0678	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0774	0.24	U	N				D	U	0.08	0.24	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0774	0.25	U	N				D	U	0.08	0.25	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5808	2	U	N				D	U	0.6	2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7744	2.6	U	N				D	U	0.8	2.6	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	528-29-0	DNBZ12	1,2-Dinitro	95	100	PERCENT	1			=	Y	95	50	150	W	=			FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW6010	SW3050	7/22/2008	8:16	7/24/2008	7/31/2008	11:00	8/4/2008	22:11	97.1	26060	7439-92-1	PB	Lead	4.6		mg/kg	1	0.1068	0.369	=	N				D	=	0.11	0.38	FWDA-AO	NONE	51629
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0388	0.13	U	N				D	U	0.04	0.13	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0388	0.23	U	N				D	U	0.04	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0486	0.14	U	N				D	U	0.05	0.14	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0486	0.15	U	N				D	U	0.05	0.15	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0583	0.18	U	N				D	U	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0583	0.18	U	N				D	U	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0583	0.2	U	N				D	U	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0583	0.2	U	N				D	U	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.068	0.21	U	N				D	U	0.07	0.21	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.068	0.22	U	N				D	U	0.07	0.22	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.068	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.068	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0777	0.24	U	N				D	U	0.08	0.24	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0777	0.25	U	N				D	U	0.08	0.25	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5826	2	U	N				D	U	0.6	2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7768	2.6	U	N				D	U	0.8	2.6	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	528-29-0	DNBZ12	1,2-Dinitro	78	100	PERCENT	1			=	Y	78	50	150	W	=			FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW6010	SW3050	7/22/2008	8:59	7/24/2008	7/31/2008	11:00	8/4/2008	22:56	97.2	26060	7439-92-1	PB	Lead	4.4		mg/kg	1	0.1069	0.3694	=	N				D	=	0.11	0.38	FWDA-AO	NONE	51629
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0389	0.13	U	N				D	U	0.04	0.13	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0389	0.23	U	N				D	U	0.04	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0486	0.14	U	N				D	U	0.05	0.14	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0486	0.15	U	N				D	U	0.05	0.15	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0583	0.18	U	N				D	U	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0583	0.2	U	N				D	U	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.068	0.21	U	N				D	U	0.07	0.21	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.068	0.22	U	N				D	U	0.07	0.22	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.068	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.068	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0778	0.24	U	N				D	U	0.08	0.24	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0778	0.25	U	N				D	U	0.08	0.25	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5832	2	U	N				D	U	0.6	2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7776	2.6	U	N				D	U	0.8	2.6	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	121-82-4	RDX	RDX	0.14		mg/kg	1	0.0583	0.18	JP	N				D	J	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0583	0.2	#NAME?	N				D	=	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	528-29-0	DNBZ12	1,2-Dinitro	89	100	PERCENT	1			=	Y	89	50	150	W	=			FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW6010	SW3050	7/23/2008	14:06	7/28/2008	7/31/2008	15:00	8/4/2008	17:49	96.7	26077	7439-92-1	PB	Lead	4.4		mg/kg	1	0.1064	0.3675	=	N				D	=	0.11	0.38	FWDA-AO	NONE	51628
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0387	0.13	U	N				D	U	0.04	0.13	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0387	0.23	U	N				D	U	0.04	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0484	0.14	U	N				D	U	0.05	0.14	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0484	0.15	U	N				D	U	0.05	0.15	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.058	0.18	U	N				D	U	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.058	0.18	U	N				D	U	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.058	0.2	U	N				D	U	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0677	0.21	U	N				D	U	0.07	0.21	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0677	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0677	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0764	0.24	U	N				D	U	0.079	0.24	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0764	0.25	U	N				D	U	0.079	0.25	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5802	2	U	N				D	U	0.6	2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7639	2.6	U	N				D	U	0.79	2.6	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.058	0.2	#NAME?	N				D	=	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	99-08-1	NBZME3	3-Nitrotolu	0.2		mg/kg	1	0.0677	0.22	JP	N				D	J	0.07	0.22	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	528-29-0	DNBZ12	1,2-Dinitro	89	100	PERCENT	1			=	Y	89	50	150	W	=			FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW6010	SW3050	7/23/2008	14:31	7/28/2008	7/31/2008	15:00	8/4/2008	17:55	96.8	26077	7439-92-1	PB	Lead	4.4		mg/kg	1	0.1065	0.3678	=	N				D	=	0.11	0.38	FWDA-AO	NONE	51628
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0387	0.13	U	N				D	U	0.04	0.13	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0484	0.14	U	N				D	U	0.05	0.14	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0484	0.15	U	N				D	U	0.05	0.15	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0581	0.18	U	N				D	U	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0678	0.21	U	N				D	U	0.07	0.21	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0678	0.22	U	N				D	U	0.07	0.22	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0678	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0678	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0774	0.24	U	N				D	U	0.08	0.24	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5808	2	U	N				D	U	0.6	2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7744	2.6	U	N				D	U	0.8	2.6	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	121-14-2	DNT24	2,4-Dinitro	0.08		mg/kg	1	0.0387	0.23	JP	N				D	J	0.04	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	121-82-4	RDX	RDX	0.08		mg/kg	1	0.0581	0.18	JP	N				D	J	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	99-35-4	TNB135	1,3,5-Trini	0.088		mg/kg	1	0.0581	0.2	JP	N				D	J	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	19406-51-	A4DNT26	4-Amino-2	0.18		mg/kg	1	0.0774	0.25	JP	N				D	J	0.08	0.25	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	606-20-2	DNT26	2,6-Dinitro	0.33		mg/kg	1	0.0581	0.2	#NAME?	N				D	=	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	528-29-0	DNBZ12	1,2-Dinitro	87	100	PERCENT	1			=	Y	87	50	150	W	=			FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585903	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	53469-21-	PCB1242	Aroclor 12	34		ug/kg	1	9.89	34	U	N				D	U	10	34	FWDA-AO	NONE	51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585903	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	11104-28-	PCB1221	Aroclor 12	41		ug/kg	1	11.868	41	U	N				D	U	12	41	FWDA-AO	NONE	51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585903	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	11141-16-	PCB1232	Aroclor 12	47		ug/kg	1	13.846	47	U	N				D	U	14	47	FWDA-AO	NONE	51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585903	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	11097-69-	PCB1254	Aroclor 12	10		ug/kg	1	2.967	10	U	N				D	U	3	10	FWDA-AO	NONE	51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585903	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	11096-82-	PCB1260	Aroclor 12	19		ug/kg	1	5.934	19	U	N				D	U	6	19	FWDA-AO	NONE	51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585903	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	12672-29-	PCB1248	Aroclor 12	29		ug/kg	1	8.9999	29	U	N				D	U	9.1	29	FWDA-AO	NONE	51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585903	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	12674-11-	PCB1016	Aroclor 10	31		ug/kg	1	8.9999	31	U	N				D	U	9.1	31	FWDA-AO	NONE	51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585903	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	877-09-8	XYL2456CL	Tetrachlor	59	100	PERCENT	1			=	Y	59	50	150	W	=			FWDA-AO	NONE	51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585903	SW8082	SW3545	7/24/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	2051-24-3	CL10BZ2	Decachlor	91	100	PERCENT	1			=	Y	91	50	150	W	=			FWDA-AO	NONE	51733
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW6010	SW3050	7/24/2008	8:00	7/28/2008	7/31/2008	15:00	8/4/2008	18:02	97.9	26077	7439-92-1	PB	Lead	13.3		mg/kg	1	0.1077	0.372	=	N				D	=	0.11	0.38	FWDA-AO	NONE	51628
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0392	0.13	U	N				D	U	0.04	0.13	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0392	0.23	U	N				D	U	0.04	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.049	0.14	U	N				D	U	0.05	0.14	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.049	0.15	U	N				D	U	0.05	0.15	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0587	0.18	U	N				D	U	0.06	0.18	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0587	0.2	U	N				D	U	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0685	0.21	U	N				D	U	0.07	0.21	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0685	0.22	U	N				D	U	0.07	0.22	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0685	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0685	0.23	U	N				D	U	0.07	0.23	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0783	0.24	U	N				D	U	0.08	0.24	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0783	0.25	U	N				D	U	0.08	0.25	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5874	2	U	N				D	U	0.6	2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7832	2.6	U	N				D	U	0.8	2.6	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	99-35-4	TNB135	1,3,5-Trini	0.076		mg/kg	1	0.0587	0.2	JP	N				D	J	0.06	0.2	FWDA-AO	NONE	51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N	Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	121-82-4	RDX	RDX	0.2		mg/kg	1	0.0587	0.18	#NAME?	N				D	=	0.06	0.18	FWDA-AO	NONE	51630

4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	528-29-0	DNBZ12	1,2-Dinitro	94	100	PERCENT	1			=	Y			94	50	150	W	=			FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW6010	SW3050	7/24/2008	8:38	7/28/2008	7/31/2008	15:00	8/4/2008	18:14	0	26077	7439-92-1	PB	Lead	13.5		mg/kg	1	0.11	0.37	=	N						W	=	0.11	0.37	FWDA-AO(	NONE				51628
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0396	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0396	0.23	U	N						D	U	0.04	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0495	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0495	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0593	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0593	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0593	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0593	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0692	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0692	0.22	U	N						D	U	0.07	0.22	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0692	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0692	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0791	0.24	U	N						D	U	0.08	0.24	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0791	0.25	U	N						D	U	0.08	0.25	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5934	2	U	N						D	U	0.6	2	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7912	2.6	U	N						D	U	0.8	2.6	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	528-29-0	DNBZ12	1,2-Dinitro	89	100	PERCENT	1			=	Y			89	50	150	W	=			FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW6010	SW3050	7/24/2008	9:39	7/28/2008	7/31/2008	15:00	8/4/2008	18:20	0	26077	7439-92-1	PB	Lead	6.8		mg/kg	1	0.11	0.37	=	N						W	=	0.11	0.37	FWDA-AO(	NONE				51628
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0397	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0397	0.23	U	N						D	U	0.04	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0497	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0497	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0596	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0596	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0596	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0596	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0685	0.21	U	N						D	U	0.069	0.21	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0685	0.22	U	N						D	U	0.069	0.22	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0685	0.23	U	N						D	U	0.069	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0685	0.23	U	N						D	U	0.069	0.23	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0784	0.24	U	N						D	U	0.079	0.24	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0784	0.25	U	N						D	U	0.079	0.25	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5958	2	U	N						D	U	0.6	2	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7845	2.6	U	N						D	U	0.79	2.6	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	528-29-0	DNBZ12	1,2-Dinitro	88	100	PERCENT	1			=	Y			88	50	150	W	=			FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW6010	SW3050	7/21/2008	14:06	7/24/2008	7/31/2008	11:00	8/4/2008	22:18	98	26060	7439-92-1	PB	Lead	6.1		mg/kg	1	0.1078	0.3724	=	N						D	=	0.11	0.38	FWDA-AO(	NONE				51629
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0392	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0392	0.23	U	N						D	U	0.04	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.049	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.049	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0588	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0588	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0588	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0588	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0686	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0686	0.22	U	N						D	U	0.07	0.22	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0686	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0686	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0784	0.24	U	N						D	U	0.08	0.24	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0784	0.25	U	N						D	U	0.08	0.25	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.588	2	U	N						D	U	0.6	2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.784	2.6	U	N						D	U	0.8	2.6	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	528-29-0	DNBZ12	1,2-Dinitro	82	100	PERCENT	1			=	Y			82	50	150	W	=			FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW6010	SW3050	7/21/2008	13:26	7/24/2008	7/31/2008	11:00	8/4/2008	21:51	96.3	26060	7439-92-1	PB	Lead	7.3		mg/kg	1	0.1059	0.3659	=	N						D	=	0.11	0.38	FWDA-AO(	NONE				51629
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0385	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0385	0.23	U	N						D	U	0.04	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0482	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0482	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0674	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0674	0.22	U	N						D	U	0.07	0.22	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0674	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0674	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0761	0.24	U	N						D	U	0.079	0.24	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0761	0.25	U	N						D	U	0.079	0.25	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5778	2	U	N						D	U	0.6	2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7608	2.6	U	N						D	U	0.79	2.6	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	528-29-0	DNBZ12	1,2-Dinitro	85	100	PERCENT	1			=	Y			85	50	150	W	=			FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW6010	SW3050	7/22/2008	13:50	7/24/2008	7/31/2008	11:00	8/4/2008	21:58	96.7	26060	7439-92-1	PB	Lead	6.2		mg/kg	1	0.1064	0.3675	=	N						D	=	0.11	0.38	FWDA-AO(	NONE				51629
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0387	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0387	0.23	U	N						D	U	0.04	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0484	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0484	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.058	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.058	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.058	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.058	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0677	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0677	0.22	U	N						D	U	0.07	0.22	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0677	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0677	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0774	0.24	U	N						D	U	0.08	0.24	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0774	0.25	U	N						D	U	0.08	0.25	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5802	2	U	N						D	U	0.6	2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7736	2.6	U	N						D	U	0.8	2.6	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	584999	SW8330B	SW8330B	7/22/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	528-29-0	DNBZ12	1,2-Dinitro	80	100	PERCENT	1			=	Y			80	50	150	W	=			FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW6010	SW3050	7/22/2008	14:14	7/28/2008	7/31/2008	15:00	8/4/2008	17:24	98.8	26077	7439-92-1	PB	Lead	4.3		mg/kg	1	0.1087	0.37	=	N						D	=	0.11	0.37	FWDA-AO(	NONE				51628
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0395	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0494	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0494	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0593	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0692	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0692	0.22	U	N						D	U	0.07	0.22	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0692	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0692	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.079	0.24	U	N						D	U	0.08	0.24	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.079	0.25	U	N						D	U	0.08	0.25	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5928	2	U	N						D	U	0.6	2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7904	2.6	U	N						D	U	0.8	2.6	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	99-35-4	TNB135	1,3,5-Trini	0.06		mg/kg	1	0.0593	0.2	JP	N						D	J	0.06	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	121-82-4	RDX	RDX	0.072		mg/kg	1	0.0593	0.18	JP	N						D	J	0.06	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	121-14-2	DNT24	2,4-Dinitro	0.11		mg/kg	1	0.0395	0.23	JP	N						D	J	0.04	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	606-20-2	DNT26	2,6-Dinitro	0.45		mg/kg	1	0.0593	0.2	#NAME?	N						D	=	0.06	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	528-29-0	DNBZ12	1,2-Dinitro	95	100	PERCENT	1			=	Y			95	50	150	W	=			FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW6010	SW3050	7/22/2008	14:50	7/28/2008	7/31/2008	15:00	8/4/2008	17:42	97.8	26077	7439-92-1	PB	Lead	5.9		mg/kg	1	0.1076	0.3716	=	N						D	=	0.11	0.38	FWDA-AO(	NONE				51628
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0391	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0489	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0489	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0577	0.18	U	N						D	U	0.059	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0577	0.18	U	N						D	U	0.059	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0577	0.2	U	N						D	U	0.059	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0675	0.21	U	N						D	U	0.069	0.21	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0675	0.22	U	N						D	U	0.069	0.22	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0675	0.23	U	N						D	U	0.069	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0675	0.23	U	N						D	U	0.069	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0773	0.24	U	N						D	U	0.079	0.24	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0773	0.25	U	N						D	U	0.079	0.25	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.577	2	U	N						D	U	0.59	2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7726	2.6	U	N						D	U	0.79	2.6	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	121-14-2	DNT24	2,4-Dinitro	0.13		mg/kg	1	0.0391	0.23	JP	N						D	J	0.04	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	606-20-2	DNT26	2,6-Dinitro	0.16		mg/kg	1	0.0577	0.2	JP	N						D	J	0.059	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	528-29-0	DNBZ12	1,2-Dinitro	89	100	PERCENT	1			=	Y			89	50	150	W	=			FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-B1(	FWDA-B1(	N		Soil	585901	SW6010	SW3050	7/24/2008	15:50	7/28/2008	7/31/2008	15:00	8/4/2008	19:25	93.3	26077	7439-92-1	PB	Lead	15.8		mg/kg	1	0.112	0.3732	=	N						D	=	0.12	0.4	FWDA-B1(	NONE				51628
4.3	CTLabs	67874	FWDA-B1(	FWDA-B1(	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0373	0.13	U	N						D	U	0.04	0.13	FWDA-B1(	NONE				51642

4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0373	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0467	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0467	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.056	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.056	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.056	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0653	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0653	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0653	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0653	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0737	0.24	U	N						D	U	0.079	0.24	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0737	0.25	U	N						D	U	0.079	0.25	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5598	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7371	2.6	U	N						D	U	0.79	2.6	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	99-35-4	TNB135	1,3,5-Trini	0.068		mg/kg	1	0.056	0.2	JP	N						D	J	0.06	0.2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	528-29-0	DNBZ12	1,2-Dinitro	99	100	PERCENT	1			=	Y			99	50	150	W	=			FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW6010	SW3050	7/24/2008	15:43	7/28/2008	7/31/2008	15:00	8/4/2008	19:19	92.2	26077	7439-92-1	PB	Lead	17.4		mg/kg	1	0.1106	0.3688	=	N						D	=	0.12	0.4	FWDA-B10	NONE				51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0369	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0369	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0461	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0461	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0553	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0553	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0553	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0553	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0645	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0645	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0645	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0645	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0738	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0738	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5532	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7376	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	528-29-0	DNBZ12	1,2-Dinitro	97	100	PERCENT	1			=	Y			97	50	150	W	=			FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW6010	SW3050	7/25/2008	9:50	7/28/2008	7/31/2008	15:00	8/4/2008	19:32	0	26077	7439-92-1	PB	Lead	4		mg/kg	1	0.11	0.37	=	N						W	=	0.11	0.37	FWDA-B10	NONE				51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0398	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0398	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0497	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0497	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0596	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0596	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0596	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0596	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0696	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0696	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0696	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0696	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0795	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0795	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5964	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7952	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	528-29-0	DNBZ12	1,2-Dinitro	91	100	PERCENT	1			=	Y			91	50	150	W	=			FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW6010	SW3050	7/24/2008	14:21	7/28/2008	7/31/2008	15:00	8/4/2008	19:06	93.4	26077	7439-92-1	PB	Lead	5.4		mg/kg	1	0.1121	0.3736	=	N						D	=	0.12	0.4	FWDA-B10	NONE				51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0374	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0374	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0467	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0467	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.056	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.056	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.056	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.056	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0654	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0654	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0654	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0654	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0747	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0747	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5604	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7472	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	528-29-0	DNBZ12	1,2-Dinitro	94	100	PERCENT	1			=	Y			94	50	150	W	=			FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW6010	SW3050	7/24/2008	14:15	7/28/2008	7/31/2008	15:00	8/4/2008	18:59	95.1	26077	7439-92-1	PB	Lead	7.6		mg/kg	1	0.1141	0.3709	=	N						D	=	0.12	0.39	FWDA-B10	NONE				51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.038	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.038	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0476	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0476	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0571	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0571	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0571	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0571	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0666	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0666	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0666	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0666	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0751	0.24	U	N						D	U	0.079	0.24	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0751	0.25	U	N						D	U	0.079	0.25	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5706	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7513	2.6	U	N						D	U	0.79	2.6	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	528-29-0	DNBZ12	1,2-Dinitro	104	100	PERCENT	1			=	Y			104	50	150	W	=			FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0397	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0497	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0497	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0596	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0596	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0596	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0596	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0695	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0695	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0695	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0695	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0794	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0794	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5958	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7944	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	528-29-0	DNBZ12	1,2-Dinitro	87	100	PERCENT	1			=	Y			87	50	150	W	=			FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW6010	SW3050	7/24/2008	15:03	7/28/2008	7/31/2008	15:00	8/4/2008	19:12	0	26077	7439-92-1	PB	Lead	4.3		mg/kg	1	0.11	0.37	=	N						W	=	0.11	0.37	FWDA-B10	NONE				51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0397	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW6010	SW3050	7/24/2008	12:57	7/28/2008	7/31/2008	15:00	8/4/2008	18:27	94.1	26077	7439-92-1	PB	Lead	24.4		mg/kg	1	0.1129	0.367	=	N						D	=	0.12	0.39	FWDA-B10	NONE				51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0376	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0376	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0471	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0471	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0555	0.18	U	N						D	U	0.059	0.18	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0555	0.18	U	N						D	U	0.059	0.18	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0555	0.2	U	N						D	U	0.059	0.2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0555	0.2	U	N						D	U	0.059	0.2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0649	0.21	U	N						D	U	0.069	0.21	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0649	0.22	U	N						D	U	0.069	0.22	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0649	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0649	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0743	0.24	U	N						D	U	0.079	0.24	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0743	0.25	U	N						D	U	0.079	0.25	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5552	2	U	N						D	U	0.59	2	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7434	2.6	U	N						D	U	0.79	2.6	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	528-29-0	DNBZ12	1,2-Dinitro	100	100	PERCENT	1			=	Y			100	50	150	W	=			FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW6010	SW3050	7/24/2008	13:00	7/28/2008	7/31/2008	15:00	8/4/2008	18:34	96.3	26077	7439-92-1	PB	Lead	21		mg/kg	1	0.1059	0.3659	=	N						D	=	0.11	0.38	FWDA-B10	NONE				51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0385	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0385	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0482	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0482	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642

4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0674	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0674	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0674	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0674	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.077	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.077	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5778	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7704	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	528-29-0	DNBZ12	1,2-Dinitro	101	100	PERCENT	1			=	Y			101	50	150	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW6010	SW3050	7/24/2008	13:52	7/28/2008	7/31/2008	15:00	8/4/2008	18:41	0	26077	7439-92-1	PB	Lead	4		mg/kg	1	0.11	0.37	=	N						W	=	0.11	0.37	FWDA-B10	NONE				51628	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0398	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0398	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0498	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0498	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0598	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0598	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0598	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0598	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0687	0.21	U	N						D	U	0.069	0.21	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0687	0.22	U	N						D	U	0.069	0.22	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0687	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0687	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0787	0.24	U	N						D	U	0.079	0.24	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0787	0.25	U	N						D	U	0.079	0.25	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5976	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7868	2.6	U	N						D	U	0.79	2.6	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	528-29-0	DNBZ12	1,2-Dinitro	91	100	PERCENT	1			=	Y			91	50	150	W	=			FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW6010	SW3050	7/22/2008	10:47	7/24/2008	7/31/2008	11:00	8/4/2008	22:49	97.4	26060	7439-92-1	PB	Lead	30.8		mg/kg	1	0.1071	0.3701	=	N						D	=	0.11	0.38	FWDA-BLD	NONE				51629	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.039	0.13	U	N						D	U	0.04	0.13	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0487	0.15	U	N						D	U	0.05	0.15	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0584	0.18	U	N						D	U	0.06	0.18	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0584	0.18	U	N						D	U	0.06	0.18	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0584	0.2	U	N						D	U	0.06	0.2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0682	0.21	U	N						D	U	0.07	0.21	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0682	0.22	U	N						D	U	0.07	0.22	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0682	0.23	U	N						D	U	0.07	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0682	0.23	U	N						D	U	0.07	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0779	0.24	U	N						D	U	0.08	0.24	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0779	0.25	U	N						D	U	0.08	0.25	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5844	2	U	N						D	U	0.6	2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7792	2.6	U	N						D	U	0.8	2.6	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	121-14-2	DNT24	2,4-Dinitro	0.068		mg/kg	1	0.039	0.23	JP	N						D	J	0.04	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	88-72-2	NBZME2	2-Nitrotolu	0.092		mg/kg	1	0.0487	0.14	JP	N						D	J	0.05	0.14	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	606-20-2	DNT26	2,6-Dinitro	0.42		mg/kg	1	0.0584	0.2	#NAME?	N						D	=	0.06	0.2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	528-29-0	DNBZ12	1,2-Dinitro	85	100	PERCENT	1			=	Y			85	50	150	W	=			FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW6010	SW3050	7/22/2008	10:28	7/24/2008	7/31/2008	11:00	8/4/2008	22:31	97.7	26060	7439-92-1	PB	Lead	21		mg/kg	1	0.1075	0.3713	=	N						D	=	0.11	0.38	FWDA-BLD	NONE				51629	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0391	0.13	U	N						D	U	0.04	0.13	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0391	0.23	U	N						D	U	0.04	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0489	0.14	U	N						D	U	0.05	0.14	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0489	0.15	U	N						D	U	0.05	0.15	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0586	0.18	U	N						D	U	0.06	0.18	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0586	0.18	U	N						D	U	0.06	0.18	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0586	0.2	U	N						D	U	0.06	0.2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0586	0.2	U	N						D	U	0.06	0.2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0684	0.21	U	N						D	U	0.07	0.21	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0684	0.22	U	N						D	U	0.07	0.22	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0684	0.23	U	N						D	U	0.07	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0684	0.23	U	N						D	U	0.07	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0782	0.24	U	N						D	U	0.08	0.24	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0782	0.25	U	N						D	U	0.08	0.25	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5862	2	U	N						D	U	0.6	2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7816	2.6	U	N						D	U	0.8	2.6	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	528-29-0	DNBZ12	1,2-Dinitro	82	100	PERCENT	1			=	Y			82	50	150	W	=			FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW6010	SW3050	7/17/2008	10:51	7/21/2008	7/31/2008	11:00	8/4/2008	21:32	96.8	26060	7439-92-1	PB	Lead	14.2		mg/kg	1	0.1065	0.3678	=	N						D	=	0.11	0.38	FWDA-Y-B	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0387	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0387	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0484	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0484	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0581	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0581	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0581	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0581	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0678	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0678	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0678	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0678	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0774	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0774	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5808	2	U	N						D	U	0.6	2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7744	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	528-29-0	DNBZ12	1,2-Dinitro	81	100	PERCENT	1			=	Y			81	50	150	W	=			FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW6010	SW3050	7/17/2008	10:17	7/21/2008	7/31/2008	11:00	8/4/2008	20:41	96.5	26060	7439-92-1	PB	Lead	15.3		mg/kg	1	0.1062	0.3667	=	N						D	=	0.11	0.38	FWDA-Y-B	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0386	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0386	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0483	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0483	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0569	0.18	U	N						D	U	0.059	0.18	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0569	0.18	U	N						D	U	0.059	0.18	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0569	0.2	U	N						D	U	0.059	0.2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0569	0.2	U	N						D	U	0.059	0.2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0666	0.21	U	N						D	U	0.069	0.21	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0666	0.22	U	N						D	U	0.069	0.22	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0666	0.23	U	N						D	U	0.069	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0666	0.23	U	N						D	U	0.069	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0762	0.24	U	N						D	U	0.079	0.24	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0762	0.25	U	N						D	U	0.079	0.25	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5694	2	U	N						D	U	0.59	2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7624	2.6	U	N						D	U	0.79	2.6	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	528-29-0	DNBZ12	1,2-Dinitro	87	100	PERCENT	1			=	Y			87	50	150	W	=			FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW6010	SW3050	7/17/2008	9:40	7/21/2008	7/31/2008	11:00	8/5/2008	14:38	95.9	26060	7439-92-1	PB	Lead	7.8		mg/kg	1	0.1055	0.374	=	N						D	=	0.11	0.39	FWDA-Y-B	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0384	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0384	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.048	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.048	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0575	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0575	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0575	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0575	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0671	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0671	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0671	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0671	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0767	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0767	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5754	2	U	N						D	U	0.6	2	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7672	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	528-29-0	DNBZ12	1,2-Dinitro	82	100	PERCENT	1			=	Y			82	50	150	W	=			FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW6010	SW3050	7/17/2008	8:56	7/21/2008	7/31/2008	11:00	8/4/2008	20:28	98.3	26060	7439-92-1	PB	Lead	7.1		mg/kg	1	0.1081	0.3735	=	N						D	=	0.11	0.38	FWDA-Y-B	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0393	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0393	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0492	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0492	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469	

4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0688	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0688	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0688	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0688	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0777	0.24	U	N						D	U	0.079	0.24	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0777	0.25	U	N						D	U	0.079	0.25	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5898	2	U	N						D	U	0.6	2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7766	2.6	U	N						D	U	0.79	2.6	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	528-29-0	DNBZ12	1,2-Dinitro	81	100	PERCENT	1			=	Y			81	50	150	W	=			FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW6010	SW3050	7/16/2008	14:27	7/21/2008	7/31/2008	11:00	8/4/2008	19:56	95.2	26060	7439-92-1	PB	Lead	6.6		mg/kg	1	0.1142	0.3713	=	N						D	=	0.12	0.39	FWDA-Y-B	NONE				51629
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0381	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0381	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0476	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0476	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0571	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0571	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0571	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0571	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0666	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0666	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0666	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0666	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0762	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0762	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5712	2	U	N						D	U	0.6	2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7616	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	528-29-0	DNBZ12	1,2-Dinitro	89	100	PERCENT	1			=	Y			89	50	150	W	=			FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW6010	SW3050	7/17/2008	8:14	7/21/2008	7/31/2008	11:00	8/4/2008	20:15	95.7	26060	7439-92-1	PB	Lead	5.5		mg/kg	1	0.1053	0.3732	=	N						D	=	0.11	0.39	FWDA-Y-B	NONE				51629
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0383	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0383	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0479	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0479	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0574	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0574	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0574	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0574	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.067	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.067	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.067	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.067	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0766	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0766	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5742	2	U	N						D	U	0.6	2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7656	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	528-29-0	DNBZ12	1,2-Dinitro	83	100	PERCENT	1			=	Y			83	50	150	W	=			FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW6010	SW3050	7/16/2008	8:23	7/21/2008	7/31/2008	11:00	8/4/2008	19:50	97.2	26060	7439-92-1	PB	Lead	4.6		mg/kg	1	0.1069	0.3694	=	N						D	=	0.11	0.38	FWDA-Y-B	NONE				51629
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0389	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0389	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0486	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0486	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0583	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0583	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0583	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0583	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.068	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.068	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.068	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.068	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0787	0.24	U	N						D	U	0.081	0.24	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0787	0.25	U	N						D	U	0.081	0.25	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5832	2	U	N						D	U	0.6	2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7873	2.6	U	N						D	U	0.81	2.6	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	528-29-0	DNBZ12	1,2-Dinitro	88	100	PERCENT	1			=	Y			88	50	150	W	=			FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW6010	SW3050	7/15/2008	14:27	7/21/2008	7/31/2008	11:00	8/4/2008	21:13	96.4	26060	7439-92-1	PB	Lead	5.7		mg/kg	1	0.106	0.3663	=	N						D	=	0.11	0.38	FWDA-Y-B	NONE				51629
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	99-65-0	DNB13	1,3-Dinitro	0.13		mg/kg	1	0.0386	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	121-14-2	DNT24	2,4-Dinitro	0.23		mg/kg	1	0.0386	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	88-72-2	NBZME2	2-Nitrotolu	0.14		mg/kg	1	0.0482	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	98-95-3	NO2BZ	Nitrobenze	0.15		mg/kg	1	0.0482	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	35572-78-	A2DNT46	2-Amino-4	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	99-35-4	TNB135	1,3,5-Trini	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	606-20-2	DNT26	2,6-Dinitro	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0675	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	99-08-1	NBZME3	3-Nitrotolu	0.22		mg/kg	1	0.0675	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	99-99-0	NBZME4	4-Nitrotolu	0.23		mg/kg	1	0.0675	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0675	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	118-96-7	TNT	2,4,6-Trini	0.24		mg/kg	1	0.0771	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	19406-51-	A4DNT26	4-Amino-2	0.25		mg/kg	1	0.0771	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	55-63-0	NTG	Nitroglyce	2		mg/kg	1	0.5784	2	U	N						D	U	0.6	2	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7712	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	528-29-0	DNBZ12	1,2-Dinitro	85	100	PERCENT	1			=	Y			85	50	150	W	=			FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	479-45-8	TETRYL	Tetryl	1.45	2	mg/kg	1	0.0701	0.23	=	N			72	10	150	D	=	0.0701	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	19406-51-	A4DNT26	4-Amino-2	1.61	2	mg/kg	1	0.0801	0.25	=	N			80	80	125	D	=	0.0801	0.25	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	121-82-4	RDX	RDX	1.69	2	mg/kg	1	0.0601	0.18	=	N			84	70	135	D	=	0.0601	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	99-35-4	TNB135	1,3,5-Trini	1.75	2	mg/kg	1	0.0601	0.2	=	N			88	75	125	D	=	0.0601	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	99-65-0	DNB13	1,3-Dinitro	1.78	2	mg/kg	1	0.04	0.13	=	N			89	80	125	D	=	0.04	0.13	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	118-96-7	TNT	2,4,6-Trini	1.8	2	mg/kg	1	0.0801	0.24	=	N			90	55	140	D	=	0.0801	0.24	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	606-20-2	DNT26	2,6-Dinitro	1.87	2	mg/kg	1	0.0601	0.2	=	N			94	80	120	D	=	0.0601	0.2	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	35572-78-	A2DNT46	2-Amino-4	1.89	2	mg/kg	1	0.0601	0.18	=	N			94	80	125	D	=	0.0601	0.18	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	99-08-1	NBZME3	3-Nitrotolu	1.9	2	mg/kg	1	0.0701	0.22	=	N			95	75	120	D	=	0.0701	0.22	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	99-99-0	NBZME4	4-Nitrotolu	1.91	2	mg/kg	1	0.0701	0.23	=	N			96	80	125	D	=	0.0701	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	88-72-2	NBZME2	2-Nitrotolu	1.92	2	mg/kg	1	0.0501	0.14	=	N			96	80	125	D	=	0.0501	0.14	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	98-95-3	NO2BZ	Nitrobenze	1.96	2	mg/kg	1	0.0501	0.15	=	N			98	75	125	D	=	0.0501	0.15	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	0	26095	528-29-0	DNBZ12	1,2-Dinitro	101	100	PERCENT	1			=	Y			101	81	117	W	=			FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	121-14-2	DNT24	2,4-Dinitro	2.03	2	mg/kg	1	0.04	0.23	=	N			102	80	125	D	=	0.04	0.23	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	2691-41-0	HMX	HMX	2.19	2	mg/kg	1	0.0701	0.21	=	N			110	75	125	D	=	0.0701	0.21	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588692	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	14:28	94.2	26095	78-11-5	PETN	PETN	9.2	7.96	mg/kg	1	0.804	2.61	=	N			116	80	125	D	=	0.804	2.61	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588692	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	14:28	94.2	26095	55-63-0	NTG	Nitroglyce	9.31	7.96	mg/kg	1	0.603	2.01	=	N			117	80	125	D	=	0.603	2.01	FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588692	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	14:28	0	26095	528-29-0	DNBZ12	1,2-Dinitro	93.4	100	PERCENT	1			=	Y			93.4	81	117	W	=			FWDA-AO(	NONE				51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	589044	SW8082	SW3545	7/24/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:36	98.9	26111	12674-11-	PCB1016	Aroclor 10	332	506	ug/kg	1	9.11	31.4	=	N			66	50	150	D	=	9.11	31.4	FWDA-AO(	NONE				51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	589044	SW8082	SW3545	7/24/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:36	98.9	26111	11096-82-	PCB1260	Aroclor 12	453	506	ug/kg	1	6.07	19.2	=	N			90	50	150	D	=	6.07	19.2	FWDA-AO(	NONE				51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	589044	SW8082	SW3545	7/24/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:36	0	26111	877-09-8	XYL2456CL	Tetrachlor	61.5	100	PERCENT	1			=	Y			61.5	50	150	W	=			FWDA-AO(	NONE				51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	589044	SW8082	SW3545	7/24/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:36	0	26111	2051-24-3	CL10BZ2	Decachloro	92.2	100	PERCENT	1			=	Y			92.2	50	150	W	=			FWDA-AO(	NONE				51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	121-82-4	RDX	RDX	1.62	2.01	mg/kg	1	0.0596	0.179	=	N			81	70	135	D	=	0.0596	0.179	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	479-45-8	TETRYL	Tetryl	1.86	2.01	mg/kg	1	0.0696	0.229	=	N			93	10	150	D	=	0.0696	0.229	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	99-99-0	NBZME4	4-Nitrotolu	1.9	2.01	mg/kg	1	0.0696	0.229	=	N			95	80	125	D	=	0.0696	0.229	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	2691-41-0	HMX	HMX	1.97	2.01	mg/kg	1	0.0696	0.209	=	N			98	75	125	D	=	0.0696	0.209	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	0	26096	528-29-0	DNBZ12	1,2-Dinitro	115	100	PERCENT	1			=	Y			115	81	117	W	=			FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	98-95-3	NO2BZ	Nitrobenze	2.02	2.01	mg/kg	1	0.0497	0.149	=	N			100	75	125	D	=	0.0497	0.149	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	118-96-7	TNT	2,4,6-Trini	2.08	2.01	mg/kg	1	0.0795	0.239	=	N			103	55	140	D	=	0.0795	0.239	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	99-65-0	DNB13	1,3-Dinitro	2.09	2.01	mg/kg	1	0.0398	0.129	=	N			104	80	125	D	=	0.0398	0.129	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	121-14-2	DNT24	2,4-Dinitro	2.09	2.01	mg/kg	1	0.0398	0.229	=	N			104	80	125	D	=	0.0398	0.229	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	88-72-2	NBZME2	2-Nitrotolu	2.1	2.01	mg/kg	1	0.0497	0.139	=	N			104	80	125	D	=	0.0497	0.139	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	35572-78-	A2DNT46	2-Amino-4	2.1	2.01	mg/kg	1	0.0596	0.179	=	N			104	80	125	D	=	0.0596	0.179	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	99-08-1	NBZME3	3-Nitrotolu	2.11	2.01	mg/kg	1	0.0696	0.219	=	N			105	75	120	D	=	0.0696	0.219	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	99-35-4	TNB135	1,3,5-Trini	2.14	2.01	mg/kg	1	0.0596	0.199	=	N			106	75	125	D	=	0.0596	0.199	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	606-20-2	DNT26	2,6-Dinitro	2.14	2.01	mg/kg	1	0.0596	0.199	=	N			106	80	120	D	=	0.0596	0.199	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	19406-51-	A4DNT26	4-Amino-2	2.15	2.01	mg/kg	1	0.0795	0.249	=	N			107	80	125	D	=	0.0795	0.249	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588702	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	5:01	98.9	26096	78-11-5	PETN	PETN	6.82	7.91	mg/kg	1	0.809	2.63	=	N			86	80	125	D	=	0.809	2.63	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588702	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	5:01	98.9	26096	55-63-0	NTG	Nitroglyce	7.44	7.91	mg/kg	1	0.607	2.02	=	N			94	80	125	D	=	0.607	2.02	FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	SD		Soil	588702	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	5:01	0	26096	528-29-0	DNBZ12	1,2-Dinitro	85.4	100	PERCENT	1			=	Y			85.4	81	117	W	=			FWDA-AO(	NONE				51774
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	99-08-1	NBZME3	3-Nitrotolu	1.75	1.99	mg/kg	1	0.0704	0.221	=	N			88	75	120	D	=	0.0704	0.221	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	99-99-0	NBZME4	4-Nitrotolu	1.81	1.99	mg/kg	1	0.0704	0.231	=	N			91	80	125	D	=	0.0704	0.231	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	99-65-0	DNB13	1,3-Dinitro	1.83	1.99	mg/kg	1	0.0402	0.131	=	N			92	80	125	D	=	0.0402	0.131	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	99-35-4	TNB135	1,3,5-Trini	1.83	1.99	mg/kg	1	0.0604	0.201	=	N			92	75	125	D	=	0.0604	0.201	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	121-82-4	RDX	RDX	1.84	1.99	mg/kg	1	0.0604	0.181	=	N			92	70	135	D	=	0.0604	0.181	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	479-45-8	TETRYL	Tetryl	1.86	1.99	mg/kg	1	0.0704	0.231	=	N			93	10	150	D	=	0.0704	0.231	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	121-14-2	DNT24	2,4-Dinitro	1.91	1.99	mg/kg	1	0.0402	0.231	=	N			96	80	125	D	=	0.0402	0.231	FWDA-Y-B	NONE				51469

4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	88-72-2	NBZME2	2-Nitrotol	1.92	1.99	mg/kg	1	0.0503	0.141	=	N			96	80	125	D	=	0.0503	0.141	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	98-95-3	NO2BZ	Nitrobenz	1.93	1.99	mg/kg	1	0.0503	0.151	=	N			97	75	125	D	=	0.0503	0.151	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	35572-78-	A2DNT46	2-Amino-4	1.94	1.99	mg/kg	1	0.0604	0.181	=	N			97	80	125	D	=	0.0604	0.181	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	2691-41-0	HMX	HMX	1.94	1.99	mg/kg	1	0.0704	0.211	=	N			97	75	125	D	=	0.0704	0.211	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	118-96-7	TNT	2,4,6-Trini	1.94	1.99	mg/kg	1	0.0805	0.241	=	N			97	55	140	D	=	0.0805	0.241	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	606-20-2	DNT26	2,6-Dinitro	2.02	1.99	mg/kg	1	0.0604	0.201	=	N			102	80	120	D	=	0.0604	0.201	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	19406-51-	A4DNT26	4-Amino-2	2.06	1.99	mg/kg	1	0.0805	0.252	=	N			104	80	125	D	=	0.0805	0.252	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	0	25999	528-29-0	DNBZ12	1,2-Dinitro	90.3	100	PERCENT	1			=	Y			90.3	81	117	W	=			FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584479	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	18:35	96.4	25999	78-11-5	PETN	PETN	8.18	8.07	mg/kg	1	0.793	2.58	=	N			101	80	125	D	=	0.793	2.58	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584479	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	18:35	96.4	25999	55-63-0	NTG	Nitroglyce	8.52	8.07	mg/kg	1	0.595	1.98	=	N			106	80	125	D	=	0.595	1.98	FWDA-Y-B	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	SD		Soil	584479	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	18:35	0	25999	528-29-0	DNBZ12	1,2-Dinitro	95.2	100	PERCENT	1			=	Y			95.2	81	117	W	=			FWDA-Y-B	NONE				51469	

VersionCod	LabName	SDG	FieldID	NativeID	QAQCType	LRType	Matrix	LabSample	AnalysisMe	ExtractionM	SampleDate	SampleTim	ReceiveDate	ExtractDate	ExtractTim	AnalysisDate	AnalysisTin	PercentSol	LabLotCtlN	CAS	ParamID	Analyte	Result	ExpectedV	Units	Dilution	MDL	RL	LabQualifie	Surrogate	Comments	ParValUnc	Recovery	LowerCont	UpperCont	Basis	ConcQual	MDLAdjust	RLAdjusted	Client_Sam	LeachMeth	LeachDate	LeachTime	LeachLot	AnalysisLot	CalRefID
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	E160.3	NONE	7/17/2008	10:51	7/21/2008			7/23/2008	17:00	96.8		SOLID	SOLID	Total Solids	96.8		PERCENT	1	1		=	N						W	=	1		FWDA-Y-B1	NONE				51358	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0387	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0387	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0484	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0484	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0581	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0581	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0581	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0581	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0678	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0678	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0678	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0678	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0774	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0774	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5808	2	U	N						D	U	0.6	2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7744	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW8330B	SW8330B	7/17/2008	10:51	7/21/2008	7/25/2008	13:00	7/29/2008	2:55	96.8	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	81	100	PERCENT	1			=	Y			81	50	150	W	=			FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582867	SW6010	SW3050	7/17/2008	10:51	7/21/2008	7/31/2008	11:00	8/4/2008	21:32	96.8	26060	7439-92-1	PB	Lead	14.2		mg/kg	1	0.1065	0.3678	=	N						D	=	0.11	0.38	FWDA-Y-B1	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	E160.3	NONE	7/17/2008	10:17	7/21/2008			7/23/2008	17:00	96.5		SOLID	SOLID	Total Solids	96.4		PERCENT	1	1		=	N						W	=	1		FWDA-Y-B1	NONE				51358	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0386	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0386	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0483	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0483	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0569	0.18	U	N						D	U	0.059	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0569	0.18	U	N						D	U	0.059	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0569	0.2	U	N						D	U	0.059	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0569	0.2	U	N						D	U	0.059	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0666	0.21	U	N						D	U	0.069	0.21	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0666	0.22	U	N						D	U	0.069	0.22	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0666	0.23	U	N						D	U	0.069	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0666	0.23	U	N						D	U	0.069	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0762	0.24	U	N						D	U	0.079	0.24	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0762	0.25	U	N						D	U	0.079	0.25	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5694	2	U	N						D	U	0.59	2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7624	2.6	U	N						D	U	0.79	2.6	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW8330B	SW8330B	7/17/2008	10:17	7/21/2008	7/25/2008	13:00	7/28/2008	16:12	96.5	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	87	100	PERCENT	1			=	Y			87	50	150	W	=			FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582865	SW6010	SW3050	7/17/2008	10:17	7/21/2008	7/31/2008	11:00	8/4/2008	20:41	96.5	26060	7439-92-1	PB	Lead	15.3		mg/kg	1	0.1062	0.3667	=	N						D	=	0.11	0.38	FWDA-Y-B1	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	E160.3	NONE	7/17/2008	9:40	7/21/2008			7/23/2008	17:00	95.9		SOLID	SOLID	Total Solids	95.9		PERCENT	1	1		=	N						W	=	1		FWDA-Y-B1	NONE				51358	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0384	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0384	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.048	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.048	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0575	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0575	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0575	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0575	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0671	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0671	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0671	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0671	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0767	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0767	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5754	2	U	N						D	U	0.6	2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7672	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW8330B	SW8330B	7/17/2008	9:40	7/21/2008	7/25/2008	13:00	7/29/2008	1:43	95.9	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	82	100	PERCENT	1			=	Y			82	50	150	W	=			FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582864	SW6010	SW3050	7/17/2008	9:40	7/21/2008	7/31/2008	11:00	8/5/2008	14:38	95.9	26060	7439-92-1	PB	Lead	7.8		mg/kg	1	0.1055	0.374	=	N						D	=	0.11	0.39	FWDA-Y-B1	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	E160.3	NONE	7/17/2008	8:56	7/21/2008			7/23/2008	17:00	98.3		SOLID	SOLID	Total Solids	98.3		PERCENT	1	1		=	N						W	=	1		FWDA-Y-B1	NONE				51358	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0393	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0393	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0492	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0492	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.059	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.059	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0688	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0688	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0688	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0688	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0777	0.24	U	N						D	U	0.079	0.24	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0777	0.25	U	N						D	U	0.079	0.25	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5898	2	U	N						D	U	0.6	2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7766	2.6	U	N						D	U	0.79	2.6	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW8330B	SW8330B	7/17/2008	8:56	7/21/2008	7/25/2008	13:00	7/29/2008	1:08	98.3	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	81	100	PERCENT	1			=	Y			81	50	150	W	=			FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582863	SW6010	SW3050	7/17/2008	8:56	7/21/2008	7/31/2008	11:00	8/4/2008	20:28	98.3	26060	7439-92-1	PB	Lead	7.1		mg/kg	1	0.1081	0.3735	=	N						D	=	0.11	0.38	FWDA-Y-B1	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	E160.3	NONE	7/16/2008	14:27	7/21/2008			7/23/2008	17:00	95.2		SOLID	SOLID	Total Solids	95.2		PERCENT	1	1		=	N						W	=	1		FWDA-Y-B1	NONE				51358	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0381	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0381	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0476	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0476	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0571	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0571	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0571	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0571	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0666	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0666	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0666	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0666	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0762	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0762	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5712	2	U	N						D	U	0.6	2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7616	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW8330B	SW8330B	7/16/2008	14:27	7/21/2008	7/25/2008	13:00	7/28/2008	19:46	95.2	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	89	100	PERCENT	1			=	Y			89	50	150	W	=			FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582860	SW6010	SW3050	7/16/2008	14:27	7/21/2008	7/31/2008	11:00	8/4/2008	19:56	95.2	26060	7439-92-1	PB	Lead	6.6		mg/kg	1	0.1142	0.3713	=	N						D	=	0.12	0.39	FWDA-Y-B1	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	E160.3	NONE	7/17/2008	8:14	7/21/2008			7/23/2008	17:00	95.7		SOLID	SOLID	Total Solids	95.7		PERCENT	1	1		=	N						W	=	1		FWDA-Y-B1	NONE				51358	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0383	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0383	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0479	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0479	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0574	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0574	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0574	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0574	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.067	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.067	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.067	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.067	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0766	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0766	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5742	2	U	N						D	U	0.6	2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7656	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/28/2008	23:56	95.7	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	83	100	PERCENT	1			=	Y			83	50	150	W	=			FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582861	SW6010	SW3050	7/17/2008	8:14	7/21/2008	7/31/2008	11:00	8/4/2008	20:15	95.7	26060	7439-92-1	PB	Lead	5.5		mg/kg	1	0.1053	0.3732	=	N						D	=	0.11	0.39	FWDA-Y-B1	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	E160.3	NONE	7/17/2008	8:14	7/21/2008			7/23/2008	17:00	96		SOLID	SOLID	Total Solids	96		PERCENT	1	1		=	N						W	=	1		FWDA-Y-B1	NONE				51358	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0384	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0384	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.048	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.048	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0576	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0576	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0576	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0576	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0672	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0672	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0672	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0672	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0768	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0768	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.576	2	U	N						D	U	0.6	2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.768	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW8330B	SW8330B	7/17/2008	8:14	7/21/2008	7/25/2008	13:00	7/29/2008	0:32	96	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	81	100	PERCENT	1			=	Y			81	50	150	W	=			FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582862	SW6010	SW3050	7/17/2008	8:14	7/21/2008	7/31/2008	11:00	8/4/2008	20:22	96	26060	7439-92-1	PB	Lead	5.5		mg/kg	1	0.1056	0.3744	=	N						D	=	0.11	0.39	FWDA-Y-B1	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582859	E160.3	NONE	7/16/2008	8:23	7/21/2008			7/23/2008	17:00	97.2		SOLID	SOLID	Total Solids	97.2		PERCENT	1	1		=	N						W	=	1		FWDA-Y-B1	NONE				51358	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0389	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0389	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0486	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0486	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0583	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0583	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0583	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0583	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.068	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.068	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B1	NONE				51469	

4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.068	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.068	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0787	0.24	U	N						D	U	0.081	0.24	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0787	0.25	U	N						D	U	0.081	0.25	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5832	2	U	N						D	U	0.6	2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7873	2.6	U	N						D	U	0.81	2.6	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582859	SW8330B	SW8330B	7/16/2008	8:23	7/21/2008	7/25/2008	13:00	7/28/2008	19:10	97.2	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	88	100	PERCENT	1			=	Y			88	50	150	W	=			FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582859	SW6010	SW3050	7/16/2008	8:23	7/21/2008	7/31/2008	11:00	8/4/2008	19:50	97.2	26060	7439-92-1	PB	Lead	4.6		mg/kg	1	0.1069	0.3694	=	N						D	=	0.11	0.38	FWDA-Y-B1	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	E160.3	NONE	7/15/2008	14:27	7/21/2008			7/23/2008	17:00	96.4		SOLID	SOLID	Total Solids	96.4		PERCENT	1	1		=	N						W	=	1		FWDA-Y-B1	NONE				51358	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0386	0.13	U	N						D	U	0.04	0.13	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0386	0.23	U	N						D	U	0.04	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0482	0.14	U	N						D	U	0.05	0.14	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0482	0.15	U	N						D	U	0.05	0.15	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0675	0.21	U	N						D	U	0.07	0.21	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0675	0.22	U	N						D	U	0.07	0.22	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0675	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0675	0.23	U	N						D	U	0.07	0.23	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0771	0.24	U	N						D	U	0.08	0.24	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0771	0.25	U	N						D	U	0.08	0.25	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5784	2	U	N						D	U	0.6	2	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7712	2.6	U	N						D	U	0.8	2.6	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW8330B	SW8330B	7/15/2008	14:27	7/21/2008	7/25/2008	13:00	7/29/2008	2:19	96.4	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	85	100	PERCENT	1			=	Y			85	50	150	W	=			FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	N		Soil	582866	SW6010	SW3050	7/15/2008	14:27	7/21/2008	7/31/2008	11:00	8/4/2008	21:13	96.4	26060	7439-92-1	PB	Lead	5.7		mg/kg	1	0.106	0.3663	=	N						D	=	0.11	0.38	FWDA-Y-B1	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	479-45-8	TETRYL	Tetryl	0.7		ug/L	1	0.2	0.7	U	N						X	U	0.2	0.7	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.8		ug/L	1	0.3	0.8	U	N						X	U	0.3	0.8	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	99-65-0	DNB13	1,3-Dinitrobenzene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	606-20-2	DNT26	2,6-Dinitrotoluene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	99-99-0	NBZME4	4-Nitrotoluene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	98-95-3	NO2BZ	Nitrobenzene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	88-72-2	NBZME2	2-Nitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	121-14-2	DNT24	2,4-Dinitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	118-96-7	TNT	2,4,6-Trinitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	99-08-1	NBZME3	3-Nitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	55-63-0	NTG	Nitroglycerin	7.7		ug/L	1	2.3	7.7	U	N						X	U	2.3	7.7	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	78-11-5	PETN	PETN	15		ug/L	1	4.4	15	U	N						X	U	4.4	15	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	2691-41-0	HMX	HMX	0.54		ug/L	1	0.3	0.9	JP	N						X	J	0.3	0.9	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	121-82-4	RDX	RDX	0.94		ug/L	1	0.3	0.7	#NAME?	N						X	=	0.3	0.7	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02	0	25970	99-35-4	TNB135	1,3,5-Trinitrobenzene	1.5		ug/L	1	0.3	0.8	#NAME?	N						X	=	0.3	0.8	FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW8330B	SW8330B	7/17/2008	9:51	7/21/2008	7/23/2008	13:00	7/25/2008	18:02		25970	528-29-0	DNBZ12	1,2-Dinitrobenzene	89	100	PERCENT	1			=	Y			89	50	150	X	=			FWDA-Y-EE	NONE				51362	
4.3	CTLabs	67874	FWDA-Y-EE	FWDA-Y-EE	N		WATER	582877	SW6010	TOTAL	7/17/2008	9:51	7/21/2008	7/23/2008	9:30	7/24/2008	17:17	0	25972	7439-92-1	PB	Lead	4.6		ug/L	1	1.4	4.6	U	N						X	U	1.4	4.6	FWDA-Y-EE	NONE				51383	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	E160.3	NONE	7/21/2008	14:53	7/24/2008			7/30/2008	17:30	94.6		SOLID	SOLID	Total Solids	94.6		PERCENT	1	1		=	N						W	=	1		FWDA-AOC	NONE				51498	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0378	0.13	U	N						D	U	0.04	0.13	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0378	0.23	U	N						D	U	0.04	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0473	0.14	U	N						D	U	0.05	0.14	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0473	0.15	U	N						D	U	0.05	0.15	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0568	0.18	U	N						D	U	0.06	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0568	0.18	U	N						D	U	0.06	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0568	0.2	U	N						D	U	0.06	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0568	0.2	U	N						D	U	0.06	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0662	0.21	U	N						D	U	0.07	0.21	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0662	0.22	U	N						D	U	0.07	0.22	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0662	0.23	U	N						D	U	0.07	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0662	0.23	U	N						D	U	0.07	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0757	0.24	U	N						D	U	0.08	0.24	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0757	0.25	U	N						D	U	0.08	0.25	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5676	2	U	N						D	U	0.6	2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7568	2.6	U	N						D	U	0.8	2.6	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW8330B	SW8330B	7/21/2008	14:53	7/24/2008	8/2/2008	14:45	8/4/2008	20:15	94.6	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	75	100	PERCENT	1			=	Y			75	50	150	W	=			FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585003	SW6010	SW3050	7/21/2008	14:53	7/24/2008	7/31/2008	11:00	8/4/2008	22:24	94.6	26060	7439-92-1	PB	Lead	7.4		mg/kg	1	0.1135	0.3689	=	N						D	=	0.12	0.39	FWDA-AOC	NONE				51629	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	E160.3	NONE	7/21/2008	15:14	7/24/2008			7/30/2008	17:30	94.2		SOLID	SOLID	Total Solids	94.2		PERCENT	1	1		=	N						W	=	1		FWDA-AOC	NONE				51498	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0377	0.13	U	N						D	U	0.04	0.13	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0377	0.23	U	N						D	U	0.04	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0471	0.14	U	N						D	U	0.05	0.14	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0471	0.15	U	N						D	U	0.05	0.15	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0565	0.18	U	N						D	U	0.06	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0565	0.18	U	N						D	U	0.06	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0565	0.2	U	N						D	U	0.06	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0565	0.2	U	N						D	U	0.06	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0659	0.21	U	N						D	U	0.07	0.21	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0659	0.22	U	N						D	U	0.07	0.22	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0659	0.23	U	N						D	U	0.07	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0659	0.23	U	N						D	U	0.07	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0754	0.24	U	N						D	U	0.08	0.24	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0754	0.25	U	N						D	U	0.08	0.25	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5652	2	U	N						D	U	0.6	2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7536	2.6	U	N						D	U	0.8	2.6	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW8330B	SW8330B	7/21/2008	15:14	7/24/2008	8/2/2008	14:45	8/4/2008	11:58	94.2	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	73	100	PERCENT	1			=	Y			73	50	150	W	=			FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584996	SW6010	SW3050	7/21/2008	15:14	7/24/2008	7/31/2008	11:00	8/4/2008	21:38	94.2	26060	7439-92-1	PB	Lead	6.6		mg/kg	1	0.113	0.3674	=	N						D	=	0.12	0.39	FWDA-AOC	NONE				51629	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	E160.3	NONE	7/21/2008	15:57	7/24/2008			7/30/2008	17:30	96.9		SOLID	SOLID	Total Solids	96.9		PERCENT	1	1		=	N						W	=	1		FWDA-AOC	NONE				51498	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0388	0.13	U	N						D	U	0.04	0.13	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0388	0.23	U	N						D	U	0.04	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0485	0.14	U	N						D	U	0.05	0.14	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0485	0.15	U	N						D	U	0.05	0.15	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0581	0.18	U	N						D	U	0.06	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0581	0.18	U	N						D	U	0.06	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0581	0.2	U	N						D	U	0.06	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0678	0.21	U	N						D	U	0.07	0.21	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0678	0.22	U	N						D	U	0.07	0.22	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0678	0.23	U	N						D	U	0.07	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0678	0.23	U	N						D	U	0.07	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0775	0.24	U	N						D	U	0.08	0.24	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0775	0.25	U	N						D	U	0.08	0.25	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5814	2	U	N						D	U	0.6	2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7752	2.6	U	N						D	U	0.8	2.6	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.1		mg/kg	1	0.0581	0.2	JP	N						D	J	0.06	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW8330B	SW8330B	7/21/2008	15:57	7/24/2008	8/2/2008	14:45	8/4/2008	18:23	96.9	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	85	100	PERCENT	1			=	Y			85	50	150	W	=			FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585000	SW6010	SW3050	7/21/2008	15:57	7/24/2008	7/31/2008	11:00	8/4/2008	22:05	96.9	26060	7439-92-1	PB	Lead	4.9		mg/kg	1	0.1066	0.3682	=	N						D	=	0.11	0.38	FWDA-AOC	NONE				51629	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	E160.3	NONE	7/21/2008	16:14	7/24/2008			7/30/2008	17:30	96.8		SOLID	SOLID	Total Solids	96.8		PERCENT	1	1		=	N						W	=	1		FWDA-AOC	NONE				51498	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0387	0.13	U	N						D	U	0.04	0.13	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0387	0.23	U	N						D	U	0.04	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0484	0.14	U	N						D	U	0.05	0.14	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0484	0.15	U	N						D	U	0.05	0.15	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0581	0.18	U	N						D	U	0.06	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0581	0.18	U	N						D	U	0.06	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0581	0.2	U	N						D	U	0.06	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0581	0.2	U	N						D	U	0.06	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0678	0.21	U	N						D	U	0.07	0.21	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0678	0.22	U	N						D	U	0.07	0.22	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0678	0.23	U	N						D	U	0.07	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0678	0.23	U	N						D	U	0.07	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0774	0.24	U	N						D	U	0.08	0.24	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0774	0.25	U	N						D	U	0.08	0.25	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5808	2	U	N						D	U	0.6	2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7744	2.6	U	N						D	U	0.8	2.6	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW8330B	SW8330B	7/21/2008	16:14	7/24/2008	8/2/2008	14:45	8/4/2008	15:06	96.8	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	95	100	PERCENT	1			=	Y			95	50	150	W	=			FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	584997	SW6010	SW3050	7/21/2008	16:14	7/24/2008	7/31/2008	11:00	8/4/2008	21:45	96.8	26060	7439-92-1	PB	Lead	5.7		mg/kg	1	0.1065	0.3678	=	N						D	=	0.11	0.38	FWDA-AOC	NONE				51629	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	E160.3	NONE	7/22/2008	8:16	7/24/2008			7/30/2008	17:30	97.1		SOLID	SOLID	Total Solids	97.1		PERCENT	1	1		=	N						W	=	1		FWDA-AOC	NONE				51498	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0388	0.13	U	N						D	U	0.04	0.13	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0388	0.23	U	N						D	U	0.04	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0486	0.14	U	N						D	U	0.05	0.14	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0486	0.15	U	N						D	U	0.05	0.15	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0583	0.18	U	N						D	U	0.06	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0583	0.18	U	N						D	U	0.06	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0583	0.2	U	N						D	U	0.06	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0583	0.2	U	N						D	U	0.06	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.068	0.21	U	N						D	U	0.07	0.21	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.068	0.22	U	N						D	U	0.07	0.22	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.068	0.23	U	N						D	U	0.07	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.068	0.23	U	N						D	U	0.07	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0777	0.24	U	N						D	U	0.08	0.24	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0777	0.25	U	N						D	U	0.08	0.25	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5826	2	U	N						D	U	0.6	2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7768	2.6	U	N						D	U	0.8	2.6	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW8330B	SW8330B	7/22/2008	8:16	7/24/2008	8/2/2008	14:45	8/4/2008	19:00	97.1	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	78	100	PERCENT	1			=	Y			78	50	150	W	=			FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585001	SW6010	SW3050	7/22/2008	8:16	7/24/2008	7/31/2008	11:00	8/4/2008	22:11	97.1	26060	7439-92-1	PB	Lead	4.6		mg/kg	1	0.1068	0.369	=	N						D	=	0.11	0.38	FWDA-AOC	NONE				51629	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585006	E160.3	NONE	7/22/2008	8:59	7/24/2008			7/30/2008	17:30	97.2		SOLID	SOLID	Total Solids	97.2		PERCENT	1	1		=	N						W	=	1		FWDA-AOC	NONE				51498	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0389	0.13	U	N						D	U	0.04	0.13	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0389	0.23	U	N						D	U	0.04	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0486	0.14	U	N						D	U	0.05	0.14	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0486	0.15	U	N						D	U	0.05	0.15	FWDA-AOC	NONE				51630	

4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0583	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0583	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.068	0.21	U	N						D	U	0.07	0.21	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.068	0.22	U	N						D	U	0.07	0.22	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.068	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.068	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0778	0.24	U	N						D	U	0.08	0.24	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0778	0.25	U	N						D	U	0.08	0.25	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5832	2	U	N						D	U	0.6	2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7776	2.6	U	N						D	U	0.8	2.6	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	121-82-4	RDX	RDX	0.14		mg/kg	1	0.0583	0.18	JP	N						D	J	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0583	0.2	#NAME?	N						D	=	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:08	97.2	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	89	100	PERCENT	1			=	Y			89	50	150	W	=			FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585006	SW6010	SW3050	7/22/2008	8:59	7/24/2008	7/31/2008	11:00	8/4/2008	22:56	97.2	26060	7439-92-1	PB	Lead	4.4		mg/kg	1	0.1069	0.3694	=	N						D	=	0.11	0.38	FWDA-AO	NONE				51629	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	E160.3	NONE	7/22/2008	8:59	7/24/2008			7/30/2008	17:30	97.2		SOLID	SOLID	Total Solids	97.2		PERCENT	1	1		=	N						W	=	1		FWDA-AO	NONE				51498	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0389	0.13	U	N						D	U	0.04	0.13	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0486	0.14	U	N						D	U	0.05	0.14	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0486	0.15	U	N						D	U	0.05	0.15	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0583	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0583	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0583	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.068	0.21	U	N						D	U	0.07	0.21	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.068	0.22	U	N						D	U	0.07	0.22	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.068	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0778	0.24	U	N						D	U	0.08	0.24	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5832	2	U	N						D	U	0.6	2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7776	2.6	U	N						D	U	0.8	2.6	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	479-45-8	TETRYL	Tetryl	0.08		mg/kg	1	0.068	0.23	JP	N						D	J	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.13		mg/kg	1	0.0583	0.2	JP	N						D	J	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.14		mg/kg	1	0.0389	0.23	JP	N						D	J	0.04	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.14		mg/kg	1	0.0778	0.25	JP	N						D	J	0.08	0.25	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW8330B	SW8330B	7/22/2008	8:59	7/24/2008	8/2/2008	14:45	8/4/2008	22:45	97.2	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	89	100	PERCENT	1			=	Y			89	50	150	W	=			FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585007	SW6010	SW3050	7/22/2008	8:59	7/24/2008	7/31/2008	15:00	8/4/2008	16:52	97.2	26077	7439-92-1	PB	Lead	4.1		mg/kg	1	0.1069	0.3694	=	N						D	=	0.11	0.38	FWDA-AO	NONE				51628	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	E160.3	NONE	7/21/2008	14:06	7/24/2008			7/30/2008	17:30	98		SOLID	SOLID	Total Solids	98		PERCENT	1	1		=	N						W	=	1		FWDA-AO	NONE				51498	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0392	0.13	U	N						D	U	0.04	0.13	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0392	0.23	U	N						D	U	0.04	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.049	0.14	U	N						D	U	0.05	0.14	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.049	0.15	U	N						D	U	0.05	0.15	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0588	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0588	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0588	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0588	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0686	0.21	U	N						D	U	0.07	0.21	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0686	0.22	U	N						D	U	0.07	0.22	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0686	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0686	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0784	0.24	U	N						D	U	0.08	0.24	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0784	0.25	U	N						D	U	0.08	0.25	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.588	2	U	N						D	U	0.6	2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.784	2.6	U	N						D	U	0.8	2.6	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW8330B	SW8330B	7/21/2008	14:06	7/24/2008	8/2/2008	14:45	8/4/2008	19:38	98	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	82	100	PERCENT	1			=	Y			82	50	150	W	=			FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585002	SW6010	SW3050	7/21/2008	14:06	7/24/2008	7/31/2008	11:00	8/4/2008	22:18	98	26060	7439-92-1	PB	Lead	6.1		mg/kg	1	0.1078	0.3724	=	N						D	=	0.11	0.38	FWDA-AO	NONE				51629	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	E160.3	NONE	7/21/2008	13:26	7/24/2008			7/30/2008	17:30	96.3		SOLID	SOLID	Total Solids	96.3		PERCENT	1	1		=	N						W	=	1		FWDA-AO	NONE				51498	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0385	0.13	U	N						D	U	0.04	0.13	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0385	0.23	U	N						D	U	0.04	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0482	0.14	U	N						D	U	0.05	0.14	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0482	0.15	U	N						D	U	0.05	0.15	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0674	0.21	U	N						D	U	0.07	0.21	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0674	0.22	U	N						D	U	0.07	0.22	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0674	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0674	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0761	0.24	U	N						D	U	0.079	0.24	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0761	0.25	U	N						D	U	0.079	0.25	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5778	2	U	N						D	U	0.6	2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7608	2.6	U	N						D	U	0.79	2.6	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW8330B	SW8330B	7/21/2008	13:26	7/24/2008	8/2/2008	14:45	8/4/2008	15:43	96.3	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	85	100	PERCENT	1			=	Y			85	50	150	W	=			FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584998	SW6010	SW3050	7/21/2008	13:26	7/24/2008	7/31/2008	11:00	8/4/2008	21:51	96.3	26060	7439-92-1	PB	Lead	7.3		mg/kg	1	0.1059	0.3659	=	N						D	=	0.11	0.38	FWDA-AO	NONE				51629	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	E160.3	NONE	7/21/2008	13:50	7/24/2008			7/30/2008	17:30	96.7		SOLID	SOLID	Total Solids	96.7		PERCENT	1	1		=	N						W	=	1		FWDA-AO	NONE				51498	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0387	0.13	U	N						D	U	0.04	0.13	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0387	0.23	U	N						D	U	0.04	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0484	0.14	U	N						D	U	0.05	0.14	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0484	0.15	U	N						D	U	0.05	0.15	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.058	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.058	0.18	U	N						D	U	0.06	0.18	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.058	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.058	0.2	U	N						D	U	0.06	0.2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0677	0.21	U	N						D	U	0.07	0.21	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0677	0.22	U	N						D	U	0.07	0.22	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0677	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0677	0.23	U	N						D	U	0.07	0.23	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0774	0.24	U	N						D	U	0.08	0.24	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0774	0.25	U	N						D	U	0.08	0.25	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5802	2	U	N						D	U	0.6	2	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7736	2.6	U	N						D	U	0.8	2.6	FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW8330B	SW8330B	7/21/2008	13:50	7/24/2008	8/2/2008	14:45	8/4/2008	17:45	96.7	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	80	100	PERCENT	1			=	Y			80	50	150	W	=			FWDA-AO	NONE				51630	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	584999	SW6010	SW3050	7/21/2008	13:50	7/24/2008	7/31/2008	11:00	8/4/2008	21:58	96.7	26060	7439-92-1	PB	Lead	6.2		mg/kg	1	0.1064	0.3675	=	N						D	=	0.11	0.38	FWDA-AO	NONE				51629	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	E160.3	NONE	7/22/2008	10:47	7/24/2008			7/30/2008	17:30	97.4		SOLID	SOLID	Total Solids	97.4		PERCENT	1	1		=	N						W	=	1		FWDA-BLD	NONE				51498	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.039	0.13	U	N						D	U	0.04	0.13	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0487	0.15	U	N						D	U	0.05	0.15	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0584	0.18	U	N						D	U	0.06	0.18	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0584	0.18	U	N						D	U	0.06	0.18	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0584	0.2	U	N						D	U	0.06	0.2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0682	0.21	U	N						D	U	0.07	0.21	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0682	0.22	U	N						D	U	0.07	0.22	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0682	0.23	U	N						D	U	0.07	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0682	0.23	U	N						D	U	0.07	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0779	0.24	U	N						D	U	0.08	0.24	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0779	0.25	U	N						D	U	0.08	0.25	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5844	2	U	N						D	U	0.6	2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7792	2.6	U	N						D	U	0.8	2.6	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.068		mg/kg	1	0.039	0.23	JP	N						D	J	0.04	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	88-72-2	NBZME2	2-Nitrotoluene	0.092		mg/kg	1	0.0487	0.14	JP	N						D	J	0.05	0.14	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.42		mg/kg	1	0.0584	0.2	#NAME?	N						D	=	0.06	0.2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW8330B	SW8330B	7/22/2008	10:47	7/24/2008	8/2/2008	14:45	8/4/2008	21:30	97.4	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	85	100	PERCENT	1			=	Y			85	50	150	W	=			FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585005	SW6010	SW3050	7/22/2008	10:47	7/24/2008	7/31/2008	11:00	8/4/2008	22:49	97.4	26060	7439-92-1	PB	Lead	30.8		mg/kg	1	0.1071	0.3701	=	N						D	=	0.11	0.38	FWDA-BLD	NONE				51629	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	E160.3	NONE	7/22/2008	10:28	7/24/2008			7/30/2008	17:30	97.7		SOLID	SOLID	Total Solids	97.7		PERCENT	1	1		=	N						W	=	1		FWDA-BLD	NONE				51498	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0391	0.13	U	N						D	U	0.04	0.13	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0391	0.23	U	N						D	U	0.04	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0489	0.14	U	N						D	U	0.05	0.14	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0489	0.15	U	N						D	U	0.05	0.15	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0586	0.18	U	N						D	U	0.06	0.18	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0586	0.18	U	N						D	U	0.06	0.18	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0586	0.2	U	N						D	U	0.06	0.2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0586	0.2	U	N						D	U	0.06	0.2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0684	0.21	U	N						D	U	0.07	0.21	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0684	0.22	U	N						D	U	0.07	0.22	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0684	0.23	U	N						D	U	0.07	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0684	0.23	U	N						D	U	0.07	0.23	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0782	0.24	U	N						D	U	0.08	0.24	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0782	0.25	U	N						D	U	0.08	0.25	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5862	2	U	N						D	U	0.6	2	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7816	2.6	U	N						D	U	0.8	2.6	FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW8330B	SW8330B	7/22/2008	10:28	7/24/2008	8/2/2008	14:45	8/4/2008	20:53	97.7	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	82	100	PERCENT	1			=	Y			82	50	150	W	=			FWDA-BLD	NONE				51630	
4.3	CTLabs	67874	FWDA-BLD	FWDA-BLD	N		Soil	585004	SW6010	SW3050	7/22/2008	10:28	7/24/2008	7/31/2008	11:00	8/4/2008	22:31	97.7	26060	7439-92-1	PB	Lead	21		mg/kg	1	0.1075	0.3713	=	N						D	=	0.11	0.38	FWDA-BLD	NONE				51629	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		WATER	585905	SW8082	SW3510	7/25/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	11104-28-	PCB1221	Aroclor 1221	0.24		ug/L	1	0.072	0.24	U	N						X	U	0.072	0.24	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		WATER	585905	SW8082	SW3510	7/25/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	11097-69-	PCB1254	Aroclor 1254	0.26		ug/L	1	0.077	0.25	U	N						X	U	0.077	0.26	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		WATER	585905	SW8082	SW3510	7/25/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	53469-21-	PCB1242	Aroclor 1242	0.33		ug/L	1	0.097	0.32	U	N						X	U	0.097	0.33	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		WATER	585905	SW8082	SW3510	7/25/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	12674-11-	PCB1016	Aroclor 1016	0.38		ug/L	1	0.12	0.38	UQ	N						X	U	0.12	0.38	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		WATER	585905	SW8082	SW3510	7/25/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	11096-82-	PCB1260	Aroclor 1260	0.39		ug/L	1	0.12	0.38	UQ	N						X	U	0.12	0.39	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		WATER	585905	SW8082	SW3510	7/25/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	12672-29-	PCB1248	Aroclor 1248	0.4		ug/L	1	0.12	0.39	U	N						X	U	0.12	0.4	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		WATER	585905	SW8082	SW3510	7/25/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	11141-16-	PCB1232	Aroclor 1232	0.47		ug/L	1	0.14	0.47	U	N						X	U	0.14	0.47	FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		WATER	585905	SW8082	SW3510	7/25/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	877-09-8	XYL2456CL	Tetrachloro-m-xylene	48	100	PERCENT	1			#NAME?	Y			48	50	150	X	=			FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		WATER	585905	SW8082	SW3510	7/25/2008	11:23	7/28/2008	7/29/2008	14:00	8/4/2008	11:51	0	26065	2051-24-3	CL10BZ2	Decachlorobiphenyl	71	100	PERCENT	1			=	Y			71	50	150	X	=			FWDA-AO	NONE				51637	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585903	E160.3	NONE	7/25/2008	11:23	7/28/2008			8/4/2008	16:30	98.9		SOLID	SOLID	Total Solids	98.9		PERCENT	1	1		=	N						W	=	1		FWDA-AO	NONE				51644	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585903	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	53469-21-	PCB1242	Aroclor 1242	34		ug/kg	1	9.89	34	U	N						D	U	10	34	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585903	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	11104-28-	PCB1221	Aroclor 1221	41		ug/kg	1	11.868	41	U	N						D	U	12	41	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585903	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	11141-16-	PCB1232	Aroclor 1232	47		ug/kg	1	13.846	47	U	N						D	U	14	47	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585903	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	11097-69-	PCB1254	Aroclor 1254	10		ug/kg	1	2.967	10	U	N						D	U	3	10	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585903	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	11096-82-	PCB1260	Aroclor 1260	19		ug/kg	1	5.934	19	U	N						D	U	6	19	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585903	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	12672-29-	PCB1248	Aroclor 1248	29		ug/kg	1	8.9999	29	U	N						D	U	9.1	29	FWDA-AO	NONE				51733	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	N		Soil	585903	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	12674-11-	PCB1016	Aroclor 1016	31		ug/kg	1	8.9999	31	U	N						D	U	9.1	31	FWDA-AO	NONE				51733	

4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585903	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	59	100	PERCENT	1			=	Y			59	50	150	W	=			FWDA-AO(	NONE			51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585903	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:17	98.9	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	91	100	PERCENT	1			=	Y			91	50	150	W	=			FWDA-AO(	NONE			51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585904	E160.3	NONE	7/25/2008	11:23	7/28/2008			8/4/2008	16:30	99.1		SOLID	SOLID	Total Solids	99.2		PERCENT	1	1		=	N						W	=	1		FWDA-AO(	NONE			51644
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585904	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	53469-21-	PCB1242	Aroclor 1242	34		ug/kg	1	9.91	34	U	N						D	U	10	34	FWDA-AO(	NONE			51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585904	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	11104-28-	PCB1221	Aroclor 1221	41		ug/kg	1	11.892	41	U	N						D	U	12	41	FWDA-AO(	NONE			51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585904	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	11141-16-	PCB1232	Aroclor 1232	47		ug/kg	1	13.874	47	U	N						D	U	14	47	FWDA-AO(	NONE			51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585904	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	11097-69-	PCB1254	Aroclor 1254	10		ug/kg	1	2.973	10	U	N						D	U	3	10	FWDA-AO(	NONE			51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585904	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	11096-82-	PCB1260	Aroclor 1260	19		ug/kg	1	5.946	19	U	N						D	U	6	19	FWDA-AO(	NONE			51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585904	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	12672-29-	PCB1248	Aroclor 1248	29		ug/kg	1	8.919	29	U	N						D	U	9	29	FWDA-AO(	NONE			51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585904	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	12674-11-	PCB1016	Aroclor 1016	31		ug/kg	1	8.919	31	U	N						D	U	9	31	FWDA-AO(	NONE			51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585904	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	74	100	PERCENT	1			=	Y			74	50	150	W	=			FWDA-AO(	NONE			51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585904	SW8082	SW3545	7/25/2008	11:23	7/28/2008	8/5/2008	10:00	8/14/2008	13:46	99.1	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	89	100	PERCENT	1			=	Y			89	50	150	W	=			FWDA-AO(	NONE			51733
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	E160.3	NONE	7/23/2008	14:06	7/28/2008			7/30/2008	17:30	96.7		SOLID	SOLID	Total Solids	96.7		PERCENT	1	1		=	N						W	=	1		FWDA-AO(	NONE			51498
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0387	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0387	0.23	U	N						D	U	0.04	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0484	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0484	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.058	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.058	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.058	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0677	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0677	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0677	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0764	0.24	U	N						D	U	0.079	0.24	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0764	0.25	U	N						D	U	0.079	0.25	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5802	2	U	N						D	U	0.6	2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7639	2.6	U	N						D	U	0.79	2.6	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.058	0.2	#NAME?	N						D	=	0.06	0.2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	99-08-1	NBZME3	3-Nitrotoluene	0.2		mg/kg	1	0.0677	0.22	JP	N						D	J	0.07	0.22	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW8330B	SW8330B	7/23/2008	14:06	7/28/2008	8/2/2008	14:45	8/5/2008	1:52	96.7	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	89	100	PERCENT	1			=	Y			89	50	150	W	=			FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585887	SW6010	SW3050	7/23/2008	14:06	7/28/2008	7/31/2008	15:00	8/4/2008	17:49	96.7	26077	7439-92-1	PB	Lead	4.4		mg/kg	1	0.1064	0.3675	=	N						D	=	0.11	0.38	FWDA-AO(	NONE			51628
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	E160.3	NONE	7/23/2008	14:31	7/28/2008			7/30/2008	17:30	96.8		SOLID	SOLID	Total Solids	96.8		PERCENT	1	1		=	N						W	=	1		FWDA-AO(	NONE			51498
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0387	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0484	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0484	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0581	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0678	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0678	0.22	U	N						D	U	0.07	0.22	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0678	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0678	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0774	0.24	U	N						D	U	0.08	0.24	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5808	2	U	N						D	U	0.6	2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7744	2.6	U	N						D	U	0.8	2.6	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.08		mg/kg	1	0.0387	0.23	JP	N						D	J	0.04	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	121-82-4	RDX	RDX	0.08		mg/kg	1	0.0581	0.18	JP	N						D	J	0.06	0.18	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.088		mg/kg	1	0.0581	0.2	JP	N						D	J	0.06	0.2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.18		mg/kg	1	0.0774	0.25	JP	N						D	J	0.08	0.25	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.33		mg/kg	1	0.0581	0.2	#NAME?	N						D	=	0.06	0.2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW8330B	SW8330B	7/23/2008	14:31	7/28/2008	8/2/2008	14:45	8/5/2008	2:30	96.8	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	87	100	PERCENT	1			=	Y			87	50	150	W	=			FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585888	SW6010	SW3050	7/23/2008	14:31	7/28/2008	7/31/2008	15:00	8/4/2008	17:55	96.8	26077	7439-92-1	PB	Lead	4.4		mg/kg	1	0.1065	0.3678	=	N						D	=	0.11	0.38	FWDA-AO(	NONE			51628
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	E160.3	NONE	7/24/2008	8:00	7/28/2008			7/30/2008	17:30	97.9		SOLID	SOLID	Total Solids	97.9		PERCENT	1	1		=	N						W	=	1		FWDA-AO(	NONE			51498
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0392	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0392	0.23	U	N						D	U	0.04	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.049	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.049	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0587	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0587	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0685	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0685	0.22	U	N						D	U	0.07	0.22	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0685	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0685	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0783	0.24	U	N						D	U	0.08	0.24	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0783	0.25	U	N						D	U	0.08	0.25	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5874	2	U	N						D	U	0.6	2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7832	2.6	U	N						D	U	0.8	2.6	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.076		mg/kg	1	0.0587	0.2	JP	N						D	J	0.06	0.2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	121-82-4	RDX	RDX	0.2		mg/kg	1	0.0587	0.18	#NAME?	N						D	=	0.06	0.18	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:07	97.9	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	94	100	PERCENT	1			=	Y			94	50	150	W	=			FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585890	SW6010	SW3050	7/24/2008	8:00	7/28/2008	7/31/2008	15:00	8/4/2008	18:02	97.9	26077	7439-92-1	PB	Lead	13.3		mg/kg	1	0.1077	0.372	=	N						D	=	0.11	0.38	FWDA-AO(	NONE			51628
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	E160.3	NONE	7/24/2008	8:00	7/28/2008			7/30/2008	17:30	98		SOLID	SOLID	Total Solids	98.1		PERCENT	1	1		=	N						W	=	1		FWDA-AO(	NONE			51498
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0392	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.049	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.049	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0588	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0686	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0686	0.22	U	N						D	U	0.07	0.22	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0686	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0686	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0784	0.24	U	N						D	U	0.08	0.24	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0784	0.25	U	N						D	U	0.08	0.25	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.588	2	U	N						D	U	0.6	2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.784	2.6	U	N						D	U	0.8	2.6	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	121-82-4	RDX	RDX	0.089		mg/kg	1	0.0588	0.18	JP	N						D	J	0.06	0.18	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.1		mg/kg	1	0.0588	0.2	JP	N						D	J	0.06	0.2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.15		mg/kg	1	0.0392	0.23	JP	N						D	J	0.04	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.24		mg/kg	1	0.0588	0.2	#NAME?	N						D	=	0.06	0.2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW8330B	SW8330B	7/24/2008	8:00	7/28/2008	8/2/2008	14:45	8/5/2008	3:45	98	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	96	100	PERCENT	1			=	Y			96	50	150	W	=			FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585891	SW6010	SW3050	7/24/2008	8:00	7/28/2008	7/31/2008	15:00	8/4/2008	18:08	98	26077	7439-92-1	PB	Lead	12.5		mg/kg	1	0.1078	0.3724	=	N						D	=	0.11	0.38	FWDA-AO(	NONE			51628
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	E160.3	NONE	7/24/2008	8:38	7/28/2008			8/4/2008	16:30	98.9		SOLID	SOLID	Total Solids	98.9		PERCENT	1	1		=	N						W	=	1		FWDA-AO(	NONE			51644
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0396	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0396	0.23	U	N						D	U	0.04	0.23	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0495	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0495	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0593	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0593	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0593	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0593	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0692	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0692	0.22	U	N						D	U	0.07	0.22	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0692	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0692	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0791	0.24	U	N						D	U	0.08	0.24	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0791	0.25	U	N						D	U	0.08	0.25	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5934	2	U	N						D	U	0.6	2	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7912	2.6	U	N						D	U	0.8	2.6	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW8330B	SW8330B	7/24/2008	8:38	7/28/2008	8/7/2008	20:00	8/13/2008	2:31	98.9	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	89	100	PERCENT	1			=	Y			89	50	150	W	=			FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585892	SW6010	SW3050	7/24/2008	8:38	7/28/2008	7/31/2008	15:00	8/4/2008	18:14	0	26077	7439-92-1	PB	Lead	13.5		mg/kg	1	0.11	0.37	=	N						W	=	0.11	0.37	FWDA-AO(	NONE			51628
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	E160.3	NONE	7/24/2008	9:39	7/28/2008			8/4/2008	16:30	99.3		SOLID	SOLID	Total Solids	99.3		PERCENT	1	1		=	N						W	=	1		FWDA-AO(	NONE			51644
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0397	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0397	0.23	U	N						D	U	0.04	0.23	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0497	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0497	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0596	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0596	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0596	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0596	0.2	U	N						D	U	0.06	0.2	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0685	0.21	U	N						D	U	0.069	0.21	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0685	0.22	U	N						D	U	0.069	0.22	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0685	0.23	U	N						D	U	0.069	0.23	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0685	0.23	U	N						D	U	0.069	0.23	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0784	0.24	U	N						D	U	0.079	0.24	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0784	0.25	U	N						D	U	0.079	0.25	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5958	2	U	N						D	U	0.6	2	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7845	2.6	U	N						D	U	0.79	2.6	FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW8330B	SW8330B	7/24/2008	9:39	7/28/2008	8/7/2008	20:00	8/13/2008	5:38	99.3	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	88	100	PERCENT	1			=	Y			88	50	150	W	=			FWDA-AO(	NONE			51774
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585893	SW6010	SW3050	7/24/2008	9:39	7/28/2008	7/31/2008	15:00	8/4/2008	18:20	0	26077	7439-92-1	PB	Lead	6.8		mg/kg	1	0.11	0.37	=	N						W	=	0.11	0.37	FWDA-AO(	NONE			51628
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	E160.3	NONE	7/22/2008	14:14	7/28/2008			7/30/2008	17:30	98.8		SOLID	SOLID	Total Solids	98.8		PERCENT	1	1		=	N						W	=	1		FWDA-AO(	NONE			51498
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0395	0.13	U	N						D	U	0.04	0.13	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0494	0.14	U	N						D	U	0.05	0.14	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0494	0.15	U	N						D	U	0.05	0.15	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0593	0.18	U	N						D	U	0.06	0.18	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0692	0.21	U	N						D	U	0.07	0.21	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0692	0.22	U	N						D	U	0.07	0.22	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0692	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0692	0.23	U	N						D	U	0.07	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.079	0.24	U	N						D	U	0.08	0.24	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.079	0.25	U	N						D	U	0.08	0.25	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5928	2	U	N						D	U	0.6	2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7904	2.6	U	N						D	U	0.8	2.6	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.06		mg/kg	1	0.0593	0.2	JP	N						D	J	0.06	0.2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	121-82-4	RDX	RDX	0.072		mg/kg	1	0.0593	0.18	JP	N						D	J	0.06	0.18	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.11		mg/kg	1	0.0395	0.23	JP	N						D	J	0.04	0.23	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.45		mg/kg	1	0.0593	0.2	#NAME?	N						D	=	0.06	0.2	FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW8330B	SW8330B	7/22/2008	14:14	7/28/2008	8/2/2008	14:45	8/4/2008	23:23	98.8	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	95	100	PERCENT	1			=	Y			95	50	150	W	=			FWDA-AO(	NONE			51630
4.3	CTLabs	67874	FWDA-AO(	FWDA-AO(	N		Soil	585874	SW6010	SW3050	7/22/2008	14:14	7/28/2008	7/31/2008	15:00	8/4/2008	17:24	98.8	26077	7439-92-1	PB	Lead	4.3		mg/kg	1	0.1087	0.37	=	N						D	=	0.11	0.37	FWDA-AO(	NONE			51628

4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	E160.3	NONE	7/22/2008	14:50	7/28/2008			7/30/2008	17:30	97.8		SOLID	SOLID	Total Solids	97.8		PERCENT	1	1		=	N				W	=	1		FWDA-AOC	NONE	51498
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0391	0.13	U	N				D	U	0.04	0.13	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0489	0.14	U	N				D	U	0.05	0.14	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0489	0.15	U	N				D	U	0.05	0.15	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0577	0.18	U	N				D	U	0.059	0.18	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0577	0.18	U	N				D	U	0.059	0.18	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0577	0.2	U	N				D	U	0.059	0.2	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0675	0.21	U	N				D	U	0.069	0.21	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0675	0.22	U	N				D	U	0.069	0.22	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0675	0.23	U	N				D	U	0.069	0.23	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0675	0.23	U	N				D	U	0.069	0.23	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0773	0.24	U	N				D	U	0.079	0.24	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0773	0.25	U	N				D	U	0.079	0.25	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.577	2	U	N				D	U	0.59	2	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7726	2.6	U	N				D	U	0.79	2.6	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.13		mg/kg	1	0.0391	0.23	JP	N				D	J	0.04	0.23	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.16		mg/kg	1	0.0577	0.2	JP	N				D	J	0.059	0.2	FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW8330B	SW8330B	7/22/2008	14:50	7/28/2008	8/2/2008	14:45	8/5/2008	1:15	97.8	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	89	100	PERCENT	1			=	Y	89	50	150	W	=			FWDA-AOC	NONE	51630
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	N	Soil	585885	SW6010	SW3050	7/22/2008	14:50	7/28/2008	7/31/2008	15:00	8/4/2008	17:42	97.8	26077	7439-92-1	PB	Lead	5.9		mg/kg	1	0.1076	0.3716	=	N				D	=	0.11	0.38	FWDA-AOC	NONE	51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	E160.3	NONE	7/24/2008	15:50	7/28/2008			7/30/2008	15:30	93.3		SOLID	SOLID	Total Solids	93.3		PERCENT	1	1		=	N				W	=	1		FWDA-B10	NONE	51550
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0373	0.13	U	N				D	U	0.04	0.13	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0373	0.23	U	N				D	U	0.04	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0467	0.14	U	N				D	U	0.05	0.14	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0467	0.15	U	N				D	U	0.05	0.15	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.056	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.056	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.056	0.2	U	N				D	U	0.06	0.2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0653	0.21	U	N				D	U	0.07	0.21	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0653	0.22	U	N				D	U	0.07	0.22	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0653	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0653	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0737	0.24	U	N				D	U	0.079	0.24	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0737	0.25	U	N				D	U	0.079	0.25	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5598	2	U	N				D	U	0.6	2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7371	2.6	U	N				D	U	0.79	2.6	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.068		mg/kg	1	0.056	0.2	JP	N				D	J	0.06	0.2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW8330B	SW8330B	7/24/2008	15:50	7/28/2008	8/3/2008	12:30	8/7/2008	0:17	93.3	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	99	100	PERCENT	1			=	Y	99	50	150	W	=			FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585901	SW6010	SW3050	7/24/2008	15:50	7/28/2008	7/31/2008	15:00	8/4/2008	19:25	93.3	26077	7439-92-1	PB	Lead	15.8		mg/kg	1	0.112	0.3732	=	N				D	=	0.12	0.4	FWDA-B10	NONE	51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	E160.3	NONE	7/24/2008	15:43	7/28/2008			7/30/2008	15:30	92.2		SOLID	SOLID	Total Solids	92.2		PERCENT	1	1		=	N				W	=	1		FWDA-B10	NONE	51550
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0369	0.13	U	N				D	U	0.04	0.13	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0369	0.23	U	N				D	U	0.04	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0461	0.14	U	N				D	U	0.05	0.14	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0461	0.15	U	N				D	U	0.05	0.15	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0553	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0553	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0553	0.2	U	N				D	U	0.06	0.2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0553	0.2	U	N				D	U	0.06	0.2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0645	0.21	U	N				D	U	0.07	0.21	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0645	0.22	U	N				D	U	0.07	0.22	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0645	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0645	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0738	0.24	U	N				D	U	0.08	0.24	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0738	0.25	U	N				D	U	0.08	0.25	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5532	2	U	N				D	U	0.6	2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7376	2.6	U	N				D	U	0.8	2.6	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW8330B	SW8330B	7/24/2008	15:43	7/28/2008	8/3/2008	12:30	8/6/2008	23:40	92.2	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	97	100	PERCENT	1			=	Y	97	50	150	W	=			FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585900	SW6010	SW3050	7/24/2008	15:43	7/28/2008	7/31/2008	15:00	8/4/2008	19:19	92.2	26077	7439-92-1	PB	Lead	17.4		mg/kg	1	0.1106	0.3688	=	N				D	=	0.12	0.4	FWDA-B10	NONE	51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	E160.3	NONE	7/25/2008	9:50	7/28/2008			8/4/2008	16:30	99.4		SOLID	SOLID	Total Solids	99.4		PERCENT	1	1		=	N				W	=	1		FWDA-B10	NONE	51644
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0398	0.13	U	N				D	U	0.04	0.13	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0398	0.23	U	N				D	U	0.04	0.23	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0497	0.14	U	N				D	U	0.05	0.14	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0497	0.15	U	N				D	U	0.05	0.15	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0596	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0596	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0596	0.2	U	N				D	U	0.06	0.2	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0596	0.2	U	N				D	U	0.06	0.2	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0696	0.21	U	N				D	U	0.07	0.21	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0696	0.22	U	N				D	U	0.07	0.22	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0696	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0696	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0795	0.24	U	N				D	U	0.08	0.24	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0795	0.25	U	N				D	U	0.08	0.25	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5964	2	U	N				D	U	0.6	2	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7952	2.6	U	N				D	U	0.8	2.6	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW8330B	SW8330B	7/25/2008	9:50	7/28/2008	8/7/2008	20:00	8/13/2008	8:46	99.4	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	91	100	PERCENT	1			=	Y	91	50	150	W	=			FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585902	SW6010	SW3050	7/25/2008	9:50	7/28/2008	7/31/2008	15:00	8/4/2008	19:32	0	26077	7439-92-1	PB	Lead	4		mg/kg	1	0.11	0.37	=	N				W	=	0.11	0.37	FWDA-B10	NONE	51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	E160.3	NONE	7/24/2008	15:03	7/28/2008			8/4/2008	16:30	99.3		SOLID	SOLID	Total Solids	99.3		PERCENT	1	1		=	N				W	=	1		FWDA-B10	NONE	51644
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0397	0.13	U	N				D	U	0.04	0.13	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0397	0.23	U	N				D	U	0.04	0.23	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0497	0.14	U	N				D	U	0.05	0.14	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0497	0.15	U	N				D	U	0.05	0.15	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0596	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0596	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0596	0.2	U	N				D	U	0.06	0.2	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0596	0.2	U	N				D	U	0.06	0.2	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0695	0.21	U	N				D	U	0.07	0.21	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0695	0.22	U	N				D	U	0.07	0.22	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0695	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0695	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0794	0.24	U	N				D	U	0.08	0.24	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0794	0.25	U	N				D	U	0.08	0.25	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5958	2	U	N				D	U	0.6	2	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7944	2.6	U	N				D	U	0.8	2.6	FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW8330B	SW8330B	7/24/2008	15:03	7/28/2008	8/7/2008	20:00	8/13/2008	8:08	99.3	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	87	100	PERCENT	1			=	Y	87	50	150	W	=			FWDA-B10	NONE	51774
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585899	SW6010	SW3050	7/24/2008	15:03	7/28/2008	7/31/2008	15:00	8/4/2008	19:12	0	26077	7439-92-1	PB	Lead	4.3		mg/kg	1	0.11	0.37	=	N				W	=	0.11	0.37	FWDA-B10	NONE	51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	E160.3	NONE	7/24/2008	14:21	7/28/2008			7/30/2008	15:30	93.4		SOLID	SOLID	Total Solids	93.4		PERCENT	1	1		=	N				W	=	1		FWDA-B10	NONE	51550
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0374	0.13	U	N				D	U	0.04	0.13	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0374	0.23	U	N				D	U	0.04	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0467	0.14	U	N				D	U	0.05	0.14	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0467	0.15	U	N				D	U	0.05	0.15	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.056	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.056	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.056	0.2	U	N				D	U	0.06	0.2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.056	0.2	U	N				D	U	0.06	0.2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0654	0.21	U	N				D	U	0.07	0.21	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0654	0.22	U	N				D	U	0.07	0.22	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0654	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0654	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0747	0.24	U	N				D	U	0.08	0.24	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0747	0.25	U	N				D	U	0.08	0.25	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5604	2	U	N				D	U	0.6	2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7472	2.6	U	N				D	U	0.8	2.6	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW8330B	SW8330B	7/24/2008	14:21	7/28/2008	8/3/2008	12:30	8/6/2008	23:02	93.4	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	94	100	PERCENT	1			=	Y	94	50	150	W	=			FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585898	SW6010	SW3050	7/24/2008	14:21	7/28/2008	7/31/2008	15:00	8/4/2008	19:06	93.4	26077	7439-92-1	PB	Lead	5.4		mg/kg	1	0.1121	0.3736	=	N				D	=	0.12	0.4	FWDA-B10	NONE	51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	E160.3	NONE	7/24/2008	14:15	7/28/2008			7/30/2008	15:30	95.1		SOLID	SOLID	Total Solids	95.1		PERCENT	1	1		=	N				W	=	1		FWDA-B10	NONE	51550
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.038	0.13	U	N				D	U	0.04	0.13	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.038	0.23	U	N				D	U	0.04	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0476	0.14	U	N				D	U	0.05	0.14	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0476	0.15	U	N				D	U	0.05	0.15	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0571	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0571	0.18	U	N				D	U	0.06	0.18	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0571	0.2	U	N				D	U	0.06	0.2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0571	0.2	U	N				D	U	0.06	0.2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0666	0.21	U	N				D	U	0.07	0.21	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0666	0.22	U	N				D	U	0.07	0.22	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0666	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0666	0.23	U	N				D	U	0.07	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0751	0.24	U	N				D	U	0.079	0.24	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0751	0.25	U	N				D	U	0.079	0.25	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5706	2	U	N				D	U	0.6	2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7513	2.6	U	N				D	U	0.79	2.6	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW8330B	SW8330B	7/24/2008	14:15	7/28/2008	8/3/2008	12:30	8/6/2008	22:25	95.1	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	104	100	PERCENT	1			=	Y	104	50	150	W	=			FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585897	SW6010	SW3050	7/24/2008	14:15	7/28/2008	7/31/2008	15:00	8/4/2008	18:59	95.1	26077	7439-92-1	PB	Lead	7.6		mg/kg	1	0.1141	0.3709	=	N				D	=	0.12	0.39	FWDA-B10	NONE	51628
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	E160.3	NONE	7/24/2008	12:57	7/28/2008			7/30/2008	15:30	94.1		SOLID	SOLID	Total Solids	94.1		PERCENT	1	1		=	N				W	=	1		FWDA-B10	NONE	51550
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0376	0.13	U	N				D	U	0.04	0.13	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0376	0.23	U	N				D	U	0.04	0.23	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0471	0.14	U	N				D	U	0.05	0.14	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0471	0.15	U	N				D	U	0.05	0.15	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0555	0.18	U	N				D	U	0.059	0.18	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0555	0.18	U	N				D	U	0.059	0.18	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0555	0.2	U	N				D	U	0.059	0.2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0555	0.2	U	N				D	U	0.059	0.2	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0649	0.21	U	N				D	U	0.069	0.21	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0649	0.22	U	N				D	U	0.069	0.22	FWDA-B10	NONE	51642
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N	Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0649	0.23	U	N				D	U	0.069	0.23	FWDA-B10	NONE	51642

4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0649	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0743	0.24	U	N						D	U	0.079	0.24	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0743	0.25	U	N						D	U	0.079	0.25	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5552	2	U	N						D	U	0.59	2	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7434	2.6	U	N						D	U	0.79	2.6	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW8330B	SW8330B	7/24/2008	12:57	7/28/2008	8/3/2008	12:30	8/6/2008	21:10	94.1	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	100	100	PERCENT	1			=	Y			100	50	150	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585894	SW6010	SW3050	7/24/2008	12:57	7/28/2008	7/31/2008	15:00	8/4/2008	18:27	94.1	26077	7439-92-1	PB	Lead	24.4		mg/kg	1	0.1129	0.367	=	N						D	=	0.12	0.39	FWDA-B10	NONE				51628	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	E160.3	NONE	7/24/2008	13:00	7/28/2008			7/30/2008	15:30	96.3		SOLID	SOLID	Total Solids	96.3		PERCENT	1	1		=	N						W	=	1		FWDA-B10	NONE				51550	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0385	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0385	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0482	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0482	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0578	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0578	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0674	0.21	U	N						D	U	0.07	0.21	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0674	0.22	U	N						D	U	0.07	0.22	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0674	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0674	0.23	U	N						D	U	0.07	0.23	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.077	0.24	U	N						D	U	0.08	0.24	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.077	0.25	U	N						D	U	0.08	0.25	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5778	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7704	2.6	U	N						D	U	0.8	2.6	FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW8330B	SW8330B	7/24/2008	13:00	7/28/2008	8/3/2008	12:30	8/6/2008	21:47	96.3	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	101	100	PERCENT	1			=	Y			101	50	150	W	=			FWDA-B10	NONE				51642	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585895	SW6010	SW3050	7/24/2008	13:00	7/28/2008	7/31/2008	15:00	8/4/2008	18:34	96.3	26077	7439-92-1	PB	Lead	21		mg/kg	1	0.1059	0.3659	=	N						D	=	0.11	0.38	FWDA-B10	NONE				51628	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	E160.3	NONE	7/24/2008	13:52	7/28/2008			8/4/2008	16:30	99.6		SOLID	SOLID	Total Solids	99.6		PERCENT	1	1		=	N						W	=	1		FWDA-B10	NONE				51644	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	99-65-0	DNB13	1,3-Dinitrobenzene	0.13		mg/kg	1	0.0398	0.13	U	N						D	U	0.04	0.13	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	121-14-2	DNT24	2,4-Dinitrotoluene	0.23		mg/kg	1	0.0398	0.23	U	N						D	U	0.04	0.23	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	88-72-2	NBZME2	2-Nitrotoluene	0.14		mg/kg	1	0.0498	0.14	U	N						D	U	0.05	0.14	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	98-95-3	NO2BZ	Nitrobenzene	0.15		mg/kg	1	0.0498	0.15	U	N						D	U	0.05	0.15	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.18		mg/kg	1	0.0598	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	121-82-4	RDX	RDX	0.18		mg/kg	1	0.0598	0.18	U	N						D	U	0.06	0.18	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.2		mg/kg	1	0.0598	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	606-20-2	DNT26	2,6-Dinitrotoluene	0.2		mg/kg	1	0.0598	0.2	U	N						D	U	0.06	0.2	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	2691-41-0	HMX	HMX	0.21		mg/kg	1	0.0687	0.21	U	N						D	U	0.069	0.21	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	99-08-1	NBZME3	3-Nitrotoluene	0.22		mg/kg	1	0.0687	0.22	U	N						D	U	0.069	0.22	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	99-99-0	NBZME4	4-Nitrotoluene	0.23		mg/kg	1	0.0687	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	479-45-8	TETRYL	Tetryl	0.23		mg/kg	1	0.0687	0.23	U	N						D	U	0.069	0.23	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	0.24		mg/kg	1	0.0787	0.24	U	N						D	U	0.079	0.24	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.25		mg/kg	1	0.0787	0.25	U	N						D	U	0.079	0.25	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	55-63-0	NTG	Nitroglycerin	2		mg/kg	1	0.5976	2	U	N						D	U	0.6	2	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	78-11-5	PETN	PETN	2.6		mg/kg	1	0.7868	2.6	U	N						D	U	0.79	2.6	FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW8330B	SW8330B	7/24/2008	13:52	7/28/2008	8/7/2008	20:00	8/13/2008	6:16	99.6	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	91	100	PERCENT	1			=	Y			91	50	150	W	=			FWDA-B10	NONE				51774	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	N		Soil	585896	SW6010	SW3050	7/24/2008	13:52	7/28/2008	7/31/2008	15:00	8/4/2008	18:41	0	26077	7439-92-1	PB	Lead	4		mg/kg	1	0.11	0.37	=	N						W	=	0.11	0.37	FWDA-B10	NONE				51628	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	479-45-8	TETRYL	Tetryl	0.7		ug/L	1	0.2	0.7	U	N						X	U	0.2	0.7	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.8		ug/L	1	0.3	0.8	U	N						X	U	0.3	0.8	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	99-65-0	DNB13	1,3-Dinitrobenzene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	606-20-2	DNT26	2,6-Dinitrotoluene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	99-99-0	NBZME4	4-Nitrotoluene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	2691-41-0	HMX	HMX	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	98-95-3	NO2BZ	Nitrobenzene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	88-72-2	NBZME2	2-Nitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	121-14-2	DNT24	2,4-Dinitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	118-96-7	TNT	2,4,6-Trinitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	99-08-1	NBZME3	3-Nitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	55-63-0	NTG	Nitroglycerin	7.7		ug/L	1	2.3	7.7	U	N						X	U	2.3	7.7	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	78-11-5	PETN	PETN	15		ug/L	1	4.4	15	U	N						X	U	4.4	15	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	121-82-4	RDX	RDX	0.94		ug/L	1	0.3	0.7	#NAME?	N						X	=	0.3	0.7	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	99-35-4	TNB135	1,3,5-Trinitrobenzene	2		ug/L	1	0.3	0.8	#NAME?	N						X	=	0.3	0.8	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW8330B	SW8330B	7/22/2008	14:48	7/28/2008	7/28/2008	14:00	8/3/2008	15:48	0	26053	528-29-0	DNBZ12	1,2-Dinitrobenzene	91	100	PERCENT	1			=	Y			91	50	150	X	=			FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585886	SW6010	TOTAL	7/22/2008	14:48	7/28/2008	7/31/2008	17:00	8/2/2008	18:57	0	26074	7439-92-1	PB	Lead	3.3		ug/L	1	1.4	4.6	J	N						X	J	1.4	4.6	FWDA-EB0	NONE				51627	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	479-45-8	TETRYL	Tetryl	0.7		ug/L	1	0.2	0.7	U	N						X	U	0.2	0.7	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	0.8		ug/L	1	0.3	0.8	U	N						X	U	0.3	0.8	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	99-65-0	DNB13	1,3-Dinitrobenzene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	606-20-2	DNT26	2,6-Dinitrotoluene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	99-99-0	NBZME4	4-Nitrotoluene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	2691-41-0	HMX	HMX	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	98-95-3	NO2BZ	Nitrobenzene	0.9		ug/L	1	0.3	0.9	U	N						X	U	0.3	0.9	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	88-72-2	NBZME2	2-Nitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	121-14-2	DNT24	2,4-Dinitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	118-96-7	TNT	2,4,6-Trinitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	99-08-1	NBZME3	3-Nitrotoluene	1		ug/L	1	0.3	1	U	N						X	U	0.3	1	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	55-63-0	NTG	Nitroglycerin	7.7		ug/L	1	2.3	7.7	U	N						X	U	2.3	7.7	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	78-11-5	PETN	PETN	15		ug/L	1	4.4	15	U	N						X	U	4.4	15	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	121-82-4	RDX	RDX	1.2		ug/L	1	0.3	0.7	#NAME?	N						X	=	0.3	0.7	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	99-35-4	TNB135	1,3,5-Trinitrobenzene	2.4		ug/L	1	0.3	0.8	#NAME?	N						X	=	0.3	0.8	FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW8330B	SW8330B	7/24/2008	9:49	7/28/2008	7/28/2008	14:00	8/3/2008	16:26	0	26053	528-29-0	DNBZ12	1,2-Dinitrobenzene	91	100	PERCENT	1			=	Y			91	50	150	X	=			FWDA-EB0	NONE				51622	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	N		WATER	585889	SW6010	TOTAL	7/24/2008	9:49	7/28/2008	7/31/2008	17:00	8/2/2008	19:26	0	26074	7439-92-1	PB	Lead	4.4		ug/L	1	1.4	4.6	J	N						X	J	1.4	4.6	FWDA-EB0	NONE				51627	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	LR	D	Soil	589988	E160.3	NONE	7/25/2008	11:23	8/4/2008			8/4/2008	16:30	98.8		SOLID	SOLID	Total Solids	99.1	99.2	PERCENT	1	1		=	N						W	=	1		FWDA-AO	NONE				51644	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	LR	D	Soil	588137	SW6010	SW3050	7/22/2008	8:59	7/31/2008	7/31/2008	15:00	8/4/2008	17:05	97.2	26077	7439-92-1	PB	Lead	4.1	4.1	mg/kg	1	0.113	0.381	=	N						D	=	0.113	0.381	FWDA-AO	NONE				51628	
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	LR	D	Soil	588139	E160.3	NONE	7/24/2008	8:00	7/30/2008			7/30/2008	17:30	97.9		SOLID	SOLID	Total Solids	98	98.1	PERCENT	1	1		=	N						W	=	1		FWDA-AO	NONE				51498	
4.3	CTLabs	67874	FWDA-B10	FWDA-B10	LR	D	Soil	588145	E160.3	NONE	7/24/2008	15:50	7/30/2008			7/30/2008	15:30	93.3		SOLID	SOLID	Total Solids	93.3	93.3	PERCENT	1	1		=	N						W	=	1		FWDA-B10	NONE				51550	
4.3	CTLabs	67874	FWDA-EB0	FWDA-EB0	LR	D	WATER	587718	SW6010	TOTAL	7/22/2008	14:48	7/31/2008	7/31/2008	17:00	8/2/2008	19:09	0	26074	7439-92-1	PB	Lead	2.9	3.3	ug/L	1	1.4	4.6	J	N						X	J	1.4	4.6	FWDA-EB0	NONE				51627	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	LR	D	Soil	584674	E160.3	NONE	7/17/2008	10:17	7/23/2008			7/23/2008	17:00	96.4		SOLID	SOLID	Total Solids	96.5	96.4	PERCENT	1	1		=	N						W	=	1		FWDA-Y-B	NONE				51358	
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	LR	D	Soil	586503	SW6010	SW3050	7/17/2008	10:17	7/31/2008	7/31/2008	11:00	8/4/2008	20:54	96.4	26060	7439-92-1	PB	Lead	16.3	15.3	mg/kg	1	0.114	0.383	=	N						D	=	0.114	0.383	FWDA-Y-B	NONE				51629	
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	LR	D	WATER	584011	SW6010	TOTAL	7/17/2008	9:51	7/23/2008	7/23/2008	9:30	7/24/2008	17:29	0	25972	7439-92-1	PB	Lead	4.6	0.82	ug/L	1	1.4	4.6	U	N						X	U	1.4	4.6	FWDA-Y-E	NONE				51383	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	10	10	ug/L	1			=	N			100	55	155	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	121-82-4	RDX	RDX	10.1	10	ug/L	1			=	N			101	50	160	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	606-20-2	DNT26	2,6-Dinitrotoluene	10.2	10	ug/L	1			=	N			102	60	135	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	99-35-4	TNB135	1,3,5-Trinitrobenzene	10.2	10	ug/L	1			=	N			102	65	140	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	99-65-0	DNB13	1,3-Dinitrobenzene	10.3	10	ug/L	1			=	N			103	45	160	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	121-14-2	DNT24	2,4-Dinitrotoluene	10.3	10	ug/L	1			=	N			103	60	135	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	479-45-8	TETRYL	Tetryl	10.4	10	ug/L	1			=	N			104	20	175	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	118-96-7	TNT	2,4,6-Trinitrotoluene	10.4	10	ug/L	1			=	N			104	50	145	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	98-95-3	NO2BZ	Nitrobenzene	10.5	10	ug/L	1			=	N			105	50	140	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	88-72-2	NBZME2	2-Nitrotoluene	9.64	10	ug/L	1			=	N			96	45	135	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	99-08-1	NBZME3	3-Nitrotoluene	9.7	10	ug/L	1			=	N			97	50	130	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	99-99-0	NBZME4	4-Nitrotoluene	9.7	10	ug/L	1			=	N			97	50	130	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	9.96	10	ug/L	1			=	N			100	50	155	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	2691-41-0	HMX	HMX	9.96	10	ug/L	1			=	N			100	80	115	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583954	583954	BD		WATER	583954	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:51	0	25970	528-29-0	DNBZ12	1,2-Dinitrobenzene	96.4	100	PERCENT	1			=	Y			96.4	50	150	X	=			583954	NONE				51362	
4.3	CTLabs	67874	583989	583989	BD		WATER	583989	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	17:27	0	25970	78-11-5	PETN	PETN	39.3	40	ug/L	1			=	N			98	50	150	X	=			583989	NONE				51362	
4.3	CTLabs	67874	583989	583989	BD		WATER	583989	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	17:27	0	25970	55-63-0	NTG	Nitroglycerin	40.9	40	ug/L	1			=	N			102	50	150	X	=			583989	NONE				51362	
4.3	CTLabs	67874	583989	583989	BD		WATER	583989	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	17:27	0	25970	528-29-0	DNBZ12	1,2-Dinitrobenzene	93.6	100	PERCENT	1			=	Y			93.6	50	150	X	=			583989	NONE				51362	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	10.1	10	ug/L	1			=	N			101	50	155	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	2691-41-0	HMX	HMX	10.4	10	ug/L	1			=	N			104	80	115	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	528-29-0	DNBZ12	1,2-Dinitrobenzene	107	100	PERCENT	1			=	Y			107	50	150	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	479-45-8	TETRYL	Tetryl	8.68	10	ug/L	1			=	N			87	20	175	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	8.8	10	ug/L	1			=	N			88	55	155	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	88-72-2	NBZME2	2-Nitrotoluene	9.04	10	ug/L	1			=	N			90	45	135	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	98-95-3	NO2BZ	Nitrobenzene	9.42	10	ug/L	1			=	N			94	50	140	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	606-20-2	DNT26	2,6-Dinitrotoluene	9.42	10	ug/L	1			=	N			94	60	135	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	99-99-0	NBZME4	4-Nitrotoluene	9.64	10	ug/L	1			=	N			96	50	130	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	99-08-1	NBZME3	3-Nitrotoluene	9.64	10	ug/L	1			=	N			96	50	130	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	121-82-4	RDX	RDX	9.64	10	ug/L	1			=	N			96	50	160	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	99-65-0	DNB13	1,3-Dinitrobenzene	9.66	10	ug/L	1			=	N			97	45	160	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	99-35-4	TNB135	1,3,5-Trinitrobenzene	9.74	10	ug/L	1			=	N			97	65	140	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	118-96-7	TNT	2,4,6-Trinitrotoluene	9.84	10	ug/L	1			=	N			98	50	145	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586056	586056	BD		WATER	586056	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	14:33	0	26053	121-14-2	DNT24	2,4-Dinitrotoluene	9.9	10	ug/L	1			=	N			99	60	135	X	=			586056	NONE				51622	
4.3	CTLabs	67874	586060	586060	BD		WATER	586060	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	15:11	0	26053	78-11-5	PETN	PETN	38.3	40	ug/L	1			=	N			96	50	150	X	=			586060	NONE				51622	
4.3	CTLabs	67874	586060	586060	BD		WATER	586060	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	15:11	0	26053	55-63-0	NTG	Nitroglycerin	41.3	40	ug/L	1			=	N			103	50	150	X	=			586060	NONE				51622	
4.3	CTLabs	67874	586060	586060	BD		WATER	586060	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	15:11	0	26053	528-29-0	DNBZ12	1,2-Dinitrobenzene	85.4	100	PERCENT	1			=	Y			85.4	50	150	X	=			586060	NONE				51622	
4.3	CTLabs	67874	586656	586656	BD		WATER	586656	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:41	0	26065	12674-11-	PCB1016	Aroclor 1016	2.28	5	ug/L	1			=	N			46	58	141	X	=			586656	NONE				51637	
4.3	CTLabs	67874	586656	586656	BD		WATER	586656	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:41	0	26065	11096-82-	PCB1260	Aroclor 1260	3.06	5	ug/L	1			=	N			61	71	143	X	=			586656	NONE				51637	
4.3	CTLabs	67874	586656	586656	BD		WATER	586656	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:41	0	26065	877-09-8	XYL2456CL	Tetrachloro-m-xylene	38.1	100	PERCENT	1			#NAME?	Y			38.1	50	150	X	=			586656	NONE				51637	
4.3	CTLabs	67874	586656	586656	BD		WATER	586656	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:41	0	26065	2051-24-3	CL10BZ2	Decachlorobiphenyl	73.2	100	PERCENT	1			=	Y			73.2	50	150	X	=			586656	NONE				51637	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	479-45-8	TETRYL	Tetryl	1.7	2	mg/kg	1			=	N			85	10	150	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	1.72	2	mg/kg	1			=	N			86	75	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	99-65-0	DNB13	1,3-Dinitrobenzene	1.77	2	mg/kg	1			=	N			88	80	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	1.8	2	mg/kg	1			=	N			90	55	140	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	121-82-4	RDX	RDX	1.8	2	mg/kg	1			=	N			90	70	135	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	88-72-2	NBZME2	2-Nitrotoluene	1.84	2	mg/kg	1			=	N			92	80	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	99-99-0	NBZME4	4-Nitrotoluene	1.86	2	mg/kg	1			=	N			93	75	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	98-95-3	NO2BZ	Nitrobenzene	1.87	2	mg/kg	1			=	N			94	75	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	99-08-1	NBZME3	3-Nitrotoluene	1.89	2	mg/kg	1			=	N			94	75	120	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	35572-78-	A2DNT46	2-Amino-4,6-dinitrotoluene	1.89	2	mg/kg	1			=	N			94	80	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	121-14-2	DNT24	2,4-Dinitrotoluene	1.9	2	mg/kg	1			=	N			95	80	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	2691-41-0	HMX	HMX	1.92	2	mg/kg	1			=	N			96	75	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	19406-51-	A4DNT26	4-Amino-2,6-dinitrotoluene	1.97	2	mg/kg	1			=	N			98	80	125	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	100	25999	606-20-2	DNT26	2,6-Dinitrotoluene	2	2	mg/kg	1			=	N			100	80	120	D	=			584471	NONE				51469	
4.3	CTLabs	67874	584471	584471	BS		Soil	584471	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:00	0	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	95.2	100	PERCENT	1			=	Y			95.2	81	117	W	=			584471	NONE				51469	
4.3	CTLabs	67874	584476	584476	BS		Soil	584476	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:36	0	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	110	100	PERCENT	1			=	Y			110	81	117	W	=			584476	NONE				51469	

4.3	CTLabs	67874	584476	584476	BS		Soil	584476	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:36	100	25999	78-11-5	PETN	PETN	7.66	8	mg/kg	1			=	N			96	80	120	D	=			584476	NONE				51469	
4.3	CTLabs	67874	584476	584476	BS		Soil	584476	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	15:36	100	25999	55-63-0	NTG	Nitroglycerin	7.69	8	mg/kg	1			=	N			96	80	120	D	=			584476	NONE				51469	
4.3	CTLabs	67874	586501	586501	BS		Soil	586501	SW6010	SW3050	7/31/2008	0	7/31/2008	7/31/2008	11:00	8/4/2008	19:38	0	26060	7439-92-1	PB	Lead	24.2	25	mg/kg	1			=	N			97	80	120	W	=			586501	NONE				51629	
4.3	CTLabs	67874	588135	588135	BS		Soil	588135	SW6010	SW3050	7/31/2008	0	7/31/2008	7/31/2008	15:00	8/4/2008	16:40	0	26077	7439-92-1	PB	Lead	24.3	25	mg/kg	1			=	N			97	80	120	W	=			588135	NONE				51628	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	479-45-8	TETRYL	Tetryl	1.26	2	mg/kg	1			=	N			63	10	150	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-99-0	NBZME4	4-Nitrotoluene	1.88	2	mg/kg	1			=	N			94	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	1.96	2	mg/kg	1			=	N			98	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	88-72-2	NBZME2	2-Nitrotoluene	1.99	2	mg/kg	1			=	N			100	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	0	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	106	100	PERCENT	1			=	Y			106	81	117	W	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	121-82-4	RDX	RDX	2.02	2	mg/kg	1			=	N			101	70	135	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	2.03	2	mg/kg	1			=	N			102	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	2.04	2	mg/kg	1			=	N			102	55	140	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	99-08-1	NBZME3	3-Nitrotoluene	2.04	2	mg/kg	1			=	N			102	75	120	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	98-95-3	NO2BZ	Nitrobenzene	2.06	2	mg/kg	1			=	N			103	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	2.12	2	mg/kg	1			=	N			106	80	120	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	2691-41-0	HMX	HMX	2.18	2	mg/kg	1			=	N			109	75	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	2.19	2	mg/kg	1			=	N			110	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	2.2	2	mg/kg	1			=	N			110	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588651	588651	BS		Soil	588651	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	15:33	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	2.28	2	mg/kg	1			=	N			114	80	125	D	=			588651	NONE				51642	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	479-45-8	TETRYL	Tetryl	1.35	2	mg/kg	1			=	N			68	10	150	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	99-99-0	NBZME4	4-Nitrotoluene	1.77	2	mg/kg	1			=	N			88	75	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	1.79	2	mg/kg	1			=	N			90	55	140	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	99-08-1	NBZME3	3-Nitrotoluene	1.82	2	mg/kg	1			=	N			91	75	120	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	98-95-3	NO2BZ	Nitrobenzene	1.82	2	mg/kg	1			=	N			91	75	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	88-72-2	NBZME2	2-Nitrotoluene	1.82	2	mg/kg	1			=	N			91	80	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	121-82-4	RDX	RDX	1.85	2	mg/kg	1			=	N			92	70	135	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	606-20-2	DNT26	2,6-Dinitrotoluene	1.89	2	mg/kg	1			=	N			94	80	120	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	99-65-0	DNB13	1,3-Dinitrobenzene	1.89	2	mg/kg	1			=	N			94	80	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	2691-41-0	HMX	HMX	1.95	2	mg/kg	1			=	N			98	75	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	1.96	2	mg/kg	1			=	N			98	75	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	0	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	112	100	PERCENT	1			=	Y			112	81	117	W	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	2.03	2	mg/kg	1			=	N			102	80	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	121-14-2	DNT24	2,4-Dinitrotoluene	2.04	2	mg/kg	1			=	N			102	80	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588684	588684	BS		Soil	588684	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	10:35	100	26095	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	2.1	2	mg/kg	1			=	N			105	80	125	D	=			588684	NONE				51630	
4.3	CTLabs	67874	588687	588687	BS		Soil	588687	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	11:12	100	26095	78-11-5	PETN	PETN	8.36	8	mg/kg	1			=	N			104	80	120	D	=			588687	NONE				51630	
4.3	CTLabs	67874	588687	588687	BS		Soil	588687	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	11:12	100	26095	55-63-0	NTG	Nitroglycerin	8.56	8	mg/kg	1			=	N			107	80	120	D	=			588687	NONE				51630	
4.3	CTLabs	67874	588687	588687	BS		Soil	588687	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	11:12	0	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	90.1	100	PERCENT	1			=	Y			90.1	81	117	W	=			588687	NONE				51630	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	479-45-8	TETRYL	Tetryl	1.88	2	mg/kg	1			=	N			94	10	150	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	2691-41-0	HMX	HMX	1.9	2	mg/kg	1			=	N			95	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	1.98	2	mg/kg	1			=	N			99	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	0	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	109	100	PERCENT	1			=	Y			109	81	117	W	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	121-14-2	DNT24	2,4-Dinitrotoluene	2	2	mg/kg	1			=	N			100	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	2.05	2	mg/kg	1			=	N			102	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	98-95-3	NO2BZ	Nitrobenzene	2.05	2	mg/kg	1			=	N			102	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	606-20-2	DNT26	2,6-Dinitrotoluene	2.07	2	mg/kg	1			=	N			104	80	120	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	121-82-4	RDX	RDX	2.08	2	mg/kg	1			=	N			104	70	135	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-65-0	DNB13	1,3-Dinitrobenzene	2.1	2	mg/kg	1			=	N			105	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	2.12	2	mg/kg	1			=	N			106	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-99-0	NBZME4	4-Nitrotoluene	2.13	2	mg/kg	1			=	N			106	75	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	99-08-1	NBZME3	3-Nitrotoluene	2.15	2	mg/kg	1			=	N			108	75	120	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	88-72-2	NBZME2	2-Nitrotoluene	2.16	2	mg/kg	1			=	N			108	80	125	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588694	588694	BS		Soil	588694	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:16	100	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	2.23	2	mg/kg	1			=	N			112	55	140	D	=			588694	NONE				51774	
4.3	CTLabs	67874	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:54	100	26096	78-11-5	PETN	PETN	6.4	8	mg/kg	1			=	N			80	80	120	D	=			588697	NONE				51774	
4.3	CTLabs	67874	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:54	100	26096	55-63-0	NTG	Nitroglycerin	7.38	8	mg/kg	1			=	N			92	80	120	D	=			588697	NONE				51774	
4.3	CTLabs	67874	588697	588697	BS		Soil	588697	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	1:54	0	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	81.5	100	PERCENT	1			=	Y			81.5	81	117	W	=			588697	NONE				51774	
4.3	CTLabs	67874	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	78-11-5	PETN	PETN	8.47	8	mg/kg	1			=	N			106	80	120	D	=			588705	NONE				51642	
4.3	CTLabs	67874	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	55-63-0	NTG	Nitroglycerin	8.86	8	mg/kg	1			=	N			111	80	120	D	=			588705	NONE				51642	
4.3	CTLabs	67874	588705	588705	BS		Soil	588705	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	16:10	100	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	98.8	100	PERCENT	1			=	Y			98.8	81	117	W	=			588705	NONE				51642	
4.3	CTLabs	67874	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	100	26111	12674-11-2	PCB1016	Aroclor 1016	465	500	ug/kg	1			=	N			93	53	143	W	=			589041	NONE				51733	
4.3	CTLabs	67874	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	100	26111	11096-82-5	PCB1260	Aroclor 1260	488	500	ug/kg	1			=	N			98	71	134	W	=			589041	NONE				51733	
4.3	CTLabs	67874	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	0	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	86.9	100	PERCENT	1			=	Y			86.9	50	150	W	=			589041	NONE				51733	
4.3	CTLabs	67874	589041	589041	BS		Soil	589041	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	13:08	0	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	98.4	100	PERCENT	1			=	Y			98.4	50	150	W	=			589041	NONE				51733	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	2691-41-0	HMX	HMX	8.86	10	ug/L	1			=	N			89	80	115	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	88-72-2	NBZME2	2-Nitrotoluene	8.94	10	ug/L	1			=	N			89	45	135	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	8.96	10	ug/L	1			=	N			90	50	155	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	99-99-0	NBZME4	4-Nitrotoluene	8.98	10	ug/L	1			=	N			90	50	130	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	121-82-4	RDX	RDX	9.06	10	ug/L	1			=	N			91	50	160	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	99-08-1	NBZME3	3-Nitrotoluene	9.1	10	ug/L	1			=	N			91	50	130	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	9.18	10	ug/L	1			=	N			92	55	155	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	606-20-2	DNT26	2,6-Dinitrotoluene	9.24	10	ug/L	1			=	N			92	60	135	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	121-14-2	DNT24	2,4-Dinitrotoluene	9.5	10	ug/L	1			=	N			95	60	135	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	99-65-0	DNB13	1,3-Dinitrobenzene	9.62	10	ug/L	1			=	N			96	45	160	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	99-35-4	TNB135	1,3,5-Trinitrobenzene	9.62	10	ug/L	1			=	N			96	65	140	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	479-45-8	TETRYL	Tetryl	9.68	10	ug/L	1			=	N			97	20	175	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	118-96-7	TNT	2,4,6-Trinitrotoluene	9.72	10	ug/L	1			=	N			97	50	145	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	98-95-3	NO2BZ	Nitrobenzene	9.78	10	ug/L	1			=	N			98	50	140	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583953	583953	BS		WATER	583953	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:39	0	25970	528-29-0	DNBZ12	1,2-Dinitrobenzene	96.4	100	PERCENT	1			=	Y			96.4	50	150	X	=			583953	NONE				51362	
4.3	CTLabs	67874	583988	583988	BS		WATER	583988	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:15	0	25970	55-63-0	NTG	Nitroglycerin	37.3	40	ug/L	1			=	N			93	50	150	X	=			583988	NONE				51362	
4.3	CTLabs	67874	583988	583988	BS		WATER	583988	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:15	0	25970	78-11-5	PETN	PETN	39.8	40	ug/L	1			=	N			100	50	150	X	=			583988	NONE				51362	
4.3	CTLabs	67874	583988	583988	BS		WATER	583988	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	16:15	0	25970	528-29-0	DNBZ12	1,2-Dinitrobenzene	90.3	100	PERCENT	1			=	Y			90.3	50	150	X	=			583988	NONE				51362	
4.3	CTLabs	67874	584009	584009	BS		WATER	584009	SW6010	TOTAL	7/23/2008	0	7/23/2008	7/23/2008	9:30	7/24/2008	17:05	0	25972	7439-92-1	PB	Lead	983	1000	ug/L	1			=	N			98	80	120	X	=			584009	NONE				51383	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	98-95-3	NO2BZ	Nitrobenzene	10.1	10	ug/L	1			=	N			101	50	140	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	528-29-0	DNBZ12	1,2-Dinitrobenzene	113	100	PERCENT	1			=	Y			113	50	150	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	88-72-2	NBZME2	2-Nitrotoluene	8.42	10	ug/L	1			=	N			84	45	135	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	479-45-8	TETRYL	Tetryl	8.64	10	ug/L	1			=	N			86	20	175	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	99-99-0	NBZME4	4-Nitrotoluene	8.7	10	ug/L	1			=	N			87	50	130	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	606-20-2	DNT26	2,6-Dinitrotoluene	8.94	10	ug/L	1			=	N			89	60	135	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	8.96	10	ug/L	1			=	N			90	55	155	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	99-08-1	NBZME3	3-Nitrotoluene	9.06	10	ug/L	1			=	N			91	50	130	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	121-82-4	RDX	RDX	9.18	10	ug/L	1			=	N			92	50	160	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	99-65-0	DNB13	1,3-Dinitrobenzene	9.6	10	ug/L	1			=	N			96	45	160	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	121-14-2	DNT24	2,4-Dinitrotoluene	9.6	10	ug/L	1			=	N			96	60	135	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	9.62	10	ug/L	1			=	N			96	50	155	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	2691-41-0	HMX	HMX	9.68	10	ug/L	1			=	N			97	80	115	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	118-96-7	TNT	2,4,6-Trinitrotoluene	9.82	10	ug/L	1			=	N			98	50	145	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586055	586055	BS		WATER	586055	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:18	0	26053	99-35-4	TNB135	1,3,5-Trinitrobenzene	9.82	10	ug/L	1			=	N			98	65	140	X	=			586055	NONE				51622	
4.3	CTLabs	67874	586059	586059	BS		WATER	586059	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:56	0	26053	55-63-0	NTG	Nitroglycerin	41	40	ug/L	1			=	N			102	50	150	X	=			586059	NONE				51622	
4.3	CTLabs	67874	586059	586059	BS		WATER	586059	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:56	0	26053	78-11-5	PETN	PETN	41.2	40	ug/L	1			=	N			103	50	150	X	=			586059	NONE				51622	
4.3	CTLabs	67874	586059	586059	BS		WATER	586059	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	13:56	0	26053	528-29-0	DNBZ12	1,2-Dinitrobenzene	84.5	100	PERCENT	1			=	Y			84.5	50	150	X	=			586059	NONE				51622	
4.3	CTLabs	67874	586655	586655	BS		WATER	586655	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:32	0	26065	12674-11-2	PCB1016	Aroclor 1016	2.72	5	ug/L	1			=	N			54	58	141	X	=			586655	NONE				51637	
4.3	CTLabs	67874	586655	586655	BS		WATER	586655	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:32	0	26065	11096-82-5	PCB1260	Aroclor 1260	3.01	5	ug/L	1			=	N			60	71	143	X	=			586655	NONE				51637	
4.3	CTLabs	67874	586655	586655	BS		WATER	586655	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:32	0	26065	877-09-8	XYL2456CL	Tetrachloro-m-xylene	47.1	100	PERCENT	1			#NAME?	Y			47.1	50	150	X	=			586655	NONE				51637	
4.3	CTLabs	67874	586655	586655	BS		WATER	586655	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:32	0	26065	2051-24-3	CL10BZ2	Decachlorobiphenyl	73.3	100	PERCENT	1			=	Y			73.3	50	150	X	=			586655	NONE				51637	
4.3	CTLabs	67874	587716	587716	BS		WATER	587716	SW6010	TOTAL	7/31/2008	0	7/31/2008	7/31/2008	17:00	8/2/2008	18:45	0	26074	7439-92-1	PB	Lead	973	1000	ug/L	1			=	N			97	80	120	X	=			587716	NONE				51627	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	99-65-0	DNB13	1,3-Dinitrobenzene	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	121-14-2	DNT24	2,4-Dinitrotoluene	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	88-72-2	NBZME2	2-Nitrotoluene	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	98-95-3	NO2BZ	Nitrobenzene	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	606-20-2	DNT26	2,6-Dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	99-08-1	NBZME3	3-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	99-99-0	NBZME4	4-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	55-63-0	NTG	Nitroglycerin	0.6	0	mg/kg	1	0.6		U	N				-1	0.6	D	U	0.6		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	100	25999	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N				-1	0.8	D	U	0.8		584470	NONE				51469	
4.3	CTLabs	67874	584470	584470	LB		Soil	584470	SW8330B	SW8330B	7/25/2008	0	7/25/2008	7/25/2008	13:00	7/28/2008	13:44	0	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	88.4	100	PERCENT	1			=	Y			88.4	81	117	W	=			584470	NONE				51469	
4.3	CTLabs	67874	586500	586500	LB		Soil	586500	SW6010	SW3050	7/31/2008	0	7/31/2008	7/31/2008	11:00	8/4/2008	19:44	100	26060	7439-92-1	PB	Lead	0.11	0	mg/kg	1	0.11		U	N				-10	0.11	W	U	0.11		586500	NONE				51629	
4.3	CTLabs	67874	588134	588134	LB		Soil	588134	SW6010	SW3050	7/31/2008	0	7/31/2008	7/31/2008	15:00	8/4/2008	16:46	100	26077	7439-92-1	PB	Lead	0.021	0	mg/kg	1	0.11		U	N				-10	0.11	W	U	0.11		588134	NONE				51628	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	88-72-2	NBZME2	2-Nitrotoluene	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-08-1	NBZME3	3-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N				-1	0.8	D	U	0.8		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-65-0	DNB13	1,3-Dinitrobenzene	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	121-14-2	DNT24	2,4-Dinitrotoluene	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	606-20-2	DNT26	2,6-Dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	99-99-0	NBZME4	4-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	118-96-7	TNT	2,4,6-Trinitrotoluene	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	55-63-0	NTG	Nitroglycerin	0.6	0	mg/kg	1	0.6		U	N				-1	0.6	D	U	0.6		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	100	26089	98-95-3	NO2BZ	Nitrobenzene	0.096	0	mg/kg	1	0.05		#NAME?	N				-1	0.05	D	=	0.05		588650	NONE				51642	
4.3	CTLabs	67874	588650	588650	LB		Soil	588650	SW8330B	SW8330B	8/3/2008	0	8/3/2008	8/3/2008	12:30	8/6/2008	14:53	0	26089	528-29-0	DNBZ12	1,2-Dinitrobenzene	90.5	100	PERCENT	1			=	Y			90.5	81	117	W	=			588650	NONE				51642	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	99-65-0	DNB13	1,3-Dinitrobenzene	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	121-14-2	DNT24	2,4-Dinitrotoluene	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	88-72-2	NBZME2	2-Nitrotoluene	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	98-95-3	NO2BZ	Nitrobenzene	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588683	NONE				51630	

4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	606-20-2	DNT26	2,6-Dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	99-08-1	NBZME3	3-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	99-99-0	NBZME4	4-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	55-63-0	NTG	Nitroglycerin	0.6	0	mg/kg	1	0.6		U	N				-1	0.6	D	U	0.6		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	100	26095	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N				-1	0.8	D	U	0.8		588683	NONE				51630	
4.3	CTLabs	67874	588683	588683	LB		Soil	588683	SW8330B	SW8330B	8/2/2008	0	8/2/2008	8/2/2008	14:45	8/4/2008	9:57	0	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	98	100	PERCENT	1			=	Y			98	81	117	W	=			588683	NONE				51630	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-65-0	DNB13	1,3-Dinitrobenzene	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	121-14-2	DNT24	2,4-Dinitrotoluene	0.04	0	mg/kg	1	0.04		U	N				-1	0.04	D	U	0.04		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	88-72-2	NBZME2	2-Nitrotoluene	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	98-95-3	NO2BZ	Nitrobenzene	0.05	0	mg/kg	1	0.05		U	N				-1	0.05	D	U	0.05		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	606-20-2	DNT26	2,6-Dinitrotoluene	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	121-82-4	RDX	RDX	0.06	0	mg/kg	1	0.06		U	N				-1	0.06	D	U	0.06		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-08-1	NBZME3	3-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	99-99-0	NBZME4	4-Nitrotoluene	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	2691-41-0	HMX	HMX	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	479-45-8	TETRYL	Tetryl	0.07	0	mg/kg	1	0.07		U	N				-1	0.07	D	U	0.07		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.08	0	mg/kg	1	0.08		U	N				-1	0.08	D	U	0.08		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	55-63-0	NTG	Nitroglycerin	0.6	0	mg/kg	1	0.6		U	N				-1	0.6	D	U	0.6		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	100	26096	78-11-5	PETN	PETN	0.8	0	mg/kg	1	0.8		U	N				-1	0.8	D	U	0.8		588693	NONE				51774	
4.3	CTLabs	67874	588693	588693	LB		Soil	588693	SW8330B	SW8330B	8/7/2008	0	8/7/2008	8/7/2008	20:00	8/13/2008	0:39	0	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	90.7	100	PERCENT	1			=	Y			90.7	81	117	W	=			588693	NONE				51774	
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	53469-21-9	PCB1242	Aroclor 1242	10	0	ug/kg	1	10		U	N				-1	10	W	U	10		589040	NONE				51733	
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11104-28-2	PCB1221	Aroclor 1221	12	0	ug/kg	1	12		U	N				-1	12	W	U	12		589040	NONE				51733	
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11141-16-5	PCB1232	Aroclor 1232	14	0	ug/kg	1	14		U	N				-1	14	W	U	14		589040	NONE				51733	
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11097-69-1	PCB1254	Aroclor 1254	3	0	ug/kg	1	3		U	N				-1	3	W	U	3		589040	NONE				51733	
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	11096-82-5	PCB1260	Aroclor 1260	6	0	ug/kg	1	6		U	N				-1	6	W	U	6		589040	NONE				51733	
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	12674-11-2	PCB1016	Aroclor 1016	9	0	ug/kg	1	9		U	N				-1	9	W	U	9		589040	NONE				51733	
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	100	26111	12672-29-6	PCB1248	Aroclor 1248	9	0	ug/kg	1	9		U	N				-1	9	W	U	9		589040	NONE				51733	
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	0	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	78.3	100	PERCENT	1			=	Y			78.3	50	150	W	=			589040	NONE				51733	
4.3	CTLabs	67874	589040	589040	LB		Soil	589040	SW8082	SW3545	8/5/2008	0	8/5/2008	8/5/2008	10:00	8/14/2008	12:59	0	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	93.4	100	PERCENT	1			=	Y			93.4	50	150	W	=			589040	NONE				51733	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	78-11-5	PETN	PETN	4.4	0	ug/L	1	4.4		U	N				-1	4.4	X	U	4.4		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	479-45-8	TETRYL	Tetryl	0.2	0	ug/L	1	0.2		U	N				-1	0.2	X	U	0.2		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	99-65-0	DNB13	1,3-Dinitrobenzene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	88-72-2	NBZME2	2-Nitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	121-14-2	DNT24	2,4-Dinitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	118-96-7	TNT	2,4,6-Trinitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	606-20-2	DNT26	2,6-Dinitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	99-08-1	NBZME3	3-Nitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	99-99-0	NBZME4	4-Nitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	2691-41-0	HMX	HMX	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	98-95-3	NO2BZ	Nitrobenzene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	121-82-4	RDX	RDX	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	55-63-0	NTG	Nitroglycerin	2.3	0	ug/L	1	2.3		U	N				-1	2.3	X	U	2.3		583952	NONE				51362	
4.3	CTLabs	67874	583952	583952	LB		WATER	583952	SW8330B	SW8330B	7/23/2008	0	7/23/2008	7/23/2008	13:00	7/25/2008	15:04	0	25970	528-29-0	DNBZ12	1,2-Dinitrobenzene	91.3	100	PERCENT	1			=	Y			91.3	50	150	X	=			583952	NONE				51362	
4.3	CTLabs	67874	584008	584008	LB		WATER	584008	SW6010	TOTAL	7/23/2008	0	7/23/2008	7/23/2008	9:30	7/24/2008	17:11	0	25972	7439-92-1	PB	Lead	4.1	0	ug/L	1	1.4		=	N				-10	1.4	X	=	1.4		584008	NONE				51383	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	479-45-8	TETRYL	Tetryl	0.2	0	ug/L	1	0.2		U	N				-1	0.2	X	U	0.2		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	99-65-0	DNB13	1,3-Dinitrobenzene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	99-35-4	TNB135	1,3,5-Trinitrobenzene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	88-72-2	NBZME2	2-Nitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	121-14-2	DNT24	2,4-Dinitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	118-96-7	TNT	2,4,6-Trinitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	606-20-2	DNT26	2,6-Dinitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	99-08-1	NBZME3	3-Nitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	99-99-0	NBZME4	4-Nitrotoluene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	2691-41-0	HMX	HMX	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	98-95-3	NO2BZ	Nitrobenzene	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	121-82-4	RDX	RDX	0.3	0	ug/L	1	0.3		U	N				-1	0.3	X	U	0.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	55-63-0	NTG	Nitroglycerin	2.3	0	ug/L	1	2.3		U	N				-1	2.3	X	U	2.3		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	78-11-5	PETN	PETN	4.4	0	ug/L	1	4.4		U	N				-1	4.4	X	U	4.4		586054	NONE				51622	
4.3	CTLabs	67874	586054	586054	LB		WATER	586054	SW8330B	SW8330B	7/28/2008	0	7/28/2008	7/28/2008	14:00	8/3/2008	12:41	0	26053	528-29-0	DNBZ12	1,2-Dinitrobenzene	93.1	100	PERCENT	1			=	Y			93.1	50	150	X	=			586054	NONE				51622	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	11104-28-2	PCB1221	Aroclor 1221	0.071	0	ug/L	1	0.071		U	N				-1	0.071	X	U	0.071		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	11097-69-1	PCB1254	Aroclor 1254	0.076	0	ug/L	1	0.076		U	N				-1	0.076	X	U	0.076		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	53469-21-9	PCB1242	Aroclor 1242	0.096	0	ug/L	1	0.096		U	N				-1	0.096	X	U	0.096		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	12674-11-2	PCB1016	Aroclor 1016	0.114	0	ug/L	1	0.114		U	N				-1	0.114	X	U	0.114		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	11096-82-5	PCB1260	Aroclor 1260	0.115	0	ug/L	1	0.115		U	N				-1	0.115	X	U	0.115		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	12672-29-6	PCB1248	Aroclor 1248	0.118	0	ug/L	1	0.118		U	N				-1	0.118	X	U	0.118		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	11141-16-5	PCB1232	Aroclor 1232	0.14	0	ug/L	1	0.14		U	N				-1	0.14	X	U	0.14		586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	877-09-8	XYL2456CL	Tetrachloro-m-xylene	56.1	100	PERCENT	1			=	Y			56.1	50	150	X	=			586654	NONE				51637	
4.3	CTLabs	67874	586654	586654	LB		WATER	586654	SW8082	SW3510	7/29/2008	0	7/29/2008	7/29/2008	14:00	8/4/2008	11:23	0	26065	2051-24-3	CL10BZ2	Decachlorobiphenyl	74.5	100	PERCENT	1			=	Y			74.5	50	150	X	=			586654	NONE				51637	
4.3	CTLabs	67874	587715	587715	LB		WATER	587715	SW6010	TOTAL	7/31/2008	0	7/31/2008	7/31/2008	17:00	8/2/2008	18:51	0	26074	7439-92-1	PB	Lead	0.28	0	ug/L	1	1.4		U	N				-10	1.4	X	U	1.4		587715	NONE				51627	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	589044	SW8082	SW3545	7/25/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:36	98.9	26111	12674-11-2	PCB1016	Aroclor 1016	332	506	ug/kg	1	9.11	31.4	=	N			66	50	150	D	=	9.11	31.4	FWDA-AOC	NONE				51733	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	589044	SW8082	SW3545	7/25/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:36	98.9	26111	11096-82-5	PCB1260	Aroclor 1260	453	506	ug/kg	1	6.07	19.2	=	N			90	50	150	D	=	6.07	19.2	FWDA-AOC	NONE				51733	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	589044	SW8082	SW3545	7/25/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:36	0	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	61.5	100	PERCENT	1			=	Y			61.5	50	150	W	=			FWDA-AOC	NONE				51733	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	589044	SW8082	SW3545	7/25/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:36	0	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	92.2	100	PERCENT	1			=	Y			92.2	50	150	W	=			FWDA-AOC	NONE				51733	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	479-45-8	TETRYL	Tetryl	1.45	2	mg/kg	1	0.0701	0.23	=	N			72	10	150	D	=	0.0701	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	1.61	2	mg/kg	1	0.0801	0.25	=	N			80	80	125	D	=	0.0801	0.25	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	121-82-4	RDX	RDX	1.69	2	mg/kg	1	0.0601	0.18	=	N			84	70	135	D	=	0.0601	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	1.75	2	mg/kg	1	0.0601	0.2	=	N			88	75	125	D	=	0.0601	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	99-65-0	DNB13	1,3-Dinitrobenzene	1.78	2	mg/kg	1	0.04	0.13	=	N			89	80	125	D	=	0.04	0.13	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	1.8	2	mg/kg	1	0.0801	0.24	=	N			90	55	140	D	=	0.0801	0.24	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	606-20-2	DNT26	2,6-Dinitrotoluene	1.87	2	mg/kg	1	0.0601	0.2	=	N			94	80	120	D	=	0.0601	0.2	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	1.89	2	mg/kg	1	0.0601	0.18	=	N			94	80	125	D	=	0.0601	0.18	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	99-08-1	NBZME3	3-Nitrotoluene	1.9	2	mg/kg	1	0.0701	0.22	=	N			95	75	120	D	=	0.0701	0.22	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	99-99-0	NBZME4	4-Nitrotoluene	1.91	2	mg/kg	1	0.0701	0.23	=	N			96	80	125	D	=	0.0701	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	88-72-2	NBZME2	2-Nitrotoluene	1.92	2	mg/kg	1	0.0501	0.14	=	N			96	80	125	D	=	0.0501	0.14	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	98-95-3	NO2BZ	Nitrobenzene	1.96	2	mg/kg	1	0.0501	0.15	=	N			98	75	125	D	=	0.0501	0.15	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	0	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	101	100	PERCENT	1			=	Y			101	81	117	W	=			FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	121-14-2	DNT24	2,4-Dinitrotoluene	2.03	2	mg/kg	1	0.04	0.23	=	N			102	80	125	D	=	0.04	0.23	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588691	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:51	94.2	26095	2691-41-0	HMX	HMX	2.19	2	mg/kg	1	0.0701	0.21	=	N			110	75	125	D	=	0.0701	0.21	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588692	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	14:28	94.2	26095	78-11-5	PETN	PETN	9.2	7.96	mg/kg	1	0.804	2.61	=	N			116	80	125	D	=	0.804	2.61	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588692	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	14:28	94.2	26095	55-63-0	NTG	Nitroglycerin	9.31	7.96	mg/kg	1	0.603	2.01	=	N			117	80	125	D	=	0.603	2.01	FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588692	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	14:28	0	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	93.4	100	PERCENT	1			=	Y			93.4	81	117	W	=			FWDA-AOC	NONE				51630	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	121-82-4	RDX	RDX	1.62	2.01	mg/kg	1	0.0596	0.179	=	N			81	70	135	D	=	0.0596	0.179	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	479-45-8	TETRYL	Tetryl	1.86	2.01	mg/kg	1	0.0696	0.229	=	N			93	10	150	D	=	0.0696	0.229	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	99-99-0	NBZME4	4-Nitrotoluene	1.9	2.01	mg/kg	1	0.0696	0.229	=	N			95	80	125	D	=	0.0696	0.229	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	2691-41-0	HMX	HMX	1.97	2.01	mg/kg	1	0.0696	0.209	=	N			98	75	125	D	=	0.0696	0.209	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	0	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	115	100	PERCENT	1			=	Y			115	81	117	W	=			FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	98-95-3	NO2BZ	Nitrobenzene	2.02	2.01	mg/kg	1	0.0497	0.149	=	N			100	75	125	D	=	0.0497	0.149	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	2.08	2.01	mg/kg	1	0.0795	0.239	=	N			103	55	140	D	=	0.0795	0.239	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	99-65-0	DNB13	1,3-Dinitrobenzene	2.09	2.01	mg/kg	1	0.0398	0.129	=	N			104	80	125	D	=	0.0398	0.129	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	121-14-2	DNT24	2,4-Dinitrotoluene	2.09	2.01	mg/kg	1	0.0398	0.229	=	N			104	80	125	D	=	0.0398	0.229	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	88-72-2	NBZME2	2-Nitrotoluene	2.1	2.01	mg/kg	1	0.0497	0.139	=	N			104	80	125	D	=	0.0497	0.139	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	2.1	2.01	mg/kg	1	0.0596	0.179	=	N			104	80	125	D	=	0.0596	0.179	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	99-08-1	NBZME3	3-Nitrotoluene	2.11	2.01	mg/kg	1	0.0696	0.219	=	N			105	75	120	D	=	0.0696	0.219	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	2.14	2.01	mg/kg	1	0.0596	0.199	=	N			106	75	125	D	=	0.0596	0.199	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	606-20-2	DNT26	2,6-Dinitrotoluene	2.14	2.01	mg/kg	1	0.0596	0.199	=	N			106	80	120	D	=	0.0596	0.199	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588701	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	4:24	98.9	26096	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	2.15	2.01	mg/kg	1	0.0795	0.249	=	N			107	80	125	D	=	0.0795	0.249	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588702	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	5:01	98.9	26096	78-11-5	PETN	PETN	6.82	7.91	mg/kg	1	0.809	2.63	=	N			86	80	125	D	=	0.809	2.63	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588702	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	5:01	98.9	26096	55-63-0	NTG	Nitroglycerin	7.44	7.91	mg/kg	1	0.607	2.02	=	N			94	80	125	D	=	0.607	2.02	FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	SD		Soil	588702	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	5:01	0	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	85.4	100	PERCENT	1			=	Y			85.4	81	117	W	=			FWDA-AOC	NONE				51774	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	99-08-1	NBZME3	3-Nitrotoluene	1.75	1.99	mg/kg	1	0.0704	0.221	=	N			88	75	120	D	=	0.0704	0.221	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	99-99-0	NBZME4	4-Nitrotoluene	1.81	1.99	mg/kg	1	0.0704	0.231	=	N			91	80	125	D	=	0.0704	0.231	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	99-65-0	DNB13	1,3-Dinitrobenzene	1.83	1.99	mg/kg	1	0.0402	0.131	=	N			92	80	125	D	=	0.0402	0.131	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	1.83	1.99	mg/kg	1	0.0604	0.201	=	N			92	75	125	D	=	0.0604	0.201	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	121-82-4	RDX	RDX	1.84	1.99	mg/kg	1	0.0604	0.181	=	N			92	70	135	D	=	0.0604	0.181	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	479-45-8	TETRYL	Tetryl	1.86	1.99	mg/kg	1	0.0704	0.231	=	N			93	10	150	D	=	0.0704	0.231	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	121-14-2	DNT24	2,4-Dinitrotoluene	1.91	1.99	mg/kg	1	0.0402	0.231	=	N			96	80	125	D	=	0.0402	0.231	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	88-72-2	NBZME2	2-Nitrotoluene	1.92	1.99	mg/kg	1	0.0503	0.141	=	N			96	80	125	D	=	0.0503	0.141	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	98-95-3	NO2BZ	Nitrobenzene	1.93	1.99	mg/kg	1	0.0503	0.151	=	N			97	75	125	D	=	0.0503	0.151	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	1.94	1.99	mg/kg	1	0.0604	0.181	=	N			97	80	125	D	=	0.0604	0.181	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	2691-41-0	HMX	HMX	1.94	1.99	mg/kg	1	0.0704	0.211	=	N			97	75	125	D	=	0.0704	0.211	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	1.94	1.99	mg/kg	1	0.0805	0.241	=	N			97	55	140	D	=	0.0805	0.241	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	606-20-2	DNT26	2,6-Dinitrotoluene	2.02	1.99	mg/kg	1	0.0604	0.201	=	N			102	80	120	D	=	0.0604	0.201	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	96.4	25999	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	2.06	1.99	mg/kg	1	0.0805	0.252	=	N			104	80	125	D	=	0.0805	0.252	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584474	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:59	0	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	90.3	100	PERCENT	1			=	Y			90.3	81	117	W	=			FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584479	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	18:35	96.4	25999	78-11-5	PETN	PETN	8.18	8.07	mg/kg	1	0.793	2.58	=	N			101	80	125	D	=	0.793	2.58	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584479	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	18:35	96.4	25999	55-63-0	NTG	Nitroglycerin	8.52	8.07	mg/kg	1	0.595	1.98	=	N			106	80	125	D	=	0.595	1.98	FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-Y-B1	FWDA-Y-B1	SD		Soil	584479	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	18:35	0	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	95.2	100	PERCENT	1			=	Y			95.2	81	117	W	=			FWDA-Y-B1	NONE				51469	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	MS		Soil	589043	SW8082	SW3545	7/25/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:27	98.9	26111	12674-11-2	PCB1016	Aroclor 1016	334	505	ug/kg	1	9.08	31.3	=	N			66	50	150	D	=	9.08	31.3	FWDA-AOC	NONE				51733	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	MS		Soil	589043	SW8082	SW3545	7/25/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:27	98.9	26111	11096-82-5	PCB1260	Aroclor 1260	451	505	ug/kg	1	6.05	19.2	=	N			89	50	150	D	=	6.05	19.2	FWDA-AOC	NONE				51733	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	MS		Soil	589043	SW8082	SW3545	7/25/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:27	0	26111	877-09-8	XYL2456CL	Tetrachloro-m-xylene	51	100	PERCENT	1			=	Y			51	50	150	W	=			FWDA-AOC	NONE				51733	
4.3	CTLabs	67874	FWDA-AOC	FWDA-AOC	MS		Soil	589043	SW8082	SW3545	7/25/2008	11:23	8/5/2008	8/5/2008	10:00	8/14/2008	13:27	0	26111	2051-24-3	CL10BZ2	Decachlorobiphenyl	87.3	100	PERCENT	1			=	Y			87.3	50	150	W	=			FWDA-AOC	NONE				51733	

4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	121-82-4	RDX	RDX	1.71	2	mg/kg	1	0.0601	0.18	=	N			86	70	135	D	=	0.0601	0.18	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	479-45-8	TETRYL	Tetryl	1.76	2	mg/kg	1	0.0701	0.23	=	N			88	10	150	D	=	0.0701	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	99-99-0	NBZME4	4-Nitrotoluene	1.77	2	mg/kg	1	0.0701	0.23	=	N			88	80	125	D	=	0.0701	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	99-08-1	NBZME3	3-Nitrotoluene	1.84	2	mg/kg	1	0.0701	0.22	=	N			92	75	120	D	=	0.0701	0.22	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	88-72-2	NBZME2	2-Nitrotoluene	1.94	2	mg/kg	1	0.0501	0.14	=	N			97	80	125	D	=	0.0501	0.14	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	1.98	2	mg/kg	1	0.0802	0.251	=	N			99	80	125	D	=	0.0802	0.251	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	0	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	111	100	PERCENT	1			=	Y			111	81	117	W	=			FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	99-65-0	DNB13	1,3-Dinitrobenzene	2.04	2	mg/kg	1	0.0401	0.13	=	N			102	80	125	D	=	0.0401	0.13	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	2691-41-0	HMX	HMX	2.12	2	mg/kg	1	0.0701	0.21	=	N			106	75	125	D	=	0.0701	0.21	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	98-95-3	NO2BZ	Nitrobenzene	2.13	2	mg/kg	1	0.0501	0.15	=	N			106	75	125	D	=	0.0501	0.15	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	606-20-2	DNT26	2,6-Dinitrotoluene	2.13	2	mg/kg	1	0.0601	0.2	=	N			106	80	120	D	=	0.0601	0.2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	118-96-7	TNT	2,4,6-Trinitrotoluene	2.14	2	mg/kg	1	0.0802	0.24	=	N			107	55	140	D	=	0.0802	0.24	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	121-14-2	DNT24	2,4-Dinitrotoluene	2.16	2	mg/kg	1	0.0401	0.23	=	N			108	80	125	D	=	0.0401	0.23	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	99-35-4	TNB135	1,3,5-Trinitrobenzene	2.16	2	mg/kg	1	0.0601	0.2	=	N			108	75	125	D	=	0.0601	0.2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588689	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	12:36	94.2	26095	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	2.22	2	mg/kg	1	0.0601	0.18	=	N			111	80	125	D	=	0.0601	0.18	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588690	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:13	94.2	26095	55-63-0	NTG	Nitroglycerin	8.71	7.98	mg/kg	1	0.601	2	=	N			109	80	125	D	=	0.601	2	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588690	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:13	94.2	26095	78-11-5	PETN	PETN	9.45	7.98	mg/kg	1	0.802	2.61	=	N			118	80	125	D	=	0.802	2.61	FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588690	SW8330B	SW8330B	7/21/2008	15:14	8/2/2008	8/2/2008	14:45	8/4/2008	13:13	0	26095	528-29-0	DNBZ12	1,2-Dinitrobenzene	93.8	100	PERCENT	1			=	Y			93.8	81	117	W	=			FWDA-AO	NONE				51630
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588136	SW6010	SW3050	7/22/2008	8:59	7/31/2008	7/31/2008	15:00	8/4/2008	17:11	97.2	26077	7439-92-1	PB	Lead	24	29.8	mg/kg	1	0.113	0.381	=	N			77	75	125	D	=	0.113	0.381	FWDA-AO	NONE				51628
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	121-82-4	RDX	RDX	1.61	2.01	mg/kg	1	0.0596	0.179	=	N			80	70	135	D	=	0.0596	0.179	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	479-45-8	TETRYL	Tetryl	1.9	2.01	mg/kg	1	0.0696	0.229	=	N			95	10	150	D	=	0.0696	0.229	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	2691-41-0	HMX	HMX	1.94	2.01	mg/kg	1	0.0696	0.209	=	N			97	75	125	D	=	0.0696	0.209	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	1.99	2.01	mg/kg	1	0.0596	0.179	=	N			99	80	125	D	=	0.0596	0.179	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	0	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	115	100	PERCENT	1			=	Y			115	81	117	W	=			FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	88-72-2	NBZME2	2-Nitrotoluene	2.02	2.01	mg/kg	1	0.0497	0.139	=	N			100	80	125	D	=	0.0497	0.139	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	99-99-0	NBZME4	4-Nitrotoluene	2.03	2.01	mg/kg	1	0.0696	0.229	=	N			101	80	125	D	=	0.0696	0.229	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	98-95-3	NO2BZ	Nitrobenzene	2.04	2.01	mg/kg	1	0.0497	0.149	=	N			101	75	125	D	=	0.0497	0.149	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	99-65-0	DNB13	1,3-Dinitrobenzene	2.1	2.01	mg/kg	1	0.0398	0.129	=	N			104	80	125	D	=	0.0398	0.129	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	118-96-7	TNT	2,4,6-Trinitrotoluene	2.1	2.01	mg/kg	1	0.0795	0.239	=	N			104	55	140	D	=	0.0795	0.239	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	121-14-2	DNT24	2,4-Dinitrotoluene	2.12	2.01	mg/kg	1	0.0398	0.229	=	N			105	80	125	D	=	0.0398	0.229	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	99-35-4	TNB135	1,3,5-Trinitrobenzene	2.13	2.01	mg/kg	1	0.0596	0.199	=	N			106	75	125	D	=	0.0596	0.199	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	606-20-2	DNT26	2,6-Dinitrotoluene	2.14	2.01	mg/kg	1	0.0596	0.199	=	N			106	80	120	D	=	0.0596	0.199	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	2.15	2.01	mg/kg	1	0.0795	0.249	=	N			107	80	125	D	=	0.0795	0.249	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588699	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:09	98.9	26096	99-08-1	NBZME3	3-Nitrotoluene	2.16	2.01	mg/kg	1	0.0696	0.219	=	N			107	75	120	D	=	0.0696	0.219	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588700	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:46	98.9	26096	78-11-5	PETN	PETN	6.7	8.01	mg/kg	1	0.799	2.6	=	N			84	80	125	D	=	0.799	2.6	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588700	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:46	98.9	26096	55-63-0	NTG	Nitroglycerin	7.81	8.01	mg/kg	1	0.599	2	=	N			98	80	125	D	=	0.599	2	FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-AO	FWDA-AO	MS		Soil	588700	SW8330B	SW8330B	7/24/2008	8:38	8/7/2008	8/7/2008	20:00	8/13/2008	3:46	0	26096	528-29-0	DNBZ12	1,2-Dinitrobenzene	86	100	PERCENT	1			=	Y			86	81	117	W	=			FWDA-AO	NONE				51774
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	479-45-8	TETRYL	Tetryl	1.76	1.99	mg/kg	1	0.0705	0.232	=	N			88	10	150	D	=	0.0705	0.232	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	99-65-0	DNB13	1,3-Dinitrobenzene	1.78	1.99	mg/kg	1	0.0403	0.131	=	N			89	80	125	D	=	0.0403	0.131	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	88-72-2	NBZME2	2-Nitrotoluene	1.78	1.99	mg/kg	1	0.0504	0.141	=	N			89	80	125	D	=	0.0504	0.141	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	99-35-4	TNB135	1,3,5-Trinitrobenzene	1.8	1.99	mg/kg	1	0.0604	0.201	=	N			90	75	125	D	=	0.0604	0.201	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	99-99-0	NBZME4	4-Nitrotoluene	1.81	1.99	mg/kg	1	0.0705	0.232	=	N			91	80	125	D	=	0.0705	0.232	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	98-95-3	NO2BZ	Nitrobenzene	1.84	1.99	mg/kg	1	0.0504	0.151	=	N			92	75	125	D	=	0.0504	0.151	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	35572-78-2	A2DNT46	2-Amino-4,6-dinitrotoluene	1.87	1.99	mg/kg	1	0.0604	0.181	=	N			94	80	125	D	=	0.0604	0.181	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	118-96-7	TNT	2,4,6-Trinitrotoluene	1.87	1.99	mg/kg	1	0.0806	0.242	=	N			94	55	140	D	=	0.0806	0.242	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	121-14-2	DNT24	2,4-Dinitrotoluene	1.88	1.99	mg/kg	1	0.0403	0.232	=	N			94	80	125	D	=	0.0403	0.232	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	606-20-2	DNT26	2,6-Dinitrotoluene	1.95	1.99	mg/kg	1	0.0604	0.201	=	N			98	80	120	D	=	0.0604	0.201	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	121-82-4	RDX	RDX	1.97	1.99	mg/kg	1	0.0604	0.181	=	N			99	70	135	D	=	0.0604	0.181	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	99-08-1	NBZME3	3-Nitrotoluene	1.97	1.99	mg/kg	1	0.0705	0.222	=	N			99	75	120	D	=	0.0705	0.222	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	19406-51-0	A4DNT26	4-Amino-2,6-dinitrotoluene	1.97	1.99	mg/kg	1	0.0806	0.252	=	N			99	80	125	D	=	0.0806	0.252	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	96.4	25999	2691-41-0	HMX	HMX	2.05	1.99	mg/kg	1	0.0705	0.211	=	N			103	75	125	D	=	0.0705	0.211	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584473	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	16:48	0	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	87.8	100	PERCENT	1			=	Y			87.8	81	117	W	=			FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584478	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:23	96.4	25999	78-11-5	PETN	PETN	7.98	7.96	mg/kg	1	0.804	2.61	=	N			100	80	125	D	=	0.804	2.61	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584478	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:23	96.4	25999	55-63-0	NTG	Nitroglycerin	8.29	7.96	mg/kg	1	0.603	2.01	=	N			104	80	125	D	=	0.603	2.01	FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	584478	SW8330B	SW8330B	7/17/2008	10:17	7/25/2008	7/25/2008	13:00	7/28/2008	17:23	0	25999	528-29-0	DNBZ12	1,2-Dinitrobenzene	96.8	100	PERCENT	1			=	Y			96.8	81	117	W	=			FWDA-Y-B	NONE				51469
4.3	CTLabs	67874	FWDA-Y-B	FWDA-Y-B	MS		Soil	586502	SW6010	SW3050	7/17/2008	10:17	7/31/2008	7/31/2008	11:00	8/4/2008	21:00	96.4	26060	7439-92-1	PB	Lead	36.5	41.2	mg/kg	1	0.114	0.383	=	N			82	75	125	D	=	0.114	0.383	FWDA-Y-B	NONE				51629
4.3	CTLabs	67874	FWDA-E80	FWDA-E80	MS		WATER	587717	SW6010	TOTAL	7/22/2008	14:48	7/31/2008	7/31/2008	17:00	8/2/2008	19:15	0	26074	7439-92-1	PB	Lead	974	1003.3	ug/L	1	1.4	4.6	=	N			97	75	125	X	=	1.4	4.6	FWDA-E80	NONE				51627
4.3	CTLabs	67874	FWDA-Y-E	FWDA-Y-E	MS		WATER	584010	SW6010	TOTAL	7/17/2008	9:51	7/23/2008	7/23/2008	9:30	7/24/2008	17:35	0	25972	7439-92-1	PB	Lead	993	1000.82	ug/L	1	1.4	4.6	=	N			99	75	125	X	=	1.4	4.6	FWDA-Y-E	NONE				51383

Appendix H
Data Quality Evaluation Report

Data Quality Evaluation Report

This Data Quality Evaluation Report is for soil samples collected as part of the Release Assessment for Parcel 6, Fort Wingate Depot, Gallup, New Mexico, US Army Corps of Engineers, Fort Worth District, Contract W9126G-08-F-0070, GSA Schedule GS-10F-0029M. The report evaluates whether the analytical data obtained in the investigation are of sufficient quality and quantity to accomplish the project objectives.

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Abbreviations and Acronyms

COC	chain-of-custody
CTLabs	CT Laboratories in Baraboo, Wisconsin
EB	equipment blank
EPA	U.S. Environmental Protection Agency
FD	field duplicate
LCS	laboratory control sample
MDL	method detection limit
MS/MSD	matrix spike/matrix spike duplicate
PARCC	precision, accuracy, representativeness, completeness and comparability
PCB	polychlorinated biphenyl
QA	quality assurance
QAPP	quality assurance project plan
QC	quality control
RL	reporting limit
SDG	sample delivery group

1.0 Introduction

This Data Quality Evaluation Report contains an assessment of the quality and usability of analytical data from environmental samples collected as part of the Release Assessment for Parcel 6, Fort Wingate Depot, Gallop, New Mexico,. The work is being performed under US Army Corps of Engineers, Fort Worth District, Contract W9126G-08-F-0070, GSA Schedule GS-10F-0029M.

The analytical work was conducted in accordance with the project-specific Work Plan and the *Quality Assurance Project Plan Ft. Wingate Depot Activity, Release Assessment for Parcel 6, Fort Wingate Depot Activity,* June 2008 (QAPP).

1.1 Analytical Laboratories and Analytical Methods

CT Laboratories in Baraboo, Wisconsin (CT Labs) performed the sample analyses. After collection, the samples were packed and shipped to the laboratory for analysis. The following methods were used for sample analysis:

- Lead by U.S. Environmental Protection Agency (EPA) Method SW6010B
- Explosives by EPA Methods 8330 and 8330B
- Polychlorinated biphenyls (PCB) by EPA 8082

Two sample delivery groups (SDG) were evaluated for data quality. Table 1 provides a listing of the SDGs, sample identifications and collection and analysis chronology associated with the project samples.

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2.0 Field Sample Collection

This fieldwork was conducted between July 15, 2008 and July 30, 2008. The following data quality sample quantities/types were collected and analyzed: 62 soil samples. The field duplicate (FD) collection goal for soil was met with eight soil FDs analyzed. One equipment blank (EB) was collected to monitor the cleanliness of sampling equipment and the effectiveness of decontamination procedures.

In addition, soil matrix spike/matrix spike duplicates (MS/MSD) were collected and analyzed in accordance with the QAPP. Table 2 includes a summary of the field samples collected by date.

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3.0 Data Review and Validation Process

3.1 Data Validation Definition

All analytical data from this investigation were evaluated as described in the QAPP. One hundred percent of definitive analytical results were validated. The assessment of definitive data includes a review of the following laboratory summary forms as defined in the QAPP:

- The chain-of-custody (COC) documentation
- Holding time
- Quality control (QC) sample frequencies
- Method blanks
- Laboratory control samples (LCS)
- Surrogate spikes
- MS/MSD
- Initial and continuing calibration information
- FD precision
- Case narrative review and other method-specific criteria

Data flags were assigned using the QC acceptance limits and procedures defined in the QAPP. Data flags, and the reason for each flag, are entered into an electronic database and available to the data users. Multiple flags are routinely applied to a specific sample method/matrix/analyte combination, but there will only be one final flag. A final flag is applied to the data according to the most conservative of the validation flags.

3.2 Overall Data Validation Findings

An overall summary of definitive data sample results and the reasons each were flagged is presented in Table 3. The information in Table 3 is presented so that each flag applied to a method/matrix/analyte is shown. In addition, a statistical evaluation of the results are provided so that the percentage of results impacted by a specific data quality condition or flag, with respect to the total results available for any target analyte/matrix, is shown. Out-of-control conditions noted during the data validation are discussed in Table 3 and in the following subsections.

3.3 Results Detected Between the Method Detection Limit and Reporting Limit

Analytes that were detected at concentrations greater than the method detection limit (MDL), but less than the reporting limit (RL), are qualified as "J" per the QAPP to reflect the uncertainty associated with concentrations of analytical data between the MDL and the RL.

3.4 Matrix Spike and Matrix Spike Duplicates

MS recoveries for two lead samples by EPA method SW6010B showed out-of-control criteria for accuracy. In general, out-of-control recoveries were confirmed to be associated with matrix interference through the re-extraction and re-analysis process and/or demonstrated in-control results for LCSs.

Two lead samples failed to meet serial dilution precision. In addition, one of these samples also failed to meet the post digestion method criterion.

Table 4 shows data qualified because of out-of-control accuracy and/or precision on the MSs, serial dilutions, and post digestion spikes. Out-of-control, detected concentrations were flagged with a "J" and all qualified results are considered estimated concentrations.

3.5 Field Duplicate Precision

FDs were submitted at a minimum frequency of 1 per 10 project samples. The samples were submitted in a manner that the duplicate association was "blind" to the laboratory. In general, FD precision was acceptable with one lead FD pair of results requiring qualification because of out-of-control precision criteria. Out-of-control detected results from the parent and duplicate sample were qualified as estimated concentrations. Out-of-control precision requirements in FD samples are believed to be caused by sample heterogeneity or matrix interference in the analytical process. Table 5 presents all results qualified because of out-of-control FD precision.

3.6 Confirmation Results

Detected explosive analytes require confirmation by a second dissimilar column. Several low level detected results did not meet method confirmation acceptance criterion and were qualified as estimated results and flagged "J". Table 6 presents the results qualified for exceeding method confirmation criterion.

3.7 Blank Contamination

The laboratory and field blanks were generally free of contamination greater than the reporting limit with a few exceptions. Lead and explosive compounds, RDX and 1,3,5-trinitrobenzene, were detected in the EBs at relatively low concentrations . However, relative to the soil detected concentrations, the equipment blank concentrations were not significant and soil detected results were not impacted.

Nitrobenzene was detected in laboratory blanks below the RL. There were no associated nitrobenzene detected results in samples and therefore, no data were qualified.

3.8 Chain-of-Custody Discrepancies

MS/MSDs were specified on the COC for the lead samples as per the QAPP. However, the laboratory followed method SW6010B criteria and performed a laboratory duplicate in place of the MSD.

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4.0 Summary of Precision, Accuracy, Representativeness, Comparability, and Completeness

The quality of the field sampling efforts and laboratory results were evaluated for compliance with project data quality objectives through a review of overall precision, accuracy, representativeness, comparability, and completeness (PARCC). Procedures used to assess PARCC are in accordance with the respective analytical methods and the ERP QAPP requirements.

4.1 Precision

Matrix precision from MS/MSDs was in control for the explosives and PCBs. Matrix precision was also evaluated through the results of FD samples. Table 4 shows some matrix imprecision relative to lead serial dilutions. As shown in Table 5, the results of FD samples were in control overall and show that the field activities adequately collected representative samples and that the laboratory was capable of evaluating the matrix consistently.

Laboratory precision was acceptable as shown by the repeated in-control performance (accuracy) of the LCSs. Laboratory duplicate precision for lead was also in-control.

All results qualified from out-of-control precision were qualified as estimated concentrations. The method and matrix precision were generally acceptable.

4.2 Accuracy

MS accuracy was generally in control as shown in Table 4. Matrix accuracy from surrogate spikes was acceptable. The accuracy of LCSs was in control and calibrations were in control.

The results qualified from out-of-control calibration accuracy are considered to be estimated concentrations. Overall, the laboratory and matrix accuracy were acceptable.

4.3 Representativeness

Sample data were representative of the site conditions at the time of sample collection. All samples were properly stored and preserved. Analytical data are reported from an analysis

within the project-specified hold-time. Although there were detected compounds in the EB, there was no impact to the soil detected results. The results of laboratory blanks were at concentrations less than the RLs. Overall, blank contamination was indicative of normal laboratory and field operations.

4.4 Appropriateness of Reporting limits

This project was designed to allow risk-based decisions to be made based on the results of common EPA-approved analytical methodologies.

4.5 Comparability

All samples were reported in industry-standard units. Analytical protocols for the methods were followed. Results obtained are comparable to industry standards in that collection and analytical techniques followed approved, documented procedures.

4.6 Completeness

There were no results qualified as unusable for project objectives. Project completeness data are summarized in Table 7. The completeness objective of 90 percent for soil samples was met.

4.7 Conclusions

The data generated from soil sample analyses for the Release Assessment for Parcel 6 are of sufficient quality and quantity necessary for accomplishing project objectives. Sample results accurately indicate the presence and/or absence of target analyte contamination at sampled locations. Samples were collected and analyzed as specified in the project workplan and the QAPP except as noted in this report.

Sample results are believed to be representative of site conditions at the time of collection. Results obtained are comparable to industry standards in that collection and analytical techniques followed approved, documented procedures (except as noted in this report and reflected in qualified data points). All results are reported in industry standard units. Although blank contamination occurred, there was no impact to the sample results.

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5.0 References

CH2M HILL. June 2008. *Quality Assurance Project Plan Ft. Wingate Depot Activity, Release Assessment for Parcel 6, Fort Wingate Depot Activity, New Mexico*.

U.S. Environmental Protection Agency (EPA). June 1997. *SW-846 Test Methods for Evaluating Solid Waste, Update III*.

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TABLE 1
Sample Chronology – Data Summary

Laboratory	SDG	Sample ID	Method	Sample Date	Receive Date	Extract Date	Analysis Date
CTLabs	67874	FWDA-AOC78A-01-SS-072108	SW6010B	7/21/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-AOC78A-01-SS-072108	SW8330	7/21/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-AOC78A-02-SS-072108	SW6010B	7/21/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-AOC78A-02-SS-072108	SW8330	7/21/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-AOC78A-02-SS-072108MS	SW8330	7/21/2008	8/2/2008	8/2/2008	8/4/2008
		FWDA-AOC78A-02-SS-072108MSD	SW8330	7/21/2008	8/2/2008	8/2/2008	8/4/2008
		FWDA-AOC78B-01-SS-072108	SW6010B	7/21/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-AOC78B-01-SS-072108	SW8330	7/21/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-AOC78B-02-SS-072108	SW6010B	7/21/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-AOC78B-02-SS-072108	SW8330	7/21/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-AOC78C-01-SS-072208	SW6010B	7/22/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-AOC78C-01-SS-072208	SW8330	7/22/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-AOC78C-02-SS-072208	SW6010B	7/22/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-AOC78C-02-SS-072208	SW8330	7/22/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-AOC78C-02-SS-072208-DUP	SW6010B	7/22/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-AOC78C-02-SS-072208-DUP	SW8330	7/22/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-AOC78C-02-SS-072208MS	SW6010B	7/22/2008	7/31/2008	7/31/2008	8/4/2008
		FWDA-AOC78D-01-SS-072308	SW6010B	7/23/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-AOC78D-01-SS-072308	SW8330	7/23/2008	7/28/2008	8/2/2008	8/5/2008
		FWDA-AOC78D-02-SS-072308	SW6010B	7/23/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-AOC78D-02-SS-072308	SW8330	7/23/2008	7/28/2008	8/2/2008	8/5/2008
		FWDA-AOC78-T01-EB-072408	SW8082	7/24/2008	7/28/2008	7/29/2008	8/4/2008
		FWDA-AOC78-T01-SS-072408	SW8082	7/24/2008	7/28/2008	8/5/2008	8/14/2008
		FWDA-AOC78-T01-SS-072408-DUP	SW8082	7/24/2008	7/28/2008	8/5/2008	8/14/2008
		FWDA-AOC78-T01-SS-072408MS	SW8082	7/24/2008	8/5/2008	8/5/2008	8/14/2008
		FWDA-AOC78-T01-SS-072408MSD	SW8082	7/24/2008	8/5/2008	8/5/2008	8/14/2008
		FWDA-AOC80-01-SS-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-AOC80-01-SS-072408	SW8330	7/24/2008	7/28/2008	8/2/2008	8/5/2008
		FWDA-AOC80-01-SS-072408-DUP	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-AOC80-01-SS-072408-DUP	SW8330	7/24/2008	7/28/2008	8/2/2008	8/5/2008
		FWDA-AOC80-02-SS-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-AOC80-02-SS-072408	SW8330	7/24/2008	7/28/2008	8/7/2008	8/13/2008
		FWDA-AOC80-02-SS-072408MS	SW8330	7/24/2008	8/7/2008	8/7/2008	8/13/2008
		FWDA-AOC80-02-SS-072408MSD	SW8330	7/24/2008	8/7/2008	8/7/2008	8/13/2008
		FWDA-AOC80-03-SS-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008

TABLE 1
Sample Chronology – Data Summary

Laboratory	SDG	Sample ID	Method	Sample Date	Receive Date	Extract Date	Analysis Date
CTLabs	67874	FWDA-AOC80-03-SS-072408	SW8330	7/24/2008	7/28/2008	8/7/2008	8/13/2008
		FWDA-AOC81-SS-072108	SW6010B	7/21/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-AOC81-SS-072108	SW8330	7/21/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-AOC83-SS-072108	SW6010B	7/21/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-AOC83-SS-072108	SW8330	7/21/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-AOC84-01-SS-072208	SW6010B	7/22/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-AOC84-01-SS-072208	SW8330	7/22/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-AOC84-02-SS-072208	SW6010B	7/22/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-AOC84-02-SS-072208	SW8330	7/22/2008	7/28/2008	8/2/2008	8/4/2008
		FWDA-AOC84-03-SS-072208	SW6010B	7/22/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-AOC84-03-SS-072208	SW8330	7/22/2008	7/28/2008	8/2/2008	8/5/2008
		FWDA-B1075-DL-SS-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-B1075-DL-SS-072408	SW8330	7/24/2008	7/28/2008	8/3/2008	8/7/2008
		FWDA-B1075-DR-SS-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-B1075-DR-SS-072408	SW8330	7/24/2008	7/28/2008	8/3/2008	8/6/2008
		FWDA-B1075-SS-072508	SW6010B	7/25/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-B1075-SS-072508	SW8330	7/25/2008	7/28/2008	8/7/2008	8/13/2008
		FWDA-B1081-DL-SS-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-B1081-DL-SS-072408	SW8330	7/24/2008	7/28/2008	8/3/2008	8/6/2008
		FWDA-B1081-DR-SS-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-B1081-DR-SS-072408	SW8330	7/24/2008	7/28/2008	8/3/2008	8/6/2008
		FWDA-B1081-SS-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-B1081-SS-072408	SW8330	7/24/2008	7/28/2008	8/7/2008	8/13/2008
		FWDA-B1087-DL-SS-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-B1087-DL-SS-072408	SW8330	7/24/2008	7/28/2008	8/3/2008	8/6/2008
		FWDA-B1087-DR-SS-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-B1087-DR-SS-072408	SW8330	7/24/2008	7/28/2008	8/3/2008	8/6/2008
		FWDA-B1087-SS-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/4/2008
		FWDA-B1087-SS-072408	SW8330	7/24/2008	7/28/2008	8/7/2008	8/13/2008
		FWDA-BLDG507-SS-072208	SW6010B	7/22/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-BLDG507-SS-072208	SW8330	7/22/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-BLDG516-SS-072208	SW6010B	7/22/2008	7/24/2008	7/31/2008	8/4/2008
		FWDA-BLDG516-SS-072208	SW8330	7/22/2008	7/24/2008	8/2/2008	8/4/2008
		FWDA-EB02-072208	SW6010B	7/22/2008	7/28/2008	7/31/2008	8/2/2008
		FWDA-EB02-072208	SW8330	7/22/2008	7/28/2008	7/28/2008	8/3/2008

TABLE 1
Sample Chronology – Data Summary

Laboratory	SDG	Sample ID	Method	Sample Date	Receive Date	Extract Date	Analysis Date
CTLabs	67874	FWDA-EB03-072408	SW6010B	7/24/2008	7/28/2008	7/31/2008	8/2/2008
		FWDA-EB03-072408	SW8330	7/24/2008	7/28/2008	7/28/2008	8/3/2008
		FWDA-Y-B1008-07172008	SW6010B	7/17/2008	7/21/2008	7/31/2008	8/4/2008
		FWDA-Y-B1008-07172008	SW8330	7/17/2008	7/21/2008	7/25/2008	7/29/2008
		FWDA-Y-B1011-07172008	SW6010B	7/17/2008	7/21/2008	7/31/2008	8/4/2008
		FWDA-Y-B1011-07172008	SW8330	7/17/2008	7/21/2008	7/25/2008	7/28/2008
		FWDA-Y-B1011-07172008MS	SW6010B	7/17/2008	7/31/2008	7/31/2008	8/4/2008
		FWDA-Y-B1011-07172008MS	SW8330	7/17/2008	7/25/2008	7/25/2008	7/28/2008
		FWDA-Y-B1011-07172008MSD	SW8330	7/17/2008	7/25/2008	7/25/2008	7/28/2008
		FWDA-Y-B1019-07172008	SW6010B	7/17/2008	7/21/2008	7/31/2008	8/5/2008
		FWDA-Y-B1019-07172008	SW8330	7/17/2008	7/21/2008	7/25/2008	7/29/2008
		FWDA-Y-B1034-07172008	SW6010B	7/17/2008	7/21/2008	7/31/2008	8/4/2008
		FWDA-Y-B1034-07172008	SW8330	7/17/2008	7/21/2008	7/25/2008	7/29/2008
		FWDA-Y-B1043-07162008	SW6010B	7/16/2008	7/21/2008	7/31/2008	8/4/2008
		FWDA-Y-B1043-07162008	SW8330	7/16/2008	7/21/2008	7/25/2008	7/28/2008
		FWDA-Y-B1045-07172008	SW6010B	7/17/2008	7/21/2008	7/31/2008	8/4/2008
		FWDA-Y-B1045-07172008	SW8330	7/17/2008	7/21/2008	7/25/2008	7/28/2008
		FWDA-Y-B1045-07172008-DUP	SW6010B	7/17/2008	7/21/2008	7/31/2008	8/4/2008
		FWDA-Y-B1045-07172008-DUP	SW8330	7/17/2008	7/21/2008	7/25/2008	7/29/2008
		FWDA-Y-B1052-07162008	SW6010B	7/16/2008	7/21/2008	7/31/2008	8/4/2008
		FWDA-Y-B1052-07162008	SW8330	7/16/2008	7/21/2008	7/25/2008	7/28/2008
		FWDA-Y-B1084-07152008	SW6010B	7/15/2008	7/21/2008	7/31/2008	8/4/2008
		FWDA-Y-B1084-07152008	SW8330	7/15/2008	7/21/2008	7/25/2008	7/29/2008
		FWDA-Y-EB-07172008	SW6010B	7/17/2008	7/21/2008	7/23/2008	7/24/2008
		FWDA-Y-EB-07172008	SW8330	7/17/2008	7/21/2008	7/23/2008	7/25/2008
	68139	FWDA-AOC79-01-SS-072908	SW6010B	7/29/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-AOC79-01-SS-072908	SW8330	7/29/2008	7/31/2008	8/7/2008	8/13/2008
		FWDA-AOC79-02-SS-072908	SW6010B	7/29/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-AOC79-02-SS-072908	SW8330	7/29/2008	7/31/2008	8/7/2008	8/13/2008
		FWDA-B1017-DL-SS-072808	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1017-DL-SS-072808	SW8330	7/28/2008	7/31/2008	8/3/2008	8/7/2008
		FWDA-B1017-DR-SS-072808	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1017-DR-SS-072808	SW8330	7/28/2008	7/31/2008	8/3/2008	8/7/2008
		FWDA-B1017-DR-SS-072808-DUP	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1017-DR-SS-072808-DUP	SW8330	7/28/2008	7/31/2008	8/3/2008	8/7/2008

TABLE 1
Sample Chronology – Data Summary

Laboratory	SDG	Sample ID	Method	Sample Date	Receive Date	Extract Date	Analysis Date
CTLabs	68139	FWDA-B1017-SS-072508	SW6010B	7/25/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1017-SS-072508	SW8330	7/25/2008	7/31/2008	8/8/2008	8/13/2008
		FWDA-B1019-DL-SS-072808	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1019-DL-SS-072808	SW8330	7/28/2008	7/31/2008	8/3/2008	8/6/2008
		FWDA-B1019-DL-SS-072808MS	SW6010B	7/28/2008	8/6/2008	8/6/2008	8/7/2008
		FWDA-B1019-DL-SS-072808MS	SW8330	7/28/2008	8/3/2008	8/3/2008	8/6/2008
		FWDA-B1019-DL-SS-072808MSD	SW8330	7/28/2008	8/3/2008	8/3/2008	8/6/2008
		FWDA-B1019-DR-SS-072808	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1019-DR-SS-072808	SW8330	7/28/2008	7/31/2008	8/3/2008	8/7/2008
		FWDA-B1019-SS-072808	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1019-SS-072808	SW8330	7/28/2008	7/31/2008	8/8/2008	8/13/2008
		FWDA-B1024-DL-SS-072808	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1024-DL-SS-072808	SW8330	7/28/2008	7/31/2008	8/3/2008	8/7/2008
		FWDA-B1024-DR-SS-072808	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1024-DR-SS-072808	SW8330	7/28/2008	7/31/2008	8/3/2008	8/7/2008
		FWDA-B1024-SS-072808	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1024-SS-072808	SW8330	7/28/2008	7/31/2008	8/8/2008	8/13/2008
		FWDA-B1024-SS-072808MS	SW6010B	7/28/2008	8/6/2008	8/6/2008	8/7/2008
		FWDA-B1024-SS-072808MS	SW8330	7/28/2008	8/8/2008	8/8/2008	8/13/2008
		FWDA-B1024-SS-072808MSD	SW8330	7/28/2008	8/8/2008	8/8/2008	8/13/2008
		FWDA-B1045-DL-SS-072508	SW6010B	7/25/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1045-DL-SS-072508	SW8330	7/25/2008	7/31/2008	8/3/2008	8/7/2008
		FWDA-B1045-DR-SS-072508	SW6010B	7/25/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1045-DR-SS-072508	SW8330	7/25/2008	7/31/2008	8/3/2008	8/7/2008
		FWDA-B1045-SS-072508	SW6010B	7/25/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1045-SS-072508	SW8330	7/25/2008	7/31/2008	8/8/2008	8/13/2008
		FWDA-B1050-DL-SS-072808	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1050-DL-SS-072808	SW8330	7/28/2008	7/31/2008	8/3/2008	8/7/2008
		FWDA-B1050-DR-SS-072808	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1050-DR-SS-072808	SW8330	7/28/2008	7/31/2008	8/3/2008	8/7/2008
		FWDA-B1050-SS-072808	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1050-SS-072808	SW8330	7/28/2008	7/31/2008	8/8/2008	8/13/2008
		FWDA-B1050-SS-072808-DUP	SW6010B	7/28/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1050-SS-072808-DUP	SW8330	7/28/2008	7/31/2008	8/8/2008	8/13/2008
		FWDA-B1054-DL-SS-072908	SW6010B	7/29/2008	7/31/2008	8/6/2008	8/7/2008

TABLE 1
Sample Chronology – Data Summary

Laboratory	SDG	Sample ID	Method	Sample Date	Receive Date	Extract Date	Analysis Date
CTLabs	68139	FWDA-B1054-DL-SS-072908	SW8330	7/29/2008	7/31/2008	8/8/2008	8/14/2008
		FWDA-B1054-DR-SS-072908	SW6010B	7/29/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1054-DR-SS-072908	SW8330	7/29/2008	7/31/2008	8/8/2008	8/14/2008
		FWDA-B1054-DR-SS-072908-DUP	SW6010B	7/29/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1054-DR-SS-072908-DUP	SW8330	7/29/2008	7/31/2008	8/8/2008	8/14/2008
		FWDA-B1054-SS-072908	SW6010B	7/29/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1054-SS-072908	SW8330	7/29/2008	7/31/2008	8/8/2008	8/13/2008
		FWDA-B1073-DL-SS-072508	SW6010B	7/25/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1073-DL-SS-072508	SW8330	7/25/2008	7/31/2008	8/8/2008	8/14/2008
		FWDA-B1073-DR-SS-072508	SW6010B	7/25/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1073-DR-SS-072508	SW8330	7/25/2008	7/31/2008	8/3/2008	8/7/2008
		FWDA-B1073-SS-072508	SW6010B	7/25/2008	7/31/2008	8/6/2008	8/7/2008
		FWDA-B1073-SS-072508	SW8330	7/25/2008	7/31/2008	8/8/2008	8/13/2008
		FWDA-T02-SS-073008	SW8082	7/30/2008	7/31/2008	8/5/2008	8/15/2008
		FWDA-T02-SS-073008-DUP	SW8082	7/30/2008	7/31/2008	8/5/2008	8/14/2008
		FWDA-T03-SS-073008	SW8082	7/30/2008	7/31/2008	8/5/2008	8/14/2008
		FWDA-T04-SS-073008	SW8082	7/30/2008	7/31/2008	8/5/2008	8/14/2008

TABLE 2

Sample Summary by Chain of Custody – Data Summary

CoC Number	Sample Date	Matrix	Sample ID / QAQC Type	SDG	Laboratory
FWDA-150708					
	21-Jul-08	SOIL	FWDA-AOC78A-01-SS-072108 / N	67874	CTLabs
			FWDA-AOC78A-02-SS-072108 / N	67874	CTLabs
			FWDA-AOC78A-02-SS-072108MS / MS	67874	CTLabs
			FWDA-AOC78A-02-SS-072108MSD / SD	67874	CTLabs
			FWDA-AOC78B-01-SS-072108 / N	67874	CTLabs
			FWDA-AOC78B-02-SS-072108 / N	67874	CTLabs
	22-Jul-08		FWDA-AOC78C-01-SS-072208 / N	67874	CTLabs
			FWDA-AOC78C-02-SS-072208 / N	67874	CTLabs
			FWDA-AOC78C-02-SS-072208-DUP / FD	67874	CTLabs
			FWDA-AOC78C-02-SS-072208MS / MS	67874	CTLabs
	23-Jul-08		FWDA-AOC78D-01-SS-072308 / N	67874	CTLabs
			FWDA-AOC78D-02-SS-072308 / N	67874	CTLabs
	24-Jul-08		FWDA-AOC78-T01-SS-072408 / N	67874	CTLabs
			FWDA-AOC78-T01-SS-072408-DUP / FD	67874	CTLabs
			FWDA-AOC78-T01-SS-072408MS / MS	67874	CTLabs
			FWDA-AOC78-T01-SS-072408MSD / SD	67874	CTLabs
			FWDA-AOC80-01-SS-072408 / N	67874	CTLabs
			FWDA-AOC80-01-SS-072408-DUP / FD	67874	CTLabs
			FWDA-AOC80-02-SS-072408 / N	67874	CTLabs
			FWDA-AOC80-02-SS-072408MS / MS	67874	CTLabs
			FWDA-AOC80-02-SS-072408MSD / SD	67874	CTLabs
			FWDA-AOC80-03-SS-072408 / N	67874	CTLabs
	21-Jul-08		FWDA-AOC81-SS-072108 / N	67874	CTLabs
			FWDA-AOC83-SS-072108 / N	67874	CTLabs
	22-Jul-08		FWDA-AOC84-01-SS-072208 / N	67874	CTLabs
			FWDA-AOC84-02-SS-072208 / N	67874	CTLabs
			FWDA-AOC84-03-SS-072208 / N	67874	CTLabs
	24-Jul-08		FWDA-B1075-DL-SS-072408 / N	67874	CTLabs
			FWDA-B1075-DR-SS-072408 / N	67874	CTLabs
	25-Jul-08		FWDA-B1075-SS-072508 / N	67874	CTLabs
	24-Jul-08		FWDA-B1081-DL-SS-072408 / N	67874	CTLabs
			FWDA-B1081-DR-SS-072408 / N	67874	CTLabs
			FWDA-B1081-SS-072408 / N	67874	CTLabs
			FWDA-B1087-DL-SS-072408 / N	67874	CTLabs

TABLE 2
Sample Summary by Chain of Custody – Data Summary

CoC Number	Sample Date	Matrix	Sample ID / QAQC Type	SDG	Laboratory
FWDA-150708					
	24-Jul-08	SOIL	FWDA-B1087-DR-SS-072408 / N	67874	CTLabs
			FWDA-B1087-SS-072408 / N	67874	CTLabs
	22-Jul-08		FWDA-BLDG507-SS-072208 / N	67874	CTLabs
			FWDA-BLDG516-SS-072208 / N	67874	CTLabs
	17-Jul-08		FWDA-Y-B1008-07172008 / N	67874	CTLabs
			FWDA-Y-B1011-07172008 / N	67874	CTLabs
			FWDA-Y-B1011-07172008MS / MS	67874	CTLabs
			FWDA-Y-B1011-07172008MSD / SD	67874	CTLabs
			FWDA-Y-B1019-07172008 / N	67874	CTLabs
			FWDA-Y-B1034-07172008 / N	67874	CTLabs
	16-Jul-08		FWDA-Y-B1043-07162008 / N	67874	CTLabs
	17-Jul-08		FWDA-Y-B1045-07172008 / N	67874	CTLabs
			FWDA-Y-B1045-07172008-DUP / FD	67874	CTLabs
	16-Jul-08		FWDA-Y-B1052-07162008 / N	67874	CTLabs
	15-Jul-08		FWDA-Y-B1084-07152008 / N	67874	CTLabs
	24-Jul-08	WATER	FWDA-AOC78-T01-EB-072408 / EB	67874	CTLabs
	22-Jul-08		FWDA-EB02-072208 / EB	67874	CTLabs
	24-Jul-08		FWDA-EB03-072408 / EB	67874	CTLabs
	17-Jul-08		FWDA-Y-EB-07172008 / EB	67874	CTLabs
FWDA-250708					
	29-Jul-08	SOIL	FWDA-AOC79-01-SS-072908 / N	68139	CTLabs
			FWDA-AOC79-02-SS-072908 / N	68139	CTLabs
	28-Jul-08		FWDA-B1017-DL-SS-072808 / N	68139	CTLabs
			FWDA-B1017-DR-SS-072808 / N	68139	CTLabs
			FWDA-B1017-DR-SS-072808-DUP / FD	68139	CTLabs
	25-Jul-08		FWDA-B1017-SS-072508 / N	68139	CTLabs
	28-Jul-08		FWDA-B1019-DL-SS-072808 / N	68139	CTLabs
			FWDA-B1019-DL-SS-072808MS / MS	68139	CTLabs
			FWDA-B1019-DL-SS-072808MSD / SD	68139	CTLabs
			FWDA-B1019-DR-SS-072808 / N	68139	CTLabs
			FWDA-B1019-SS-072808 / N	68139	CTLabs
			FWDA-B1024-DL-SS-072808 / N	68139	CTLabs
			FWDA-B1024-DR-SS-072808 / N	68139	CTLabs

TABLE 2

Sample Summary by Chain of Custody – Data Summary

CoC Number	Sample Date	Matrix	Sample ID / QAQC Type	SDG	Laboratory
FWDA-250708					
	28-Jul-08	SOIL	FWDA-B1024-SS-072808 / N	68139	CTLabs
			FWDA-B1024-SS-072808MS / MS	68139	CTLabs
			FWDA-B1024-SS-072808MSD / SD	68139	CTLabs
	25-Jul-08		FWDA-B1045-DL-SS-072508 / N	68139	CTLabs
			FWDA-B1045-DR-SS-072508 / N	68139	CTLabs
			FWDA-B1045-SS-072508 / N	68139	CTLabs
	28-Jul-08		FWDA-B1050-DL-SS-072808 / N	68139	CTLabs
			FWDA-B1050-DR-SS-072808 / N	68139	CTLabs
			FWDA-B1050-SS-072808 / N	68139	CTLabs
			FWDA-B1050-SS-072808-DUP / FD	68139	CTLabs
	29-Jul-08		FWDA-B1054-DL-SS-072908 / N	68139	CTLabs
			FWDA-B1054-DR-SS-072908 / N	68139	CTLabs
			FWDA-B1054-DR-SS-072908-DUP / FD	68139	CTLabs
			FWDA-B1054-SS-072908 / N	68139	CTLabs
	25-Jul-08		FWDA-B1073-DL-SS-072508 / N	68139	CTLabs
			FWDA-B1073-DR-SS-072508 / N	68139	CTLabs
			FWDA-B1073-SS-072508 / N	68139	CTLabs
	30-Jul-08		FWDA-T02-SS-073008 / N	68139	CTLabs
			FWDA-T02-SS-073008-DUP / FD	68139	CTLabs
			FWDA-T03-SS-073008 / N	68139	CTLabs
			FWDA-T04-SS-073008 / N	68139	CTLabs

QAQC Type

N = normal environmental sample
FD = field duplicate
MS = matrix spike
SD = spike duplicate
TB = trip blank
EB = equipment blank
AB = ambient blank
FB = field blank

TABLE 3

Site Completeness by Analyte – Flagging Statistics

Matrix	Method	Analyte	Number of Samples					
Soil								
	SW6010B							
		Lead				64		
Validation Flag Category:		FieldDuplicate	2	J	Flags	(3.13%)	for	Field duplicate RPD criteria exceeded
Validation Flag Category:		Matrix	2	J	Flags	(3.13%)	for	Serial Dilution % difference exceeded criteria
Validation Flag Category:		Matrix	2	J	Flags	(3.13%)	for	Matrix spike recovery less than the lower control limit
Validation Flag Category:		Matrix	1	J	Flags	(1.56%)	for	Matrix spike recovery greater than the upper control limit
	SW8330							
		1,3,5-Trinitrobenzene				64		
Validation Flag Category:		Confirmation	6	J	Flags	(9.38%)	for	Confirmation precision exceeded
		2,4-Dinitrotoluene				64		
Validation Flag Category:		Confirmation	6	J	Flags	(9.38%)	for	Confirmation precision exceeded
		2,6-Dinitrotoluene				64		
Validation Flag Category:		Confirmation	2	J	Flags	(3.13%)	for	Confirmation precision exceeded
		2-Nitrotoluene				64		
Validation Flag Category:		Confirmation	1	J	Flags	(1.56%)	for	Confirmation precision exceeded
		3-Nitrotoluene				64		
Validation Flag Category:		Confirmation	1	J	Flags	(1.56%)	for	Confirmation precision exceeded
		4-Amino-2,6-dinitrotoluene				64		
Validation Flag Category:		Confirmation	2	J	Flags	(3.13%)	for	Confirmation precision exceeded

TABLE 3

Site Completeness by Analyte – Flagging Statistics

Matrix	Method	Analyte	Number of Samples				
Soil							
	SW8330						
		RDX			64		
Validation Flag Category:		Confirmation	4	J	Flags	(6.25%)	for Confirmation precision exceeded
		Tetryl			64		
Validation Flag Category:		Confirmation	1	J	Flags	(1.56%)	for Confirmation precision exceeded

Note: The total number of validation flags may exceed the actual number of samples if multiple flags were applied to the same sample. Consequently, the percentage of total flags (flags applied/number of samples) may exceed 100 percent.

* The most severe flag for each analyte becomes the final validation flag.

Qualifier Description:

J = Analyte was positively identified, the quantitation an estimate.

TABLE 4

Matrix Spike Precision/Accuracy – Qualified Data

Method	Matrix	Sample ID	Analyte	Result	MS/MSD Qualifier*	MS Recovery	Criteria
SW6010B	Soil		**Lead**				
		FWDA-AOC78C-02-SS-072		4.4 mg/kg	J	%R = 77 LCL=80 UCL=120	MS<LCL
		FWDA-B1019-DL-SS-07280		21.3 mg/kg	J	%R = 137 LCL=80 UCL=120	MS>UCL
		FWDA-B1024-SS-072808		10.8 mg/kg	J	%D = 15 (10%)	SerialDL%D
		FWDA-Y-B1011-07172008		15.3 mg/kg	J	PDS %R = 73 (75-125%)	MS<LCL
		FWDA-Y-B1011-07172008		15.3 mg/kg	J	%D = 29 (10%)	SerialDL%D

* The most severe flag for each analyte becomes the final validation flag.

Qualifier Description:

J = Analyte was positively identified, the quantitation an estimate.

Criteria:

MS<LCL = Matrix spike recovery less than the lower control limit

MS>UCL = Matrix spike recovery greater than the upper control limit

SerialDL%D = Serial Dilution % difference exceeded criteria

TABLE 5

Field Duplicate Precision – Qualified Data

Method	Matrix	Sample ID	Analyte	Result	Field Duplicate Qualifier*	Criteria
SW6010B	Soil		**Lead**			
		FWDA-B1054-DR-SS-07290		10.1 mg/kg	J	FD>RPD
		FWDA-B1054-DR-SS-07290		36.9 mg/kg	J	FD>RPD

* The most severe flag for each analyte becomes the final validation flag.

Qualifier Description:

J = Analyte was positively identified, the quantitation an estimate.

Criteria:

FD>RPD = Field duplicate RPD criteria exceeded

TABLE 6
Confirmation Analysis – Qualified Data

Method	Matrix	Sample ID	Analyte	Result	Confirmation Qualifier*	Criteria
SW8330	Soil		**1,3,5-Trinitrobenzene**			
		FWDA-AOC78B-01-SS-072		0.1 mg/kg	J	CF>RPD
		FWDA-AOC78D-02-SS-072		0.088 mg/kg	J	CF>RPD
		FWDA-AOC80-01-SS-07240		0.2 mg/kg	J	CF>RPD
		FWDA-AOC80-01-SS-07240		0.2 mg/kg	J	CF>RPD
		FWDA-AOC84-02-SS-07220		0.2 mg/kg	J	CF>RPD
		FWDA-B1075-DL-SS-07240		0.2 mg/kg	J	CF>RPD
SW8330	Soil		**2,4-Dinitrotoluene**			
		FWDA-AOC78C-02-SS-072		0.14 mg/kg	J	CF>RPD
		FWDA-AOC78D-02-SS-072		0.08 mg/kg	J	CF>RPD
		FWDA-AOC80-01-SS-07240		0.15 mg/kg	J	CF>RPD
		FWDA-AOC84-02-SS-07220		0.11 mg/kg	J	CF>RPD
		FWDA-AOC84-03-SS-07220		0.13 mg/kg	J	CF>RPD
		FWDA-BLDG507-SS-07220		0.068 mg/kg	J	CF>RPD
SW8330	Soil		**2,6-Dinitrotoluene**			
		FWDA-AOC78C-02-SS-072		0.13 mg/kg	J	CF>RPD
		FWDA-AOC84-03-SS-07220		0.16 mg/kg	J	CF>RPD
SW8330	Soil		**2-Nitrotoluene**			
		FWDA-BLDG507-SS-07220		0.092 mg/kg	J	CF>RPD
SW8330	Soil		**3-Nitrotoluene**			
		FWDA-AOC78D-01-SS-072		0.2 mg/kg	J	CF>RPD
SW8330	Soil		**4-Amino-2,6-dinitrotoluene**			
		FWDA-AOC78C-02-SS-072		0.14 mg/kg	J	CF>RPD
		FWDA-AOC78D-02-SS-072		0.18 mg/kg	J	CF>RPD
SW8330	Soil		**RDX**			
		FWDA-AOC78C-02-SS-072		0.18 mg/kg	J	CF>RPD

TABLE 6
Confirmation Analysis – Qualified Data

Method	Matrix	Sample ID	Analyte	Result	Confirmation Qualifier*	Criteria
		FWDA-AOC78D-02-SS-072		0.08 mg/kg	J	CF>RPD
		FWDA-AOC80-01-SS-07240		0.18 mg/kg	J	CF>RPD
		FWDA-AOC84-02-SS-07220		0.18 mg/kg	J	CF>RPD
SW8330	Soil		**Tetryl**			
		FWDA-AOC78C-02-SS-072		0.08 mg/kg	J	CF>RPD

* The most severe flag for each analyte becomes the final validation flag.

Qualifier Description:
J = Analyte was positively identified, the quantitation an estimate.

Criteria:
CF>RPD = Confirmation precision exceeded

TABLE 7

Site Completeness by Analyte – Qualified Data

			Number of Occurrences									
Method	**Analyte**	**Units**	**Analyses**	**Detects**	**Non-detects**	**Blank Flags**	**J Flags**	**M Flags**	**Contractor R Flags**	**Total R Flags**	**Contractor Percent Completeness**	**Overall Percent Completeness**
SW6010B	Lead	MG/KG	64	64			6				100	100
SW8082	Aroclor 1016	UG/KG	6		6						100	100
SW8082	Aroclor 1260	UG/KG	6		6						100	100
SW8330	1,3,5-Trinitrobenzene	MG/KG	64	6	58		6				100	100
SW8330	1,3-Dinitrobenzene	MG/KG	64		64						100	100
SW8330	2,4,6-Trinitrotoluene	MG/KG	64		64						100	100
SW8330	2,4-Dinitrotoluene	MG/KG	64	6	58		6				100	100
SW8330	2,6-Dinitrotoluene	MG/KG	64	8	56		2				100	100
SW8330	2-Amino-4,6-dinitrotoluene	MG/KG	64		64						100	100
SW8330	2-Nitrotoluene	MG/KG	64	1	63		1				100	100
SW8330	3-Nitrotoluene	MG/KG	64	1	63		1				100	100
SW8330	4-Amino-2,6-dinitrotoluene	MG/KG	64	2	62		2				100	100
SW8330	4-Nitrotoluene	MG/KG	64		64						100	100
SW8330	HMX	MG/KG	64	1	63		1				100	100
SW8330	Nitrobenzene	MG/KG	64		64						100	100
SW8330	Nitroglycerin	MG/KG	64		64						100	100
SW8330	PETN	MG/KG	64		64						100	100
SW8330	RDX	MG/KG	64	5	59		4				100	100
SW8330	Tetryl	MG/KG	64	1	63		1				100	100

Appendix I
New Mexico Environment Department Soil Screening Levels, and EPA Regional Screening Levels

NEW MEXICO ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau
and
Ground Water Quality Bureau
Voluntary Remediation Program

TECHNICAL BACKGROUND DOCUMENT FOR DEVELOPMENT OF SOIL SCREENING LEVELS
REVISION 5.0

August 2009

Table A-1: NMED Soil Screening Levels (December 2009)

(Newly added chemicals are highlighted in green)

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	Tap Water (ug/L)	End-point	Risk-based SSL for a DAF of 1 (mg/kg)	Risk-based SSL for a DAF of 20 (mg/kg)
Acenaphthene	3.44E+03	ns	3.67E+04	ns	1.86E+04	n	2.19E+03	n	2.05E+01	4.10E+02
Acetaldehyde	2.80E+02	c	1.12E+03	n	1.01E+03	n	1.88E+01	n	3.30E-03	6.60E-02
Acetone	6.75E+04	n	8.51E+05	nls	2.63E+05	nls	2.18E+04	n	3.84E+00	7.69E+01
Acrylonitrile	5.97E+00	c	3.14E+01	c	2.90E+02	n	4.54E-01	c	8.19E-05	1.64E-03
Acetophenone	7.82E+03	ns	1.14E+05	nls	3.10E+04	ns	3.65E+03	n	8.86E-01	1.77E+01
Acrolein	6.46E-01	n	2.06E+00	n	1.83E+00	n	4.16E-02	n	7.41E-06	1.48E-04
Aldrin	2.84E-01	c	1.12E+00	c	7.15E+00	n	3.92E-02	c	6.21E-03	1.24E-01
Aluminum	7.81E+04	n	1.13E+06	nl	4.07E+04	n	3.65E+04	n	5.48E+04	1.10E+06
Anthracene	1.72E+04	ns	1.83E+05	nl	6.68E+04	ns	1.10E+04	n	3.37E+02	6.74E+03
Antimony	3.13E+01	n	4.54E+02	n	1.24E+02	n	1.46E+01	n	6.61E-01	1.32E+01
Arsenic	3.90E+00	c	1.77E+01	c	6.54E+01	n	4.48E-01	c	1.31E-02	2.62E-01
Barium	1.56E+04	n	2.24E+05	nl	4.35E+03	n	7.30E+03	n	3.01E+02	6.03E+03
Benzene	1.55E+01	c	8.54E+01	c	4.71E+02	n	4.13E+00	c	1.85E-03	3.70E-02
Benzidine	2.11E-02	c	8.33E-02	c	7.20E-01	c	2.92E-03	c	1.25E-05	2.50E-04
Benzo(a)anthracene	6.21E+00	c	2.34E+01	c	2.13E+02	c	9.21E-01	c	3.20E-01	6.39E+00
Benzo(a)pyrene	6.21E-01	c	2.34E+00	c	2.13E+01	c	9.21E-02	c	1.09E-01	2.17E+00
Benzo(b)fluoranthene	6.21E+00	c	2.34E+01	c	2.13E+02	c	9.21E-01	c	1.11E+00	2.22E+01
Benzo(k)fluoranthene	6.21E+01	c	2.34E+02	c	2.06E+03	c	9.21E+00	c	1.09E+01	2.17E+02
Beryllium	1.56E+02	n	2.26E+03	n	1.44E+02	n	7.30E+01	n	5.77E+01	1.15E+03
a-BHC (a-Hexachlorocyclohexane, a-HCH)	7.72E-01	c	3.04E+00	c	2.63E+01	c	1.07E-01	c	5.59E-04	1.12E-02
b-BHC (b-Hexachlorocyclohexane, b-HCH)	2.70E+00	c	1.06E+01	c	9.19E+01	c	3.73E-01	c	1.96E-03	3.92E-02
g-BHC (Lindane)	5.17E+00	c	2.29E+01	c	8.30E+01	n	6.11E-01	c	3.20E-03	6.41E-02
1,1-Biphenyl	3.91E+03	ns	5.68E+04	ns	1.55E+04	ns	1.83E+03	n	1.74E+01	3.49E+02
Bis(2-chloroethyl) ether	2.56E+00	c	1.36E+01	c	1.47E+02	c	1.19E-01	c	2.33E-05	4.65E-04
Bis(2-chloroisopropyl) ether	9.15E+01	c	4.54E+02	c	3.10E+03	cs	9.60E+00	c	2.56E-03	5.11E-02
Bis(2-ethylhexyl) phthalate	3.47E+02	c	1.37E+03	c	4.76E+03	n	4.80E+01	c	1.19E+01	2.38E+02
Bis(chloromethyl) ether	6.20E-03	c	3.38E-02	c	4.95E-01	c	6.24E-04	c	1.13E-07	2.26E-06
Boron	1.56E+04	n	2.27E+05	nl	4.65E+04	n	7.30E+03	n	2.40E+01	4.80E+02
Bromodichloromethane	5.25E+00	c	2.92E+01	c	3.50E+03	cs	1.17E+00	c	2.76E-04	5.53E-03

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	Tap Water (ug/L)	End-point	Risk-based SSL for a DAF of 1 (mg/kg)	Risk-based SSL for a DAF of 20 (mg/kg)
Bromomethane	2.23E+01	n	8.36E+01	n	6.71E+01	n	8.66E+00	n	1.94E-03	3.88E-02
1,3-Butadiene	7.95E-01	c	4.23E+00	c	1.50E+01	n	1.76E-01	c	1.02E-04	2.04E-03
2-Butanone (Methyl ethyl ketone, MEK)	3.96E+04	n	3.69E+05	nl	1.48E+05	nls	7.06E+03	n	1.27E+00	2.53E+01
tert-Butyl methyl ether (MTBE)	8.62E+02	c	4.69E+03	c	6.55E+04	cs	1.25E+02	c	2.29E-02	4.59E-01
Cadmium	7.79E+01	n	1.12E+03	n	3.09E+02	n	1.83E+01	n	1.37E+00	2.75E+01
Carbon disulfide	1.94E+03	ns	7.54E+03	ns	5.89E+03	ns	1.04E+03	n	2.52E-01	5.04E+00
Carbon tetrachloride	4.38E+00	c	2.43E+01	c	1.99E+02	n	1.99E+00	c	7.39E-04	1.48E-02
Chlordane	1.62E+01	c	7.19E+01	c	1.35E+02	n	1.92E+00	c	2.50E-01	5.00E+00
2-Chloroacetophenone	3.10E+05	nl	9.75E+05	nl	2.81E+02	n				
2-Chloro-1,3-butadiene	2.19E+01	n	6.97E+01	n	6.23E+01	n	1.43E+01	n	7.67E-03	1.53E-01
1-Chloro-1,1-difluoroethane	1.57E+05	nls	4.93E+05	nl	4.44E+05	nls	1.04E+05	n	5.41E+01	1.08E+03
Chlorobenzene	5.08E+02	ns	2.14E+03	n	1.58E+03	ns	9.13E+01	n	5.38E-02	1.08E+00
1-Chlorobutane	3.13E+03	ns	4.54E+04	ns	1.24E+04	ns	1.46E+03	n	5.42E-01	1.08E+01
Chlorodifluoromethane	1.50E+05	nls	4.70E+05	nls	4.23E+05	nls	1.04E+05	n	4.36E+01	8.73E+02
Chloroform	5.72E+00	c	3.19E+01	c	6.71E+02	c	1.93E+00	c	4.68E-04	9.36E-03
Chloromethane	3.56E+01	c	1.98E+02	c	1.13E+03	n	1.78E+01	c	4.18E-03	8.36E-02
b-Chloronaphthalene	6.26E+03	ns	9.08E+04	ns	2.48E+04	ns	2.92E+03	n	1.35E+01	2.71E+02
o-Chloronitrobenzene	6.11E+01	n	1.13E+03	n	2.10E+02	n	3.65E+01	n	2.36E-02	4.72E-01
p-Chloronitrobenzene	6.11E+01	n	1.14E+03	n	2.94E+02	n	3.65E+01	n	2.32E-02	4.65E-01
2-Chlorophenol	3.91E+02	n	5.68E+03	n	1.55E+03	n	1.83E+02	n	1.53E-01	3.06E+00
2-Chloropropane	1.11E+03	n	3.50E+03	ns	3.15E+03	ns	2.09E+02	n	5.43E-02	1.09E+00
o-Chlorotoluene	1.56E+03	ns	2.27E+04	ns	6.19E+03	ns	7.30E+02	n	6.24E-01	1.25E+01
Chromium III	1.13E+05	nl	1.57E+06	nl	4.47E+05	nl	5.48E+04	n	9.86E+07	1.97E+09
Chromium VI	2.19E+02	n	2.92E+03	n	4.49E+02	n	1.10E+02	n	2.11E+00	4.22E+01
Chrysene	6.21E+02	c	2.34E+03	c	2.06E+04	c	9.21E+01	c	3.26E+01	6.52E+02
Copper	3.13E+03	n	4.54E+04	n	1.24E+04	n	1.46E+03	n	5.15E+01	1.03E+03
Crotonaldehyde	3.37E+00	c	1.67E+01	c	1.14E+02	c	3.54E-01	c	6.40E-05	1.28E-03
Cumene (isopropylbenzene)	3.21E+03	ns	1.49E+04	ns	1.03E+04	ns	6.79E+02	n	9.86E-01	1.97E+01
Cyanide	1.56E+03	n	2.27E+04	n	6.19E+03	n	7.30E+02	n	7.44E+00	1.49E+02
Cyanogen	3.13E+03	ns	4.54E+04	ns	1.24E+04	ns	1.46E+03	n	2.88E-01	5.76E+00
Cyanogen bromide	7.04E+03	n	1.02E+05	nl	2.79E+04	n	3.29E+03	n	9.42E-01	1.88E+01
Cyanogen chloride	3.91E+03	n	5.68E+04	ns	1.55E+04	ns	1.83E+03	n	3.33E-01	6.65E+00
DDD	2.03E+01	c	7.98E+01	c	6.95E+02	c	2.80E+00	c	6.41E-01	1.28E+01

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	Tap Water (ug/L)	End-point	Risk-based SSL for a DAF of 1 (mg/kg)	Risk-based SSL for a DAF of 20 (mg/kg)
DDE	1.43E+01	c	5.63E+01	c	4.90E+02	c	1.98E+00	c	4.52E-01	9.05E+00
DDT	1.72E+01	c	7.81E+01	c	1.42E+02	n	1.98E+00	c	6.53E-01	1.31E+01
Dibenz(a,h)anthracene	6.21E-01	c	2.34E+00	c	2.13E+01	c	9.21E-02	c	3.62E-01	7.24E+00
1,2-Dibromo-3-chloropropane	1.94E-01	c	1.09E+00	c	2.30E+01	c	8.03E-03	c	2.97E-06	5.95E-05
Dibromochloromethane	1.19E+01	c	6.13E+01	c	1.99E+03	c	1.47E+00	c	3.38E-04	6.75E-03
1,2-Dibromoethane	5.74E-01	c	3.14E+00	c	4.86E+01	c	6.53E-02	c	1.58E-05	3.16E-04
1,4-Dichloro-2-butene	4.60E-02	c	2.58E-01	c	5.80E+00	c	1.87E-02	c	8.17E-06	1.63E-04
1,2-Dichlorobenzene	3.01E+03	ns	1.43E+04	ns	9.71E+03	ns	3.70E+02	n	3.13E-01	6.27E+00
1,4-Dichlorobenzene	3.22E+01	c	1.80E+02	c	3.78E+03	cs	4.27E+00	c	3.57E-03	7.14E-02
3,3-Dichlorobenzidine	1.08E+01	c	4.26E+01	c	3.71E+02	c	1.49E+00	c	1.70E-02	3.41E-01
Dichlorodifluoromethane	4.81E+02	n	1.55E+03	ns	1.37E+03	ns	3.95E+02	n	7.23E-01	1.45E+01
1,1-Dichloroethane	6.29E+01	c	3.50E+02	c	6.88E+03	cs	2.42E+01	c	6.09E-03	1.22E-01
1,2-Dichloroethane	7.74E+00	c	4.28E+01	c	7.51E+02	c	1.49E+00	c	3.65E-04	7.30E-03
cis-1,2-Dichloroethene	7.82E+02	n	1.14E+04	ns	3.10E+03	cs	3.65E+02	n	9.43E-02	1.89E+00
trans-1,2-Dichloroethene	2.73E+02	n	9.95E+02	n	8.14E+02	n	1.07E+02	n	3.01E-02	6.03E-01
1,1-Dichloroethene	6.18E+02	n	2.22E+03	ns	1.83E+03	ns	3.40E+02	n	1.19E-01	2.38E+00
2,4-Dichlorophenol	1.83E+02	n	2.05E+03	n	7.15E+02	n	1.10E+02	n	1.37E-01	2.74E+00
1,2-Dichloropropane	1.47E+01	c	8.17E+01	c	1.17E+02	n	3.86E+00	c	1.11E-03	2.23E-02
1,3-Dichloropropene	2.35E+01	c	1.26E+02	c	5.10E+02	n	4.33E+00	c	1.35E-03	2.70E-02
Dicyclopentadiene	5.00E+01	n	1.68E+02	n	1.45E+02	n	1.39E+01	n	4.41E-02	8.81E-01
Dieldrin	3.04E-01	c	1.20E+00	c	1.03E+01	c	4.20E-02	c	6.75E-04	1.35E-02
Diethyl phthalate	4.89E+04	n	5.47E+05	nl	1.91E+05	nl	2.92E+04	n	1.06E+01	2.12E+02
Dimethyl phthalate	6.11E+05	nl	6.84E+06	nl	2.38E+06	nl	3.65E+05	n	8.36E+01	1.67E+03
Di-n-butyl phthalate (Dibutyl phthalate)	6.11E+03	n	6.84E+04	n	2.38E+04	n	3.65E+03	n	8.63E+00	1.73E+02
2,4-Dimethylphenol	1.22E+03	n	1.37E+04	n	4.76E+03	n	7.30E+02	n	9.12E-01	1.82E+01
4,6-Dinitro-o-cresol	6.11E+00	n	6.84E+01	n	2.38E+01	n	3.65E+00	n	3.93E-03	7.85E-02
2,4-Dinitrophenol	1.22E+02	n	1.37E+03	n	4.76E+02	n	7.30E+01	n	5.25E-02	1.05E+00
2,4-Dinitrotoluene	1.57E+01	c	1.03E+02	c	4.76E+02	n	2.17E+00	c	1.56E-03	3.12E-02
2,6-Dintitrotoluene	6.12E+01	n	6.87E+02	n	2.39E+02	n	3.65E+01	n	2.67E-02	5.33E-01
2,4/2,6-Dintrotoluene Mixture	7.15E+00	c	2.82E+01	c	2.45E+02	c	9.88E-01	c	7.22E-04	1.44E-02
1,4-Dioxane	4.42E+02	c	1.74E+03	c	1.97E+04	c	6.11E+01	c	1.07E-02	2.14E-01
1,2-Diphenylhydrazine	6.08E+00	c	2.39E+01	c	2.07E+02	c	8.40E-01	c	4.53E-03	9.06E-02
Endosulfan	3.67E+02	n	4.10E+03	n	1.43E+03	n	2.19E+02	n	7.26E+00	1.45E+02

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	Tap Water (ug/L)	End-point	Risk-based SSL for a DAF of 1 (mg/kg)	Risk-based SSL for a DAF of 20 (mg/kg)
Endrin	1.83E+01	n	2.05E+02	n	7.15E+01	n	1.10E+01	n	1.76E-01	3.52E+00
Epichlorohydrin	5.71E+01	n	1.99E+02	n	1.67E+02	n	2.07E+00	n	3.72E-04	7.45E-03
Ethyl acetate	7.04E+04	ns	1.02E+06	nl	2.79E+05	nls	3.29E+04	n	6.02E+00	1.20E+02
Ethyl acrylate	1.33E+02	c	6.62E+02	c	4.52E+03	cs	1.40E+01	c	2.70E-03	5.40E-02
Ethyl chloride	4.36E+04	ns	1.37E+05	nls	1.23E+05	nls	2.09E+04	n	5.42E+00	1.08E+02
Ethyl ether	1.56E+04	ns	2.27E+05	nls	6.19E+04	ns	7.30E+03	n	1.35E+00	2.71E+01
Ethyl methacrylate	7.04E+03	ns	1.02E+05	nls	2.79E+04	ns	3.29E+03	n	6.70E-01	1.34E+01
Ethylbenzene	6.97E+01	c	3.85E+02	c	6.63E+03	cs	1.48E+01	c	1.46E-02	2.91E-01
Ethylene oxide	3.92E+00	c	2.14E+01	c	3.26E+02	c	4.41E-01	c	7.76E-05	1.55E-03
Fluoranthene	2.29E+03	n	2.44E+04	n	8.91E+03	n	1.46E+03	n	1.55E+02	3.11E+03
Fluorene	2.29E+03	ns	2.44E+04	ns	8.91E+03	ns	1.46E+03	n	2.50E+01	5.00E+02
Fluoride	4.69E+03	n	6.81E+04	n	1.86E+04	n	2.19E+03	n		
Furan	7.82E+01	n	1.14E+03	n	3.10E+02	n	3.65E+01	n	1.21E-02	2.43E-01
Heptachlor	1.08E+00	c	4.26E+00	c	3.68E+01	c	1.49E-01	c	1.18E-02	2.35E-01
Hexachlorobenzene	3.04E+00	c	1.20E+01	c	1.03E+02	c	4.20E-01	c	2.21E-03	4.41E-02
Hexachloro-1,3-butadiene	6.11E+01	c	2.46E+02	c	2.38E+02	n	8.62E+00	c	1.47E-02	2.95E-01
Hexachlorocyclopentadiene	3.67E+02	n	4.10E+03	n	8.11E+02	n	2.19E+02	n	6.13E-01	1.23E+01
Hexachloroethane	6.11E+01	n	6.84E+02	n	2.38E+02	n	3.65E+01	n	1.93E-02	3.86E-01
n-Hexane	1.25E+03	ns	4.99E+03	ns	3.84E+03	ns	8.76E+02	n	7.69E+00	1.54E+02
HMX	3.06E+03	n	3.42E+04	n	1.19E+04	n	1.83E+03	n	5.39E+00	1.08E+02
Hydrazine anhydride	2.13E+00	c	1.06E+01	c	6.85E+01	c	2.24E-01	c	4.35E-05	8.71E-04
Hydrogen cyanide	1.56E+03	n	2.27E+04	n	5.08E+03	n	6.20E+00	n	1.08E-03	2.16E-02
Indeno(1,2,3-c,d)pyrene	6.21E+00	c	2.34E+01	c	2.13E+02	c	9.21E-01	c	3.70E+00	7.39E+01
Iron	5.48E+04	n	7.95E+05	nl	2.17E+05	nl	2.56E+04	n	6.46E+02	1.29E+04
Isobutanol (Isobutyl alcohol)	2.35E+04	ns	3.41E+05	nls	9.29E+04	ns	1.10E+04	n	1.93E+00	3.86E+01
Isophorone	5.12E+03	c	2.02E+04	c	4.75E+04	n	7.07E+02	c	1.85E-01	3.69E+00
Lead	4.00E+02	IEUBK	8.00E+02	IEUBK	8.00E+02	IEUBK				
Lead (tetraethyl-)	6.11E-03	n	6.84E-02	n	2.38E-02	n	3.65E-03	n	1.43E-05	2.86E-04
Maleic hydrazide	3.06E+04	ns	3.42E+05	nl	1.19E+05	nl	1.83E+04	n	3.45E+00	6.89E+01
Manganese	1.07E+04	n	1.45E+05	nl	4.63E+02	n	8.76E+02	n	2.70E-01	5.40E+00
Mercury (elemental)	7.71E+00	ns	4.99E+01	n	6.36E+01	ns	5.62E-01	n	2.93E-02	5.87E-01
Mercury (methyl)	7.82E+00	n	1.14E+02	n	3.10E+01	n	3.65E+00	n		
Methacrylonitrile	6.76E+00	n	6.57E+01	n	2.54E+01	n	1.04E+00	n	2.01E-04	4.02E-03

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	Tap Water (ug/L)	End-point	Risk-based SSL for a DAF of 1 (mg/kg)	Risk-based SSL for a DAF of 20 (mg/kg)
Methomyl	1.53E+03	n	1.71E+04	n	5.96E+03	n	9.13E+02	n	1.75E-01	3.49E+00
Methyl acetate	7.82E+04	ns	1.14E+06	nls	3.10E+05	nls	3.65E+04	n	6.53E+00	1.31E+02
Methyl acrylate	2.35E+03	n	3.41E+04	ns	9.29E+03	ns	1.10E+03	n	2.01E-01	4.03E+00
Methyl isobutyl ketone	5.95E+03	ns	7.33E+04	ns	2.31E+04	ns	1.99E+03	n	3.79E-01	7.58E+00
Methyl methacrylate	1.52E+04	ns	5.34E+04	ns	4.46E+04	ns	1.42E+03	n	2.70E-01	5.40E+00
Methyl styrene (alpha)	5.48E+03	ns	7.95E+04	ns	2.17E+04	ns	2.56E+03	n	1.85E+00	3.70E+01
Methyl styrene (mixture)	2.58E+02	ns	1.42E+03	ns	8.65E+02	ns	6.04E+01	n	8.67E-02	1.73E+00
Methylcyclohexane	1.20E+04	ns	3.76E+04	ns	3.38E+04	ns	6.26E+03	n	3.45E+01	6.90E+02
Methylene bromide (Dibromomethane)	7.82E+02	n	1.14E+04	ns	3.10E+03	ns	3.65E+02	n	7.77E-02	1.55E+00
Methylene chloride	1.99E+02	c	1.09E+03	c	1.06E+04	ns	4.80E+01	c	1.07E-02	2.15E-01
Molybdenum	3.91E+02	n	5.68E+03	n	1.55E+03	n	1.83E+02	n	3.70E+00	7.40E+01
Naphthalene	4.50E+01	c	2.52E+02	cs	7.02E+02	ns	1.43E+00	c	4.19E-03	8.39E-02
Nickel	1.56E+03	n	2.27E+04	n	6.19E+03	n	7.30E+02	n	4.77E+01	9.53E+02
Nitrate	1.25E+05	nl	1.82E+06	nl	4.96E+05	nl	5.84E+04	n	1.67E+01	3.35E+02
Nitrite	7.82E+03	n	1.14E+05	nl	3.10E+04	n	3.65E+03	n	7.63E-01	1.53E+01
Nitrobenzene	4.94E+01	c	2.77E+02	c	5.20E+02	n	1.49E+01	n	6.86E-03	1.37E-01
Nitroglycerin	6.11E+00	n	6.84E+01	n	2.38E+01	n	3.65E+00	n	1.35E-03	2.70E-02
N-Nitrosodiethylamine	3.24E-02	c	1.28E-01	c	1.10E+00	c	4.48E-03	c	1.74E-06	3.47E-05
N-Nitrosodimethylamine	9.54E-02	c	3.76E-01	c	1.91E+00	n	1.32E-02	c	3.04E-06	6.08E-05
N-Nitrosodi-*n*-butylamine	7.26E-01	c	3.04E+00	c	2.90E+01	c	2.44E-02	c	6.48E-05	1.30E-03
N-Nitrosodiphenylamine	9.93E+02	c	3.91E+03	c	3.40E+04	c	1.37E+02	c	1.29E+00	2.58E+01
N-Nitrosopyrrolidine	2.32E+00	c	9.12E+00	c	7.88E+01	c	3.20E-01	c	1.32E-04	2.63E-03
m-Nitrotoluene	1.56E+03	n	2.27E+04	ns	6.19E+03	ns	7.30E+02	n	4.65E-01	9.30E+00
o-Nitrotoluene	2.91E+01	c	1.45E+02	c	2.79E+02	n	3.05E+00	c	1.98E-03	3.95E-02
p-Nitrotoluene	2.44E+02	n	1.20E+03	cs	9.53E+02	ns	4.20E+01	c	2.67E-02	5.35E-01
Pentachlorobenzene	4.89E+01	n	5.47E+02	n	1.91E+02	n	2.92E+01	n	9.37E-02	1.87E+00
Pentachlorophenol	2.98E+01	c	1.00E+02	c	1.03E+03	c	5.60E+00	c	2.94E-02	5.87E-01
Perchlorate	5.48E+01	n	7.95E+02	n	2.17E+02	n				
Phenanthrene	1.83E+03	ns	2.05E+04	ns	7.15E+03	ns	1.10E+03	n	8.34E+01	1.67E+03
Phenol	1.83E+04	n	2.05E+05	nl	6.88E+04	n	1.10E+04	n	6.30E+00	1.26E+02
Polychlorinatedbiphenyls	0.00E+00	c			0.00E+00	c				
Aroclor 1016	3.93E+00	n	4.13E+01	n	1.53E+01	n	2.56E+00	n	1.04E-01	2.09E+00
Aroclor 1221	1.76E+00	c	7.06E+00	c	7.13E+01	c	6.81E-02	c	1.07E-03	2.13E-02

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	Tap Water (ug/L)	End-point	Risk-based SSL for a DAF of 1 (mg/kg)	Risk-based SSL for a DAF of 20 (mg/kg)
Aroclor 1232	1.76E+00	c	7.06E+00	c	7.13E+01	c	6.81E-02	c	1.07E-03	2.13E-02
Aroclor 1242	2.22E+00	c	8.26E+00	c	7.58E+01	c	3.36E-01	c	2.26E-02	4.53E-01
Aroclor 1248	2.22E+00	c	8.26E+00	c	7.58E+01	c	3.36E-01	c	2.22E-02	4.44E-01
Aroclor 1254	1.12E+00	n	8.26E+00	c	4.36E+00	n	3.36E-01	c	3.82E-02	7.64E-01
Aroclor 1260	2.22E+00	c	8.26E+00	c	7.58E+01	c	3.36E-01	c	1.04E-01	2.09E+00
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	3.41E-01	c	1.27E+00	c	1.17E+01	c	5.17E-02	c	1.64E-02	3.28E-01
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180)	3.41E+00	c	1.27E+01	c	1.17E+02	c	5.17E-01	c	1.60E-01	3.21E+00
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	1.14E+00	c	4.24E+00	c	3.89E+01	c	1.72E-01	c	5.35E-02	1.07E+00
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	1.14E+00	c	4.24E+00	c	3.89E+01	c	1.72E-01	c	3.17E-02	6.34E-01
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 157)	1.14E+00	c	4.24E+00	c	3.89E+01	c	1.72E-01	c	3.24E-02	6.47E-01
2,3,3',4,4',5-Hexachlorobiphenyl (PCB 156)	1.14E+00	c	4.24E+00	c	3.89E+01	c	1.72E-01	c	3.24E-02	6.47E-01
3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	1.14E-03	c	4.24E-03	c	3.89E-02	c	1.72E-04	c	3.17E-05	6.34E-04
2',3,4,4',5-Pentachlorobiphenyl (PCB 123)	1.14E+00	c	4.24E+00	c	3.89E+01	c	1.72E-01	c	1.96E-02	3.92E-01
2',3',4,4',5-Pentachlorobiphenyl (PCB 118)	1.14E+00	c	4.24E+00	c	3.89E+01	c	1.72E-01	c	1.92E-02	3.84E-01
2',3,3',4,4'-Pentachlorobiphenyl (PCB 105)	1.14E+00	c	4.24E+00	c	3.89E+01	c	1.72E-01	c	1.96E-02	3.92E-01
2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	1.14E+00	c	4.24E+00	c	3.89E+01	c	1.72E-01	c	1.96E-02	3.92E-01
3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	3.41E-04	c	1.27E-03	c	1.17E-02	c	5.17E-05	c	5.75E-06	1.15E-04
3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	3.41E-01	c	1.27E+00	c	1.17E+01	c	5.17E-02	c	3.48E-03	6.97E-02
3,4,4',5-Tetrachlorobiphenyl (PCB 81)	1.14E-01	c	4.24E-01	c	3.89E+00	c	1.72E-02	c	1.16E-03	2.32E-02
Propylene oxide	2.29E+01	c	1.16E+02	c	8.65E+02	c	2.31E+00	c	4.09E-04	8.18E-03
Pyrene	1.72E+03	ns	1.83E+04	ns	6.68E+03	ns	1.10E+03	n	1.12E+02	2.24E+03
RDX (Hexahydro-1,3,5-trinitro-1,3,5-triazine	4.42E+01	c	1.74E+02	c	7.15E+02	n	6.11E+00	c	2.85E-03	5.70E-02
Selenium	3.91E+02	n	5.68E+03	n	1.55E+03	n	1.83E+02	n	9.65E-01	1.93E+01
Silver	3.91E+02	n	5.68E+03	n	1.55E+03	n	1.83E+02	n	1.57E+00	3.13E+01
Strontium	4.69E+04	n	6.81E+05	nl	1.86E+05	nl	2.19E+04	n	7.73E+02	1.55E+04
Styrene	8.97E+03	ns	5.12E+04	ns	3.03E+04	ns	1.62E+03	n	1.56E+00	3.12E+01
2,3,7,8-TCDD	4.50E-05	c	2.04E-04	c	2.84E-04	n	5.17E-06	c	1.14E-06	2.27E-05
2,3,7,8-TCDF	3.74E-04	c	1.47E-03	c	1.27E-02	c	5.17E-05	c	6.29E-06	1.26E-04
1,2,4,5-Tetrachlorobenzene	1.83E+01	n	2.05E+02	n	7.15E+01	n	1.10E+01	n	2.14E-02	4.29E-01
1,1,1,2-Tetrachloroethane	2.92E+01	c	1.61E+02	c	2.78E+03	cs	5.24E+00	c	1.73E-03	3.45E-02

Chemical	Residential Soil (mg/kg)	End-point	Industrial/ Occupational Soil (mg/kg)	End-point	Construction Worker Soil (mg/kg)	End-point	Tap Water (ug/L)	End-point	Risk-based SSL for a DAF of 1 (mg/kg)	Risk-based SSL for a DAF of 20 (mg/kg)
1,1,2,2-Tetrachloroethane	7.98E+00	c	4.33E+01	c	5.99E+02	c	6.71E-01	c	2.25E-04	4.50E-03
Tetrachloroethene	6.99E+00	c	3.64E+01	c	3.38E+02	cs	1.08E+00	c	4.49E-04	8.98E-03
Tetryl (Trinitrophenylmethylnitramine)	2.44E+02	n	2.74E+03	n	9.53E+02	n	1.46E+02	n	4.94E-01	9.88E+00
Thallium	5.16E+00	n	7.49E+01	n	2.04E+01	n	2.41E+00	n	1.72E-01	3.43E+00
Toluene	5.57E+03	ns	5.79E+04	ns	2.11E+04	ns	2.28E+03	n	1.38E+00	2.77E+01
Toxaphene	4.42E+00	c	1.74E+01	c	1.50E+02	c	6.11E-01	c	9.11E-02	1.82E+00
Tribromomethane (Bromoform)	6.16E+02	c	2.42E+03	c	4.76E+03	n	8.51E+01	c	6.04E-01	1.21E+01
1,1,2-Trichloro-1,2,2-trifluoroethane	1.04E+05	nls	3.39E+05	nls	2.98E+05	nls	5.92E+04	n	1.78E+02	3.56E+03
1,2,4-Trichlorobenzene	1.43E+02	ns	5.25E+02	ns	4.27E+02	ns	8.16E+00	n	1.02E-02	2.05E-01
1,1,1-Trichloroethane	2.18E+04	ns	7.71E+04	ns	6.43E+04	ns	9.13E+03	n	2.98E+00	5.95E+01
1,1,2-Trichloroethane	1.72E+01	c	9.43E+01	c	1.24E+03	ns	2.42E+00	c	6.74E-04	1.35E-02
Trichloroethylene	4.57E+01	c	2.53E+02	c	4.60E+03	cs	1.65E+01	c	5.30E-03	1.06E-01
Trichlorofluoromethane	2.01E+03	ns	6.76E+03	ns	5.82E+03	ns	1.29E+03	n	9.01E-01	1.80E+01
2,4,5-Trichlorophenol	6.11E+03	n	6.84E+04	n	2.38E+04	n	3.65E+03	n	7.13E+00	1.43E+02
2,4,6-Trichlorophenol	6.11E+01	n	6.84E+02	n	2.38E+02	n	3.65E+01	n	7.13E-02	1.43E+00
1,1,2-Trichloropropane	3.91E+02	n	5.68E+03	ns	1.55E+03	ns	1.83E+02	n	6.11E-02	1.22E+00
1,2,3-Trichloropropane	9.15E-01	c	4.54E+00	c	3.10E+01	c	9.60E-02	c	3.56E-05	7.13E-04
Triethylamine	3.70E+02	n	1.16E+03	n	1.05E+03	n	1.46E+01	n	4.89E-03	9.78E-02
2,4,6-Trinitrotoluene	3.59E+01	n	4.69E+02	n	1.41E+02	n	1.83E+01	n	5.34E-02	1.07E+00
Uranium (soluble salts)	2.35E+02	n	3.41E+03	n	9.29E+02	n	1.10E+02	n		
Vanadium	3.91E+02	n	5.68E+03	n	1.55E+03	n	1.83E+02	n	1.83E+02	3.65E+03
Vinyl acetate	3.65E+03	n	1.19E+04	ns	1.05E+04	ns	4.12E+02	n	7.63E-02	1.53E+00
Vinyl bromide	1.42E+01	n	4.46E+01	n	4.01E+01	n	6.26E+00	n	1.66E-03	3.32E-02
Vinyl chloride	8.65E-01	c	2.59E+01	c	2.48E+02	c	8.61E-01	c	2.88E-04	5.76E-03
m-Xylene	8.29E+03	ns	2.72E+04	ns	2.38E+04	ns	1.43E+03	n	1.23E+00	2.45E+01
o-Xylene	9.55E+03	ns	3.15E+04	ns	2.75E+04	ns	1.43E+03	n	1.23E+00	2.47E+01
Xylenes	1.09E+03	ns	3.61E+03	ns	3.13E+03	ns	2.03E+02	n	1.76E-01	3.52E+00
Zinc	2.35E+04	n	3.41E+05	nl	9.29E+04	n	1.10E+04	n	6.82E+02	1.36E+04

c - carcinogen
n - noncarcinogenc
cs - carcinogenc, SSL may exceed saturation
ns - noncarcinongen, SSL may exceed saturation
nl - noncarcinogen, SSL may exceed ceiling limit
nls - noncarcinogen, SSL may exceed both saturation and ceiling limit

EPA REGIONAL SCREENING LEVELS
RESIDENT SOIL SUPPORTING TABLE
DECEMBER 2009

EPA Regional Screening Level (RSL) Resident Soil Supporting Table DECEMBER 2009

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; nL = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	muta-gen	GIABS	ABS	PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)						(m^3/kg)	(m^3/kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
ALAR	1596-84-5	1.8E-02	C	5.1E-06	C	1.5E-01	I					1	0.1	1.4E+09			3.6E+01	1.1E+02	6.5E+05	2.7E+01	1.2E+04	4.2E+04		9.2E+03
Acephate	30560-19-1	8.7E-03	I			4.0E-03	I					1	0.1	1.4E+09			7.3E+01	2.3E+02		5.6E+01	3.1E+02	1.1E+03		2.4E+02
Acetaldehyde	75-07-0			2.2E-06	I			9.0E-03	I	V		1		1.4E+09	9.4E+03	1.1E+05			1.0E+01	1.0E+01			8.8E+01	8.8E+01
Acetochlor	34256-82-1					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Acetone	67-64-1					9.0E-01	I	3.1E+01	A	V		1		1.4E+09	1.5E+04	1.1E+05					7.0E+04		4.7E+05	6.1E+04
Acetone Cyanohydrin	75-86-5					3.0E-03	P	6.0E-02	P	V		1		1.4E+09	2.6E+04	1.1E+05					2.4E+02		1.6E+03	2.1E+02
Acetonitrile	75-05-8							6.0E-02	I	V		1		1.4E+09	1.4E+04	1.3E+05							8.7E+02	8.7E+02
Acetophenone	98-86-2					1.0E-01	I			V		1		1.4E+09	6.4E+04	2.5E+03					7.8E+03			7.8E+03
Acetylaminofluorene, 2-	53-96-3	3.8E+00	C	1.3E-03	C							1	0.1	1.4E+09			1.7E-01	5.3E-01	2.5E+03	1.3E-01				
Acrolein	107-02-8					5.0E-04	I	2.0E-05	I	V		1		1.4E+09	7.4E+03	2.3E+04					3.9E+01		1.6E-01	1.6E-01
Acrylamide	79-06-1	4.5E+00	I	1.3E-03	I	2.0E-04	I					1	0.1	1.4E+09			1.4E-01	4.5E-01	2.5E+03	1.1E-01	1.6E+01	5.6E+01		1.2E+01
Acrylic Acid	79-10-7					5.0E-01	I	1.0E-03	I			1	0.1	1.4E+09							3.9E+04	1.4E+05	1.4E+06	3.0E+04
Acrylonitrile	107-13-1	5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		1		1.4E+09	8.3E+03	1.1E+04	1.2E+00		3.0E-01	2.4E-01	3.1E+03		1.7E+01	1.7E+01
Adiponitrile	111-69-3							6.0E-03	P			1	0.1	1.4E+09									8.5E+06	8.5E+06
Alachlor	15972-60-8	5.6E-02	C			1.0E-02	I					1	0.1	1.4E+09			1.1E+01	3.6E+01		8.7E+00	7.8E+02	2.8E+03		6.1E+02
Aldicarb	116-06-3					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Aldicarb Sulfone	1646-88-4					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Aldrin	309-00-2	1.7E+01	I	4.9E-03	I	3.0E-05	I					1	0.1	1.4E+09			3.8E-02	1.2E-01	6.8E+02	2.9E-02	2.4E+00	8.4E+00		1.8E+00
Ally	74223-64-6					2.5E-01	I					1	0.1	1.4E+09							2.0E+04	7.0E+04		1.5E+04
Allyl Alcohol	107-18-6					5.0E-03	I	1.0E-04	X			1	0.1	1.4E+09							3.9E+02	1.4E+03	1.4E+05	3.1E+02
Allyl Chloride	107-05-1	2.1E-02	C	6.0E-06	C			1.0E-03	I	V		1		1.4E+09	1.7E+03	1.4E+03	3.0E+01		6.9E-01	6.8E-01			1.8E+00	1.8E+00
Aluminum	7429-90-5					1.0E+00	P	5.0E-03	P			1		1.4E+09							7.8E+04		7.1E+06	7.7E+04
Aluminum Phosphide	20859-73-8					4.0E-04	I					1		1.4E+09							3.1E+01			3.1E+01
Amdro	67485-29-4					3.0E-04	I					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Ametryn	834-12-8					9.0E-03	I					1	0.1	1.4E+09							7.0E+02	2.5E+03		5.5E+02
Aminobiphenyl, 4-	92-67-1	2.1E+01	C	6.0E-03	C							1	0.1	1.4E+09			3.0E-02	9.6E-02	5.5E+02	2.3E-02				
Aminophenol, m-	591-27-5					8.0E-02	P					1	0.1	1.4E+09							6.3E+03	2.2E+04		4.9E+03
Aminophenol, p-	123-30-8					2.0E-02	P					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Amitraz	33089-61-1					2.5E-03	I					1	0.1	1.4E+09							2.0E+02	7.0E+02		1.5E+02
Ammonium Perchlorate	7790-98-9					7.0E-04	I					1		1.4E+09							5.5E+01			5.5E+01
Ammonium Sulfamate	7773-06-0					2.0E-01	I					1		1.4E+09							1.6E+04			1.6E+04
Aniline	62-53-3	5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1	0.1	1.4E+09			1.1E+02	3.6E+02	2.1E+06	8.5E+01	5.5E+02	2.0E+03	1.4E+06	4.3E+02
Antimony (metallic)	7440-36-0					4.0E-04	I					0.15		1.4E+09							3.1E+01			3.1E+01
Antimony Pentoxide	1314-60-9					5.0E-04	H					0.15		1.4E+09							3.9E+01			3.9E+01
Antimony Potassium Tartrate	11071-15-1					9.0E-04	H					0.15		1.4E+09							7.0E+01			7.0E+01
Antimony Tetroxide	1332-81-6					4.0E-04	H					0.15		1.4E+09							3.1E+01			3.1E+01
Antimony Trioxide	1309-64-4							2.0E-04	I			0.15		1.4E+09									2.8E+05	2.8E+05
Apollo	74115-24-5					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Aramite	140-57-8	2.5E-02	I	7.1E-06	I	5.0E-02	H					1	0.1	1.4E+09			2.6E+01	8.1E+01	4.7E+05	1.9E+01	3.9E+03	1.4E+04		3.1E+03
Arsenic, Inorganic	7440-38-2	1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	0.03	1.4E+09			4.3E-01	4.5E+00	7.7E+02	3.9E-01	2.4E+01	2.8E+02	2.1E+04	2.2E+01
Arsine	7784-42-1					3.5E-06	C	5.0E-05	I			1		1.4E+09							2.7E-01		7.1E+04	2.7E-01
Assure	76578-14-8					9.0E-03	I					1	0.1	1.4E+09							7.0E+02	2.5E+03		5.5E+02
Asulam	3337-71-1					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Atrazine	1912-24-9	2.3E-01	C			3.5E-02	I					1	0.1	1.4E+09			2.8E+00	8.8E+00		2.1E+00	2.7E+03	9.8E+03		2.1E+03
Auramine	492-80-8	8.8E-01	C	2.5E-04	C									1.4E+09			7.3E-01		1.3E+04	7.3E-01				
Avermectin B1	65195-55-3					4.0E-04	I					1	0.1	1.4E+09							3.1E+01	1.1E+02		2.4E+01
Azobenzene	103-33-3	1.1E-01	I	3.1E-05	I					V		1		1.4E+09	5.8E+05		5.8E+00		4.5E+01	5.2E+00				
Barium	7440-39-3					2.0E-01	I	5.0E-04	H			0.07		1.4E+09							1.6E+04		7.1E+05	1.5E+04
Baygon	114-26-1					4.0E-03	I					1	0.1	1.4E+09							3.1E+02	1.1E+03		2.4E+02
Bayleton	43121-43-3					3.0E-02	I					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Baythroid	68359-37-5					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Benefin	1861-40-1					3.0E-01	I					1	0.1	1.4E+09							2.4E+04	8.4E+04		1.8E+04
Benomyl	17804-35-2					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Bentazon	25057-89-0					3.0E-02	I					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Benzaldehyde	100-52-7					1.0E-01	I			V		1		1.4E+09	2.4E+04	1.2E+03					7.8E+03			7.8E+03

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	GIABS	ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Benzene	71-43-2	5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1		1.4E+09	3.8E+03	1.8E+03	1.2E+01		1.2E+00	1.1E+00	3.1E+02		1.2E+02	8.6E+01
Benzenethiol	108-98-5					1.0E-05	H			V		1		1.4E+09	2.1E+04	1.3E+03					7.8E-01			7.8E-01
Benzidine	92-87-5	2.3E+02	I	6.7E-02	I	3.0E-03	I				M	1	0.1	1.4E+09			6.5E-04	2.2E-03	2.0E+01	5.0E-04	2.4E+02	8.4E+02		1.8E+02
Benzoic Acid	65-85-0					4.0E+00	I					1	0.1	1.4E+09							3.1E+05	1.1E+06		2.4E+05
Benzotrichloride	98-07-7	1.3E+01	I							V		1		1.4E+09	7.3E+04	3.2E+02	4.9E-02			4.9E-02				
Benzyl Alcohol	100-51-6					1.0E-01	P					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Benzyl Chloride	100-44-7	1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V		1		1.4E+09	2.7E+04	1.5E+03	3.8E+00		1.4E+00	1.0E+00	1.6E+02		2.9E+01	2.4E+01
Beryllium and compounds	7440-41-7			2.4E-03	I	2.0E-03	I	2.0E-05	I			0.007		1.4E+09					1.4E+03	1.4E+03	1.6E+02		2.8E+04	1.6E+02
Bidrin	141-66-2					1.0E-04	I					1	0.1	1.4E+09							7.8E+00	2.8E+01		6.1E+00
Bifenox	42576-02-3					9.0E-03	P					1	0.1	1.4E+09							7.0E+02	2.5E+03		5.5E+02
Biphenthrin	82657-04-3					1.5E-02	I					1	0.1	1.4E+09							1.2E+03	4.2E+03		9.2E+02
Biphenyl, 1,1'-	92-52-4					5.0E-02	I			V		1		1.4E+09	1.2E+05	2.1E+02					3.9E+03			3.9E+03
Bis(2-chloro-1-methylethyl) ether	108-60-1	7.0E-02	H	1.0E-05	H	4.0E-02	I			V		1		1.4E+09	3.8E+04	1.0E+03	9.1E+00		9.2E+00	4.6E+00	3.1E+03			3.1E+03
Bis(2-chloroethoxy)methane	111-91-1					3.0E-03	P					1	0.1	1.4E+09							2.4E+02	8.4E+02		1.8E+02
Bis(2-chloroethyl)ether	111-44-4	1.1E+00	I	3.3E-04	I					V		1		1.4E+09	4.6E+04	5.1E+03	5.8E-01		3.4E-01	2.1E-01				
Bis(2-ethylhexyl)phthalate	117-81-7	1.4E-02	I	2.4E-06	C	2.0E-02	I					1	0.1	1.4E+09			4.6E+01	1.5E+02	1.4E+06	3.5E+01	1.6E+03	5.6E+03		1.2E+03
Bis(chloromethyl)ether	542-88-1	2.2E+02	I	6.2E-02	I					V		1		1.4E+09	2.0E+03	4.2E+03	2.9E-03		7.9E-05	7.7E-05				
Bisphenol A	80-05-7					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Boron And Borates Only	7440-42-8					2.0E-01	I	2.0E-02	H			1		1.4E+09							1.6E+04		2.8E+07	1.6E+04
Boron Trifluoride	7637-07-2					4.0E-02	C	1.3E-02	C			1		1.4E+09							3.1E+03		1.8E+07	3.1E+03
Bromate	15541-45-4	7.0E-01	I			4.0E-03	I					1		1.4E+09			9.1E-01			9.1E-01	3.1E+02			3.1E+02
Bromo-2-chloroethane, 1-	107-04-0	2.0E+00	X	6.0E-04	X					V		1		1.4E+09	6.4E+03	2.4E+03	3.2E-01		2.6E-02	2.4E-02				
Bromobenzene	108-86-1					8.0E-03	I	6.0E-02	I	V		1		1.4E+09	9.0E+03	6.8E+02					6.3E+02		5.6E+02	3.0E+02
Bromodichloromethane	75-27-4	6.2E-02	I	3.7E-05	C	2.0E-02	I			V		1		1.4E+09	4.3E+03	9.3E+02	1.0E+01		2.8E-01	2.7E-01	1.6E+03			1.6E+03
Bromoform	75-25-2	7.9E-03	I	1.1E-06	I	2.0E-02	I					1	0.1	1.4E+09			8.1E+01	2.6E+02	3.0E+06	6.2E+01	1.6E+03	5.6E+03		1.2E+03
Bromomethane	74-83-9					1.4E-03	I	5.0E-03	I	V		1		1.4E+09	1.5E+03	3.6E+03					1.1E+02		7.9E+00	7.3E+00
Bromophos	2104-96-3					5.0E-03	H					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Bromoxynil	1689-84-5					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Bromoxynil Octanoate	1689-99-2					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Butadiene, 1,3-	106-99-0	3.4E+00	C	3.0E-05	I			2.0E-03	I	V		1		1.4E+09	9.3E+02	6.7E+02	1.9E-01		7.6E-02	5.4E-02			1.9E+00	1.9E+00
Butanol, N-	71-36-3					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Butyl Benzyl Phthlate	85-68-7	1.9E-03	P			2.0E-01	I					1	0.1	1.4E+09			3.4E+02	1.1E+03		2.6E+02	1.6E+04	5.6E+04		1.2E+04
Butyl alcohol, sec-	78-92-2					2.0E+00	P	3.0E+01	P					1.4E+09							1.6E+05		4.3E+10	1.6E+05
Butylate	2008-41-5					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Butylated hydroxyanisole	25013-16-5	2.0E-04	C	5.7E-08	C									1.4E+09			3.2E+03		5.8E+07	3.2E+03				
Butylphthalyl Butylglycolate	85-70-1					1.0E+00	I					1	0.1	1.4E+09							7.8E+04	2.8E+05		6.1E+04
Cacodylic Acid	75-60-5					2.0E-02	A					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Cadmium (Diet)	7440-43-9			1.8E-03	I	1.0E-03	I	1.0E-05	A			0.025	0.001	1.4E+09					1.8E+03	1.8E+03	7.8E+01	7.0E+02	1.4E+04	7.0E+01
Caprolactam	105-60-2					5.0E-01	I					1	0.1	1.4E+09							3.9E+04	1.4E+05		3.1E+04
Captafol	2425-06-1	1.5E-01	C	4.3E-05	C	2.0E-03	I					1	0.1	1.4E+09			4.3E+00	1.4E+01	7.7E+04	3.2E+00	1.6E+02	5.6E+02		1.2E+02
Captan	133-06-2	2.3E-03	C	6.6E-07	C	1.3E-01	I					1	0.1	1.4E+09			2.8E+02	8.8E+02	5.0E+06	2.1E+02	1.0E+04	3.6E+04		7.9E+03
Carbaryl	63-25-2					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Carbofuran	1563-66-2					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Carbon Disulfide	75-15-0					1.0E-01	I	7.0E-01	I	V		1		1.4E+09	1.3E+03	7.4E+02					7.8E+03		9.2E+02	8.2E+02
Carbon Tetrachloride	56-23-5	1.3E-01	I	1.5E-05	I	7.0E-04	I	1.9E-01	A	V		1		1.4E+09	1.6E+03	4.6E+02	4.9E+00		2.6E-01	2.5E-01	5.5E+01		3.2E+02	4.7E+01
Carbosulfan	55285-14-8					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Carboxin	5234-68-4					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Ceric oxide	1306-38-3							9.0E-04	I			1		1.4E+09									1.3E+06	1.3E+06
Chloral Hydrate	302-17-0					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Chloramben	133-90-4					1.5E-02	I					1	0.1	1.4E+09							1.2E+03	4.2E+03		9.2E+02
Chloranil	118-75-2	4.0E-01	H									1	0.1	1.4E+09			1.6E+00	5.0E+00		1.2E+00				
Chlordane	12789-03-6	3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			1	0.04	1.4E+09			1.8E+00	1.5E+01	3.3E+04	1.6E+00	3.9E+01	3.5E+02	9.9E+05	3.5E+01
Chlordecone (Kepone)	143-50-0	1.0E+01	I	4.6E-03	C	3.0E-04	I					1	0.1	1.4E+09			6.4E-02	2.0E-01	7.2E+02	4.9E-02	2.4E+01	8.4E+01		1.8E+01
Chlorfenvinphos	470-90-6					7.0E-04	A					1	0.1	1.4E+09							5.5E+01	2.0E+02		4.3E+01
Chlorimuron, Ethyl-	90982-32-4					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	GIABS	ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Chlorine	7782-50-5					1.0E-01	I	1.5E-04	A			1		1.4E+09							7.8E+03		2.1E+05	7.5E+03
Chlorine Dioxide	10049-04-4					3.0E-02	I	2.0E-04	I			1		1.4E+09							2.4E+03		2.8E+05	2.3E+03
Chlorite (Sodium Salt)	7758-19-2					3.0E-02	I					1		1.4E+09							2.4E+03			2.4E+03
Chloro-1,1-difluoroethane, 1-	75-68-3							5.0E+01	I	V		1		1.4E+09	1.1E+03	1.2E+03							5.8E+04	5.8E+04
Chloro-1,3-butadiene, 2-	126-99-8					2.0E-02	H	7.0E-03	H	V		1		1.4E+09	1.2E+03	7.5E+02					1.6E+03		8.5E+00	8.4E+00
Chloro-2-methylaniline HCl, 4-	3165-93-3	4.6E-01	H									1	0.1	1.4E+09			1.4E+00	4.4E+00		1.1E+00				
Chloroacetic Acid	79-11-8					2.0E-03	H					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Chloroacetophenone, 2-	532-27-4							3.0E-05	I			1	0.1	1.4E+09									4.3E+04	4.3E+04
Chloroaniline, p-	106-47-8	2.0E-01	P			4.0E-03	I					1	0.1	1.4E+09			3.2E+00	1.0E+01		2.4E+00	3.1E+02	1.1E+03		2.4E+02
Chlorobenzene	108-90-7					2.0E-02	I	5.0E-02	P	V		1		1.4E+09	6.9E+03	7.6E+02					1.6E+03		3.6E+02	2.9E+02
Chlorobenzilate	510-15-6	1.1E-01	C	3.1E-05	C	2.0E-02	I					1	0.1	1.4E+09			5.8E+00	1.8E+01	1.1E+05	4.4E+00	1.6E+03	5.6E+03		1.2E+03
Chlorobenzoic Acid, p-	74-11-3					3.0E-02	X					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Chlorobenzotrifluoride, 4-	98-56-6					3.0E-03	P	3.0E-01	P	V		1		1.4E+09	7.3E+03	1.2E+02					2.4E+02		2.3E+03	2.1E+02
Chlorobutane, 1-	109-69-3					4.0E-02	P			V		1		1.4E+09	1.9E+03	7.3E+02					3.1E+03			3.1E+03
Chlorodifluoromethane	75-45-6							5.0E+01	I	V		1		1.4E+09	1.0E+03	1.7E+03							5.3E+04	5.3E+04
Chloroform	67-66-3	3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1		1.4E+09	2.8E+03	2.5E+03	2.1E+01		3.0E-01	3.0E-01	7.8E+02		2.9E+02	2.1E+02
Chloromethane	74-87-3							9.0E-02	I	V		1		1.4E+09	1.3E+03	1.3E+03							1.2E+02	1.2E+02
Chloromethyl Methyl Ether	107-30-2	2.4E+00	C	6.9E-04	C					V		1		1.4E+09	5.7E+03	2.6E+04	2.7E-01		2.0E-02	1.9E-02				
Chloronaphthalene, Beta-	91-58-7					8.0E-02	I			V		1		1.4E+09	8.6E+04	1.8E+02					6.3E+03			6.3E+03
Chloronitrobenzene, o-	88-73-3	3.0E-01	P			3.0E-03	P	1.0E-05	X			1	0.1	1.4E+09			2.1E+00	6.7E+00		1.6E+00	2.4E+02	8.4E+02	1.4E+04	1.8E+02
Chloronitrobenzene, p-	100-00-5	6.3E-03	P			1.0E-03	P	6.0E-04	P			1	0.1	1.4E+09			1.0E+02	3.2E+02		7.7E+01	7.8E+01	2.8E+02	8.5E+05	6.1E+01
Chlorophenol, 2-	95-57-8					5.0E-03	I			V		1		1.4E+09	1.3E+05	2.2E+04					3.9E+02			3.9E+02
Chloropicrin	76-06-2							4.0E-04	C					1.4E+09									5.7E+05	5.7E+05
Chlorothalonil	1897-45-6	3.1E-03	C	8.9E-07	C	1.5E-02	I					1	0.1	1.4E+09			2.1E+02	6.5E+02	3.7E+06	1.6E+02	1.2E+03	4.2E+03		9.2E+02
Chlorotoluene, o-	95-49-8					2.0E-02	I			V		1		1.4E+09	8.7E+03	9.1E+02					1.6E+03			1.6E+03
Chlorotoluene, p-	106-43-4					7.0E-02	P			V		1		1.4E+09	7.9E+03	2.5E+02					5.5E+03			5.5E+03
Chlorozotocin	54749-90-5	2.4E+02	C	6.9E-02	C									1.4E+09			2.7E-03		4.8E+01	2.7E-03				
Chlorpropham	101-21-3					2.0E-01	I					1	0.1	1.4E+09							1.6E+04	5.6E+04		1.2E+04
Chlorpyrifos	2921-88-2					3.0E-03	I					1	0.1	1.4E+09							2.4E+02	8.4E+02		1.8E+02
Chlorpyrifos Methyl	5598-13-0					1.0E-02	H					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Chlorsulfuron	64902-72-3					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Chlorthiophos	60238-56-4					8.0E-04	H					1	0.1	1.4E+09							6.3E+01	2.2E+02		4.9E+01
Chromium(III), Insoluble Salts	16065-83-1					1.5E+00	I					0.013		1.4E+09							1.2E+05			1.2E+05
Chromium(VI)	18540-29-9	5.0E-01	J	8.4E-02	I	3.0E-03	I	1.0E-04	I		M	0.025		1.4E+09			3.0E-01		1.6E+01	2.9E-01	2.4E+02		1.4E+05	2.3E+02
Chromium, Total	7440-47-3											0.013		1.4E+09										
Cobalt	7440-48-4			9.0E-03	P	3.0E-04	P	6.0E-06	P			1		1.4E+09					3.7E+02	3.7E+02	2.4E+01		8.5E+03	2.3E+01
Copper	7440-50-8					4.0E-02	H					1		1.4E+09							3.1E+03			3.1E+03
Cresol, m-	108-39-4					5.0E-02	I	6.0E-01	C			1	0.1	1.4E+09							3.9E+03	1.4E+04	8.5E+08	3.1E+03
Cresol, o-	95-48-7					5.0E-02	I	6.0E-01	C			1	0.1	1.4E+09							3.9E+03	1.4E+04	8.5E+08	3.1E+03
Cresol, p-	106-44-5					5.0E-03	H	6.0E-01	C			1	0.1	1.4E+09							3.9E+02	1.4E+03	8.5E+08	3.1E+02
Cresol, p-chloro-m-	59-50-7					1.0E-01	X					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Cresols	1319-77-3					1.0E-01	A	6.0E-01	C	V		1		1.4E+09	3.3E+05	5.0E+04					7.8E+03		2.0E+05	7.5E+03
Crotonaldehyde, trans-	123-73-9	1.9E+00	H							V		1		1.4E+09	2.0E+04	1.7E+04	3.4E-01			3.4E-01				
Cumene	98-82-8					1.0E-01	I	4.0E-01	I	V		1		1.4E+09	6.7E+03	2.7E+02					7.8E+03		2.8E+03	2.1E+03
Cupferron	135-20-6	2.2E-01	C	6.3E-05	C									1.4E+09			2.9E+00		5.3E+04	2.9E+00				
Cyanazine	21725-46-2	8.4E-01	H			2.0E-03	H					1	0.1	1.4E+09			7.6E-01	2.4E+00		5.8E-01	1.6E+02	5.6E+02		1.2E+02
Cyanides																								
~Calcium Cyanide	592-01-8					4.0E-02	I					1		1.4E+09							3.1E+03			3.1E+03
~Copper Cyanide	544-92-3					5.0E-03	I					1		1.4E+09							3.9E+02			3.9E+02
~Cyanide (CN-)	57-12-5					2.0E-02	I			V		1		1.4E+09	5.0E+04	1.0E+07					1.6E+03			1.6E+03
~Cyanogen	460-19-5					4.0E-02	I			V		1		1.4E+09	1.3E+03	1.5E+03					3.1E+03			3.1E+03
~Cyanogen Bromide	506-68-3					9.0E-02	I			V		1		1.4E+09	9.7E+02	1.0E+05					7.0E+03			7.0E+03
~Cyanogen Chloride	506-77-4					5.0E-02	I			V		1		1.4E+09	2.1E+03	4.3E+03					3.9E+03			3.9E+03
~Hydrogen Cyanide	74-90-8					2.0E-02	I	3.0E-03	I	V		1		1.4E+09	6.1E+03	1.2E+05					1.6E+03		1.9E+01	1.9E+01
~Potassium Cyanide	151-50-8					5.0E-02	I					1		1.4E+09							3.9E+03			3.9E+03

EPA Regional Screening Level (RSL) Resident Soil Supporting Table DECEMBER 2009

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; nL = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	GIABS	ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
~Potassium Silver Cyanide	506-61-6					2.0E-01	I					0.04		1.4E+09							1.6E+04			1.6E+04
~Silver Cyanide	506-64-9					1.0E-01	I					0.04		1.4E+09							7.8E+03			7.8E+03
~Sodium Cyanide	143-33-9					4.0E-02	I					1		1.4E+09							3.1E+03			3.1E+03
~Thiocyanate	463-56-9					2.0E-04	P			V		1		1.4E+09	7.1E+03	4.6E+03					1.6E+01			1.6E+01
~Zinc Cyanide	557-21-1					5.0E-02	I					1		1.4E+09							3.9E+03			3.9E+03
Cyclohexane	110-82-7							6.0E+00	I	V		1		1.4E+09	1.1E+03	1.2E+02							7.0E+03	7.0E+03
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.3E-02	H									1	0.1	1.4E+09			2.8E+01	8.8E+01		2.1E+01				
Cyclohexanone	108-94-1					5.0E+00	I					1	0.1	1.4E+09							3.9E+05	1.4E+06		3.1E+05
Cyclohexylamine	108-91-8					2.0E-01	I					1	0.1	1.4E+09							1.6E+04	5.6E+04		1.2E+04
Cyhalothrin/karate	68085-85-8					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Cypermethrin	52315-07-8					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Cyromazine	66215-27-8					7.5E-03	I					1	0.1	1.4E+09							5.9E+02	2.1E+03		4.6E+02
DDD	72-54-8	2.4E-01	I	6.9E-05	C							1	0.1	1.4E+09			2.7E+00	8.4E+00	4.8E+04	2.0E+00				
DDE, p,p'-	72-55-9	3.4E-01	I	9.7E-05	C							1	0.1	1.4E+09			1.9E+00	6.0E+00	3.4E+04	1.4E+00				
DDT	50-29-3	3.4E-01	I	9.7E-05	I	5.0E-04	I					1	0.03	1.4E+09			1.9E+00	2.0E+01	3.4E+04	1.7E+00	3.9E+01	4.7E+02		3.6E+01
Dacthal	1861-32-1					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Dalapon	75-99-0					3.0E-02	I					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	7.0E-04	I			7.0E-03	I					1	0.1	1.4E+09			9.1E+02	2.9E+03		6.9E+02	5.5E+02	2.0E+03		4.3E+02
Demeton	8065-48-3					4.0E-05	I					1	0.1	1.4E+09							3.1E+00	1.1E+01		2.4E+00
Di(2-ethylhexyl)adipate	103-23-1	1.2E-03	I			6.0E-01	I					1	0.1	1.4E+09			5.3E+02	1.7E+03		4.1E+02	4.7E+04	1.7E+05		3.7E+04
Diallate	2303-16-4	6.1E-02	H									1	0.1	1.4E+09			1.1E+01	3.3E+01		8.0E+00				
Diazinon	333-41-5					7.0E-04	A					1	0.1	1.4E+09							5.5E+01	2.0E+02		4.3E+01
Dibromo-3-chloropropane, 1,2-	96-12-8	8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1		1.4E+09	3.4E+04	9.8E+02	1.9E-01		5.5E-03	5.4E-03	1.6E+01		7.2E+00	4.9E+00
Dibromobenzene, 1,4-	106-37-6					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Dibromochloromethane	124-48-1	8.4E-02	I	2.7E-05	C	2.0E-02	I			V		1	0.1	1.4E+09	8.6E+03	8.0E+02	7.6E+00	2.4E+01	7.7E-01	6.8E-01	1.6E+03	5.6E+03		1.2E+03
Dibromoethane, 1,2-	106-93-4	2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.4E+09	9.3E+03	1.3E+03	3.2E-01		3.8E-02	3.4E-02	7.0E+02		8.7E+01	7.8E+01
Dibromomethane (Methylene Bromide)	74-95-3					1.0E-02	H	4.0E-03	X	V		1		1.4E+09	6.1E+03	2.8E+03					7.8E+02		2.5E+01	2.5E+01
Dibutyl Phthalate	84-74-2					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Dibutyltin Compounds	NA					3.0E-04	P					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Dicamba	1918-00-9					3.0E-02	I					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Dichloro-2-butene, 1,4-	764-41-0			4.2E-03	P					V		1		1.4E+09	1.1E+04	5.2E+02			6.5E-03	6.5E-03				
Dichloro-2-butene, cis-1,4-	1476-11-5			4.2E-03	P					V		1	0.1	1.4E+09	1.2E+04	5.2E+02			6.9E-03	6.9E-03				
Dichloro-2-butene, trans-1,4-	110-57-6			4.2E-03	P					V		1	0.1	1.4E+09	1.2E+04	7.6E+02			6.9E-03	6.9E-03				
Dichloroacetic Acid	79-43-6	5.0E-02	I			4.0E-03	I					1	0.1	1.4E+09			1.3E+01	4.1E+01		9.7E+00	3.1E+02	1.1E+03		2.4E+02
Dichlorobenzene, 1,2-	95-50-1					9.0E-02	I	2.0E-01	H	V		1		1.4E+09	1.3E+04	3.8E+02					7.0E+03		2.6E+03	1.9E+03
Dichlorobenzene, 1,4-	106-46-7	5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1		1.4E+09	1.1E+04		1.2E+02		2.5E+00	2.4E+00	5.5E+03		9.4E+03	3.5E+03
Dichlorobenzidine, 3,3'-	91-94-1	4.5E-01	I	3.4E-04	C							1	0.1	1.4E+09			1.4E+00	4.5E+00	9.7E+03	1.1E+00				
Dichlorobenzophenone, 4,4'-	90-98-2					9.0E-03	X					1	0.1	1.4E+09							7.0E+02	2.5E+03		5.5E+02
Dichlorodifluoromethane	75-71-8					2.0E-01	I	2.0E-01	H	V		1		1.4E+09	9.0E+02	8.5E+02					1.6E+04		1.9E+02	1.8E+02
Dichloroethane, 1,1-	75-34-3	5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1		1.4E+09	2.2E+03	1.7E+03	1.1E+02		3.4E+00	3.3E+00	1.6E+04			1.6E+04
Dichloroethane, 1,2-	107-06-2	9.1E-02	I	2.6E-05	I	2.0E-02	P	2.4E+00	A	V		1		1.4E+09	4.9E+03	3.0E+03	7.0E+00		4.6E-01	4.3E-01	1.6E+03		1.3E+04	1.4E+03
Dichloroethylene, 1,1-	75-35-4					5.0E-02	I	2.0E-01	I	V		1		1.4E+09	1.2E+03	1.2E+03					3.9E+03		2.6E+02	2.4E+02
Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					9.0E-03	H			V		1		1.4E+09	2.7E+03	1.3E+03					7.0E+02			7.0E+02
Dichloroethylene, 1,2-cis-	156-59-2					1.0E-02	P			V		1		1.4E+09	2.7E+03	2.4E+03					7.8E+02			7.8E+02
Dichloroethylene, 1,2-trans-	156-60-5					2.0E-02	I	6.0E-02	P	V		1		1.4E+09	2.7E+03	1.7E+03					1.6E+03		1.7E+02	1.5E+02
Dichlorophenol, 2,4-	120-83-2					3.0E-03	I					1	0.1	1.4E+09							2.4E+02	8.4E+02		1.8E+02
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.0E-02	I					1	0.05	1.4E+09							7.8E+02	5.6E+03		6.9E+02
Dichlorophenoxy)butyric Acid, 4-(2,4-	94-82-6					8.0E-03	I					1	0.1	1.4E+09							6.3E+02	2.2E+03		4.9E+02
Dichloropropane, 1,2-	78-87-5	3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1		1.4E+09	3.9E+03	1.4E+03	1.8E+01		9.4E-01	9.0E-01	7.0E+03		1.6E+01	1.6E+01
Dichloropropane, 1,3-	142-28-9					2.0E-02	P			V		1		1.4E+09	7.3E+03	1.5E+03					1.6E+03			1.6E+03
Dichloropropanol, 2,3-	616-23-9					3.0E-03	I					1	0.1	1.4E+09							2.4E+02	8.4E+02		1.8E+02
Dichloropropene, 1,3-	542-75-6	1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1		1.4E+09	3.7E+03	1.6E+03	6.4E+00		2.2E+00	1.7E+00	2.4E+03		7.7E+01	7.4E+01
Dichlorvos	62-73-7	2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1	1.4E+09			2.2E+00	7.0E+00	4.0E+04	1.7E+00	3.9E+01	1.4E+02	7.1E+05	3.1E+01
Dicyclopentadiene	77-73-6					8.0E-03	P	7.0E-03	P	V		1		1.4E+09	3.9E+03	1.3E+02					6.3E+02		2.8E+01	2.7E+01
Dieldrin	60-57-1	1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1	1.4E+09			4.0E-02	1.3E-01	7.2E+02	3.0E-02	3.9E+00	1.4E+01		3.1E+00

EPA Regional Screening Level (RSL) Resident Soil Supporting Table DECEMBER 2009

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	GIABS	ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Diethanolamine	111-42-2							3.0E-03	C					1.4E+09									4.3E+06	4.3E+06
Diethyl Phthalate	84-66-2					8.0E-01	I					1	0.1	1.4E+09							6.3E+04	2.2E+05		4.9E+04
Diethylene Glycol Monobutyl Ether	112-34-5					3.0E-02	P	1.0E-04	P			1	0.1	1.4E+09							2.4E+03	8.4E+03	1.4E+05	1.8E+03
Diethylene Glycol Monoethyl Ether	111-90-0					6.0E-02	P	3.0E-04	P			1	0.1	1.4E+09							4.7E+03	1.7E+04	4.3E+05	3.6E+03
Diethylformamide	617-84-5					1.0E-03	P					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Diethylstilbestrol	56-53-1	3.5E+02	C	1.0E-01	C							1	0.1	1.4E+09			1.8E-03	5.8E-03	3.3E+01	1.4E-03				
Difenzoquat	43222-48-6					8.0E-02	I					1	0.1	1.4E+09							6.3E+03	2.2E+04		4.9E+03
Diflubenzuron	35367-38-5					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Difluoroethane, 1,1-	75-37-6							4.0E+01	I	V		1		1.4E+09	1.2E+03	1.4E+03							5.2E+04	5.2E+04
Dihydrosafrole	94-58-6	4.4E-02	C	1.3E-05	C									1.4E+09			1.5E+01		2.5E+05	1.5E+01				
Diisopropyl Ether	108-20-3							4.0E-01	P	V		1		1.4E+09	3.3E+03	2.3E+03							1.4E+03	1.4E+03
Diisopropyl Methylphosphonate	1445-75-6					8.0E-02	I			V		1		1.4E+09	3.1E+04	5.3E+02					6.3E+03			6.3E+03
Dimethipin	55290-64-7					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Dimethoate	60-51-5					2.0E-04	I					1	0.1	1.4E+09							1.6E+01	5.6E+01		1.2E+01
Dimethoxybenzidine, 3,3'-	119-90-4	1.4E-02	H									1	0.1	1.4E+09			4.6E+01	1.5E+02		3.5E+01				
Dimethyl methylphosphonate	756-79-6	1.7E-03	P			6.0E-02	P					1	0.1	1.4E+09			3.8E+02	1.2E+03		2.9E+02	4.7E+03	1.7E+04		3.7E+03
Dimethylamino azobenzene [p-]	60-11-7	4.6E+00	C	1.3E-03	C							1	0.1	1.4E+09			1.4E-01	4.4E-01	2.5E+03	1.1E-01				
Dimethylaniline HCl, 2,4-	21436-96-4	5.8E-01	H									1	0.1	1.4E+09			1.1E+00	3.5E+00		8.4E-01				
Dimethylaniline, 2,4-	95-68-1	7.5E-01	H									1	0.1	1.4E+09			8.5E-01	2.7E+00		6.5E-01				
Dimethylaniline, N,N-	121-69-7					2.0E-03	I			V		1		1.4E+09	3.4E+04	8.3E+02					1.6E+02			1.6E+02
Dimethylbenzidine, 3,3'-	119-93-7	1.1E+01	P									1	0.1	1.4E+09			5.8E-02	1.8E-01		4.4E-02				
Dimethylformamide	68-12-2					1.0E-01	P	3.0E-02	I			1	0.1	1.4E+09							7.8E+03	2.8E+04	4.3E+07	6.1E+03
Dimethylhydrazine, 1,1-	57-14-7					1.0E-04	X	2.0E-06	X			1	0.1	1.4E+09							7.8E+00	2.8E+01	2.8E+03	6.1E+00
Dimethylhydrazine, 1,2-	540-73-8	5.5E+02	C	1.6E-01	C							1	0.1	1.4E+09			1.2E-03	3.7E-03	2.1E+01	8.8E-04				
Dimethylphenol, 2,4-	105-67-9					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Dimethylphenol, 2,6-	576-26-1					6.0E-04	I					1	0.1	1.4E+09							4.7E+01	1.7E+02		3.7E+01
Dimethylphenol, 3,4-	95-65-8					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Dimethylterephthalate	120-61-6					1.0E-01	I			V		1		1.4E+09	2.3E+04	5.5E+00					7.8E+03			7.8E+03
Dimethylvinylchloride	513-37-1	4.5E-02	C	1.3E-05	C									1.4E+09			1.4E+01		2.5E+05	1.4E+01				
Dinitro-o-cresol, 4,6-	534-52-1					1.0E-04	P					1	0.1	1.4E+09							7.8E+00	2.8E+01		6.1E+00
Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Dinitrobenzene, 1,2-	528-29-0					1.0E-04	P					1	0.1	1.4E+09							7.8E+00	2.8E+01		6.1E+00
Dinitrobenzene, 1,3-	99-65-0					1.0E-04	I					1	0.1	1.4E+09							7.8E+00	2.8E+01		6.1E+00
Dinitrobenzene, 1,4-	100-25-4					1.0E-04	P					1	0.1	1.4E+09							7.8E+00	2.8E+01		6.1E+00
Dinitrophenol, 2,4-	51-28-5					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	6.8E-01	I									1	0.1	1.4E+09			9.4E-01	3.0E+00		7.1E-01				
Dinitrotoluene, 2,4-	121-14-2	3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102	1.4E+09			2.1E+00	6.4E+00	3.7E+04	1.6E+00	1.6E+02	5.5E+02		1.2E+02
Dinitrotoluene, 2,6-	606-20-2					1.0E-03	P					1	0.099	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.0E-03	S					1	0.006	1.4E+09							1.6E+02	9.3E+03		1.5E+02
Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.0E-03	S					1	0.009	1.4E+09							1.6E+02	6.2E+03		1.5E+02
Dinoseb	88-85-7					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Dioxane, 1,4-	123-91-1	1.1E-02	I	7.7E-06	C	1.0E-01	A	3.6E+00	A			1	0.1	1.4E+09			5.8E+01	1.8E+02	4.3E+05	4.4E+01	7.8E+03	2.8E+04	5.1E+09	6.1E+03
Dioxins																								
~Hexachlorodibenzo-p-dioxin, Mixture	NA	6.2E+03	I	1.3E+00	I							1	0.03	1.4E+09			1.0E-04	1.1E-03	2.5E+00	9.4E-05				
~TCDD, 2,3,7,8-	1746-01-6	1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C			1	0.03	1.4E+09			4.9E-06	5.2E-05	8.7E-02	4.5E-06	7.8E-05	9.3E-04	5.7E+01	7.2E-05
Diphenamid	957-51-7					3.0E-02	I					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Diphenyl Sulfone	127-63-9					8.0E-04	X					1	0.1	1.4E+09							6.3E+01	2.2E+02		4.9E+01
Diphenylamine	122-39-4					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Diphenylhydrazine, 1,2-	122-66-7	8.0E-01	I	2.2E-04	I							1	0.1	1.4E+09			8.0E-01	2.5E+00	1.5E+04	6.1E-01				
Diquat	85-00-7					2.2E-03	I					1	0.1	1.4E+09							1.7E+02	6.2E+02		1.3E+02
Direct Black 38	1937-37-7	7.4E+00	C	2.1E-03	C							1	0.1	1.4E+09			8.6E-02	2.7E-01	1.6E+03	6.6E-02				
Direct Blue 6	2602-46-2	7.4E+00	C	2.1E-03	C							1	0.1	1.4E+09			8.6E-02	2.7E-01	1.6E+03	6.6E-02				
Direct Brown 95	16071-86-6	6.7E+00	C	1.9E-03	C							1	0.1	1.4E+09			9.5E-02	3.0E-01	1.7E+03	7.3E-02				
Disulfoton	298-04-4					4.0E-05	I					1	0.1	1.4E+09							3.1E+00	1.1E+01		2.4E+00
Dithiane, 1,4-	505-29-3					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	GIABS	ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Diuron	330-54-1					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Dodine	2439-10-3					4.0E-03	I					1	0.1	1.4E+09							3.1E+02	1.1E+03		2.4E+02
EPTC	759-94-4					2.5E-02	I			V		1		1.4E+09	1.3E+05	4.1E+02					2.0E+03			2.0E+03
Endosulfan	115-29-7					6.0E-03	I					1	0.1	1.4E+09							4.7E+02	1.7E+03		3.7E+02
Endothall	145-73-3					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Endrin	72-20-8					3.0E-04	I					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Epichlorohydrin	106-89-8	9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		1.4E+09	2.0E+04	1.1E+04	6.5E+01		4.1E+01	2.5E+01	4.7E+02		2.1E+01	2.0E+01
Epoxybutane, 1,2-	106-88-7							2.0E-02	I	V		1		1.4E+09	8.2E+03	1.5E+04							1.7E+02	1.7E+02
Ethephon	16672-87-0					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Ethion	563-12-2					5.0E-04	I					1	0.1	1.4E+09							3.9E+01	1.4E+02		3.1E+01
Ethoxyethanol Acetate, 2-	111-15-9					3.0E-01	H	3.0E-01	C			1	0.1	1.4E+09							2.4E+04	8.4E+04	4.3E+08	1.8E+04
Ethoxyethanol, 2-	110-80-5					4.0E-01	H	2.0E-01	I			1	0.1	1.4E+09							3.1E+04	1.1E+05	2.8E+08	2.4E+04
Ethyl Acetate	141-78-6					9.0E-01	I			V		1		1.4E+09	9.3E+03	1.1E+04					7.0E+04			7.0E+04
Ethyl Acrylate	140-88-5	4.8E-02	H							V		1		1.4E+09	6.8E+03	2.5E+03	1.3E+01			1.3E+01				
Ethyl Chloride	75-00-3							1.0E+01	I	V		1		1.4E+09	1.4E+03	2.1E+03							1.5E+04	1.5E+04
Ethyl Ether	60-29-7					2.0E-01	I			V		1		1.4E+09	3.4E+03	1.0E+04					1.6E+04			1.6E+04
Ethyl Methacrylate	97-63-2					9.0E-02	H			V		1		1.4E+09	6.2E+03	1.1E+03					7.0E+03			7.0E+03
Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.0E-05	I					1	0.1	1.4E+09							7.8E-01	2.8E+00		6.1E-01
Ethylbenzene	100-41-4	1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		1		1.4E+09	6.1E+03	4.8E+02	5.8E+01		5.9E+00	5.4E+00	7.8E+03		6.4E+03	3.5E+03
Ethylene Cyanohydrin	109-78-4					3.0E-02	P					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Ethylene Diamine	107-15-3					9.0E-02	P					1	0.1	1.4E+09							7.0E+03	2.5E+04		5.5E+03
Ethylene Glycol	107-21-1					2.0E+00	I	4.0E-01	C			1	0.1	1.4E+09							1.6E+05	5.6E+05	5.7E+08	1.2E+05
Ethylene Glycol Monobutyl Ether	111-76-2					5.0E-01	I	1.3E+01	I			1	0.1	1.4E+09							3.9E+04	1.4E+05	1.8E+10	3.1E+04
Ethylene Oxide	75-21-8	3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1		1.4E+09	6.6E+03	1.2E+05	2.1E+00		1.8E-01	1.7E-01			2.1E+02	2.1E+02
Ethylene Thiourea	96-45-7	4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1	1.4E+09			1.4E+01	4.5E+01	2.5E+05	1.1E+01	6.3E+00	2.2E+01		4.9E+00
Ethyleneimine	151-56-4	6.5E+01	C	1.9E-02	C									1.4E+09			9.8E-03		1.7E+02	9.8E-03				
Ethylphthalyl Ethyl Glycolate	84-72-0					3.0E+00	I					1	0.1	1.4E+09							2.4E+05	8.4E+05		1.8E+05
Express	101200-48-0					8.0E-03	I					1	0.1	1.4E+09							6.3E+02	2.2E+03		4.9E+02
Fenamiphos	22224-92-6					2.5E-04	I					1	0.1	1.4E+09							2.0E+01	7.0E+01		1.5E+01
Fenpropathrin	39515-41-8					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Fluometuron	2164-17-2					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Fluoride	16984-48-8					4.0E-02	C	1.3E-02	C					1.4E+09							3.1E+03		1.8E+07	3.1E+03
Fluorine (Soluble Fluoride)	7782-41-4					6.0E-02	I	1.3E-02	C			1		1.4E+09							4.7E+03		1.8E+07	4.7E+03
Fluridone	59756-60-4					8.0E-02	I					1	0.1	1.4E+09							6.3E+03	2.2E+04		4.9E+03
Flurprimidol	56425-91-3					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Flutolanil	66332-96-5					6.0E-02	I					1	0.1	1.4E+09							4.7E+03	1.7E+04		3.7E+03
Fluvalinate	69409-94-5					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Folpet	133-07-3	3.5E-03	I			1.0E-01	I					1	0.1	1.4E+09			1.8E+02	5.8E+02		1.4E+02	7.8E+03	2.8E+04		6.1E+03
Fomesafen	72178-02-0	1.9E-01	I									1	0.1	1.4E+09			3.4E+00	1.1E+01		2.6E+00				
Fonofos	944-22-9					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Formaldehyde	50-00-0			1.3E-05	I	2.0E-01	I	9.8E-03	A			1	0.1	1.4E+09					2.5E+05	2.5E+05	1.6E+04	5.6E+04	1.4E+07	1.2E+04
Formic Acid	64-18-6					2.0E+00	H	3.0E-03	P			1	0.1	1.4E+09							1.6E+05	5.6E+05	4.3E+06	1.2E+05
Fosetyl-AL	39148-24-8					3.0E+00	I					1	0.1	1.4E+09							2.4E+05	8.4E+05		1.8E+05
Furans																								
~Dibenzofuran	132-64-9					1.0E-03	X			V		1		1.4E+09	2.1E+05	1.7E+02					7.8E+01			7.8E+01
~Furan	110-00-9					1.0E-03	I			V		1		1.4E+09	2.8E+03	6.2E+03					7.8E+01			7.8E+01
Furazolidone	67-45-8	3.8E+00	H									1	0.1	1.4E+09			1.7E-01	5.3E-01		1.3E-01				
Furfural	98-01-1					3.0E-03	I	5.0E-02	H			1	0.1	1.4E+09							2.4E+02	8.4E+02	7.1E+07	1.8E+02
Furium	531-82-8	1.5E+00	C	4.3E-04	C							1	0.1	1.4E+09			4.3E-01	1.4E+00	7.7E+03	3.2E-01				
Furmecyclox	60568-05-0	3.0E-02	I	8.6E-06	C							1	0.1	1.4E+09			2.1E+01	6.7E+01	3.9E+05	1.6E+01				
Glufosinate, Ammonium	77182-82-2					4.0E-04	I					1	0.1	1.4E+09							3.1E+01	1.1E+02		2.4E+01
Glutaraldehyde	111-30-8							8.0E-05	C					1.4E+09									1.1E+05	1.1E+05
Glycidyl	765-34-4					4.0E-04	I	1.0E-03	H			1	0.1	1.4E+09							3.1E+01	1.1E+02	1.4E+06	2.4E+01
Glyphosate	1071-83-6					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Goal	42874-03-3					3.0E-03	I					1	0.1	1.4E+09							2.4E+02	8.4E+02		1.8E+02

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	GIABS	ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Guthion	86-50-0					3.0E-03	A	1.0E-02	A			1	0.1	1.4E+09							2.4E+02	8.4E+02	1.4E+07	1.8E+02
Haloxyfop, Methyl	69806-40-2					5.0E-05	I					1	0.1	1.4E+09							3.9E+00	1.4E+01		3.1E+00
Harmony	79277-27-3					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Heptachlor	76-44-8	4.5E+00	I	1.3E-03	I	5.0E-04	I					1	0.1	1.4E+09			1.4E-01	4.5E-01	2.5E+03	1.1E-01	3.9E+01	1.4E+02		3.1E+01
Heptachlor Epoxide	1024-57-3	9.1E+00	I	2.6E-03	I	1.3E-05	I					1	0.1	1.4E+09			7.0E-02	2.2E-01	1.3E+03	5.3E-02	1.0E+00	3.6E+00		7.9E-01
Hexabromobenzene	87-82-1					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.0E-04	I							1.4E+09							1.6E+01			1.6E+01
Hexachlorobenzene	118-74-1	1.6E+00	I	4.6E-04	I	8.0E-04	I					1	0.1	1.4E+09			4.0E-01	1.3E+00	7.2E+03	3.0E-01	6.3E+01	2.2E+02		4.9E+01
Hexachlorobutadiene	87-68-3	7.8E-02	I	2.2E-05	I	1.0E-03	P					1	0.1	1.4E+09			8.2E+00	2.6E+01	1.5E+05	6.2E+00	7.8E+01	2.8E+02		6.1E+01
Hexachlorocyclohexane, Alpha-	319-84-6	6.3E+00	I	1.8E-03	I	8.0E-03	A					1	0.1	1.4E+09			1.0E-01	3.2E-01	1.8E+03	7.7E-02	6.3E+02	2.2E+03		4.9E+02
Hexachlorocyclohexane, Beta-	319-85-7	1.8E+00	I	5.3E-04	I							1	0.1	1.4E+09			3.6E-01	1.1E+00	6.2E+03	2.7E-01				
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.04	1.4E+09			5.8E-01	4.6E+00	1.1E+04	5.2E-01	2.4E+01	2.1E+02		2.1E+01
Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	I	5.1E-04	I							1	0.1	1.4E+09			3.6E-01	1.1E+00	6.5E+03	2.7E-01				
Hexachlorocyclopentadiene	77-47-4					6.0E-03	I	2.0E-04	I			1	0.1	1.4E+09							4.7E+02	1.7E+03	2.8E+05	3.7E+02
Hexachloroethane	67-72-1	1.4E-02	I	4.0E-06	I	1.0E-03	I					1	0.1	1.4E+09			4.6E+01	1.5E+02	8.3E+05	3.5E+01	7.8E+01	2.8E+02		6.1E+01
Hexachlorophene	70-30-4					3.0E-04	I					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	1.1E-01	I			3.0E-03	I					1	0.015	1.4E+09			5.8E+00	1.2E+02		5.5E+00	2.4E+02	5.6E+03		2.3E+02
Hexamethylene Diisocyanate, 1,6-	822-06-0							1.0E-05	I	V		1		1.4E+09	3.2E+05	5.2E+03							3.4E+00	3.4E+00
Hexane, N-	110-54-3					6.0E-02	H	7.0E-01	I	V		1		1.4E+09	8.9E+02	1.4E+02					4.7E+03		6.5E+02	5.7E+02
Hexanedioic Acid	124-04-9					2.0E+00	P					1	0.1	1.4E+09							1.6E+05	5.6E+05		1.2E+05
Hexanone, 2-	591-78-6					5.0E-03	I	3.0E-02	I	V		1		1.4E+09	1.4E+04	3.3E+03					3.9E+02		4.5E+02	2.1E+02
Hexazinone	51235-04-2					3.3E-02	I					1	0.1	1.4E+09							2.6E+03	9.2E+03		2.0E+03
Hydrazine	302-01-2	3.0E+00	I	4.9E-03	I			3.0E-05	P			1		1.4E+09			2.1E-01		6.8E+02	2.1E-01			4.3E+04	4.3E+04
Hydrazine Sulfate	10034-93-2	3.0E+00	I	4.9E-03	I							1		1.4E+09			2.1E-01		6.8E+02	2.1E-01				
Hydrogen Chloride	7647-01-0							2.0E-02	I			1		1.4E+09									2.8E+07	2.8E+07
Hydrogen Fluoride	7664-39-3					4.0E-02	C	1.4E-02	C			1		1.4E+09							3.1E+03		2.0E+07	3.1E+03
Hydrogen Sulfide	7783-06-4							2.0E-03	I			1		1.4E+09									2.8E+06	2.8E+06
Hydroquinone	123-31-9	6.0E-02	P			4.0E-02	P					1	0.1	1.4E+09			1.1E+01	3.4E+01		8.1E+00	3.1E+03	1.1E+04		2.4E+03
Imazalil	35554-44-0					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Imazaquin	81335-37-7					2.5E-01	I					1	0.1	1.4E+09							2.0E+04	7.0E+04		1.5E+04
Iodine	7553-56-2					1.0E-02	A							1.4E+09							7.8E+02			7.8E+02
Iprodione	36734-19-7					4.0E-02	I					1	0.1	1.4E+09							3.1E+03	1.1E+04		2.4E+03
Iron	7439-89-6					7.0E-01	P					1		1.4E+09							5.5E+04			5.5E+04
Isobutyl Alcohol	78-83-1					3.0E-01	I			V		1		1.4E+09	3.0E+04	1.0E+04					2.4E+04			2.4E+04
Isophorone	78-59-1	9.5E-04	I			2.0E-01	I	2.0E+00	C			1	0.1	1.4E+09			6.7E+02	2.1E+03		5.1E+02	1.6E+04	5.6E+04	2.8E+09	1.2E+04
Isopropalin	33820-53-0					1.5E-02	I					1	0.1	1.4E+09							1.2E+03	4.2E+03		9.2E+02
Isopropanol	67-63-0							7.0E+00	C			1	0.1	1.4E+09									9.9E+09	9.9E+09
Isopropyl Methyl Phosphonic Acid	1832-54-8					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Isoxaben	82558-50-7					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
JP-7	NA							3.0E-01	A	V		1		1.4E+09									4.3E+08	4.3E+08
Kerb	23950-58-5					7.5E-02	I					1	0.1	1.4E+09							5.9E+03	2.1E+04		4.6E+03
Lactofen	77501-63-4					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Lead Compounds																								
~Lead and Compounds	7439-92-1											1		1.4E+09										4.0E+02
~Tetraethyl Lead	78-00-2					1.0E-07	I					1	0.1	1.4E+09							7.8E-03	2.8E-02		6.1E-03
Lead acetate	301-04-2	2.8E-01	C	8.0E-05	C									1.4E+09			2.3E+00		4.1E+04	2.3E+00				
Lead subacetate	1335-32-6	3.8E-02	C	1.1E-05	C									1.4E+09			1.7E+01		3.0E+05	1.7E+01				
Linuron	330-55-2					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Lithium	7439-93-2					2.0E-03	P					1		1.4E+09							1.6E+02			1.6E+02
Lithium Perchlorate	7791-03-9					7.0E-04	I					1		1.4E+09							5.5E+01			5.5E+01
Londax	83055-99-6					2.0E-01	I					1	0.1	1.4E+09							1.6E+04	5.6E+04		1.2E+04
MCPA	94-74-6					5.0E-04	I					1	0.1	1.4E+09							3.9E+01	1.4E+02		3.1E+01
MCPB	94-81-5					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
MCPP	93-65-2					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Malathion	121-75-5					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	GIABS	ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Maleic Anhydride	108-31-6					1.0E-01	I	7.0E-04	C			1	0.1	1.4E+09							7.8E+03	2.8E+04	9.9E+05	6.1E+03
Maleic Hydrazide	123-33-1					5.0E-01	I					1	0.1	1.4E+09							3.9E+04	1.4E+05		3.1E+04
Malononitrile	109-77-3					1.0E-04	P					1	0.1	1.4E+09							7.8E+00	2.8E+01		6.1E+00
Mancozeb	8018-01-7					3.0E-02	H					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Maneb	12427-38-2					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Manganese (Water)	7439-96-5					2.4E-02	I	5.0E-05	I			0.04		1.4E+09							1.9E+03		7.1E+04	1.8E+03
Mephosfolan	950-10-7					9.0E-05	H					1	0.1	1.4E+09							7.0E+00	2.5E+01		5.5E+00
Mepiquat Chloride	24307-26-4					3.0E-02	I					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Mercury Compounds																								
~Mercuric Chloride	7487-94-7					3.0E-04	I	3.0E-05	C			0.07		1.4E+09							2.4E+01		4.3E+04	2.4E+01
~Mercuric Sulfide	1344-48-5					3.0E-04	S					1		1.4E+09							2.4E+01			2.4E+01
~Mercury (elemental)	7439-97-6					1.6E-04	C	3.0E-04	I	V		1		1.4E+09	3.2E+04	3.1E+00					1.3E+01		1.0E+01	5.6E+00
~Mercury, Inorganic Salts	NA					3.0E-04	S					0.07		1.4E+09							2.4E+01			2.4E+01
~Methyl Mercury	22967-92-6					1.0E-04	I					1		1.4E+09							7.8E+00			7.8E+00
~Phenylmercuric Acetate	62-38-4					8.0E-05	I					1	0.1	1.4E+09							6.3E+00	2.2E+01		4.9E+00
Merphos	150-50-5					3.0E-05	I					1	0.1	1.4E+09							2.4E+00	8.4E+00		1.8E+00
Merphos Oxide	78-48-8					3.0E-05	I					1	0.1	1.4E+09							2.4E+00	8.4E+00		1.8E+00
Metalaxyl	57837-19-1					6.0E-02	I					1	0.1	1.4E+09							4.7E+03	1.7E+04		3.7E+03
Methacrylonitrile	126-98-7					1.0E-04	I	7.0E-04	H	V		1		1.4E+09	7.3E+03	4.6E+03					7.8E+00		5.3E+00	3.2E+00
Methamidophos	10265-92-6					5.0E-05	I					1	0.1	1.4E+09							3.9E+00	1.4E+01		3.1E+00
Methanol	67-56-1					5.0E-01	I	4.0E+00	C			1	0.1	1.4E+09							3.9E+04	1.4E+05	5.7E+09	3.1E+04
Methidathion	950-37-8					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Methomyl	16752-77-5					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Methoxy-5-nitroaniline, 2-	99-59-2	4.9E-02	C	1.4E-05	C							1	0.1	1.4E+09			1.3E+01	4.1E+01	2.4E+05	9.9E+00				
Methoxychlor	72-43-5					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Methoxyethanol Acetate, 2-	110-49-6					2.0E-03	H	9.0E-02	C			1	0.1	1.4E+09							1.6E+02	5.6E+02	1.3E+08	1.2E+02
Methoxyethanol, 2-	109-86-4					3.0E-03	P	2.0E-02	I			1	0.1	1.4E+09							2.4E+02	8.4E+02	2.8E+07	1.8E+02
Methyl Acetate	79-20-9					1.0E+00	H			V		1		1.4E+09	8.7E+03	2.9E+04					7.8E+04			7.8E+04
Methyl Acrylate	96-33-3					3.0E-02	H			V		1		1.4E+09	7.5E+03	6.8E+03					2.4E+03			2.4E+03
Methyl Ethyl Ketone (2-Butanone)	78-93-3					6.0E-01	I	5.0E+00	I	V		1		1.4E+09	1.3E+04	2.8E+04					4.7E+04		6.9E+04	2.8E+04
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1					8.0E-02	H	3.0E+00	I	V		1		1.4E+09	1.1E+04	3.4E+03					6.3E+03		3.6E+04	5.3E+03
Methyl Isocyanate	624-83-9							1.0E-03	C					1.4E+09									1.4E+06	1.4E+06
Methyl Methacrylate	80-62-6					1.4E+00	I	7.0E-01	I	V		1		1.4E+09	6.8E+03	2.4E+03					1.1E+05		5.0E+03	4.8E+03
Methyl Parathion	298-00-0					2.5E-04	I					1	0.1	1.4E+09							2.0E+01	7.0E+01		1.5E+01
Methyl Phosphonic Acid	993-13-5					6.0E-02	X					1	0.1	1.4E+09							4.7E+03	1.7E+04		3.7E+03
Methyl Styrene (Mixed Isomers)	25013-15-4					6.0E-03	H	4.0E-02	H	V		1		1.4E+09	1.2E+04	3.8E+02					4.7E+02		5.1E+02	2.5E+02
Methyl methanesulfonate	66-27-3	9.9E-02	C	2.8E-05	C							1	0.1	1.4E+09			6.5E+00	2.0E+01	1.2E+05	4.9E+00				
Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E-03	C	2.6E-07	C			3.0E+00	I	V		1		1.4E+09	5.3E+03	8.9E+03	3.6E+02		4.9E+01	4.3E+01			1.7E+04	1.7E+04
Methyl-5-Nitroaniline, 2-	99-55-8	3.3E-02	H									1	0.1	1.4E+09			1.9E+01	6.1E+01		1.5E+01				
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	8.3E+00	C	2.4E-03	C									1.4E+09			7.7E-02		1.4E+03	7.7E-02				
Methylaniline Hydrochloride, 2-	636-21-5	1.3E-01	C	3.7E-05	C							1	0.1	1.4E+09			4.9E+00	1.6E+01	8.9E+04	3.7E+00				
Methylarsonic acid	124-58-3					1.0E-02	A					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Methylcholanthrene, 3-	56-49-5	2.2E+01	C	6.3E-03	C							1	0.1	1.4E+09			2.9E-02	9.2E-02	5.3E+02	2.2E-02				
Methylene Chloride	75-09-2	7.5E-03	I	4.7E-07	I	6.0E-02	I	1.0E+00	A	V		1		1.4E+09	2.4E+03	3.3E+03	8.5E+01		1.2E+01	1.1E+01	4.7E+03		2.6E+03	1.7E+03
Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1	1.4E+09			1.5E+00	5.1E+00	3.0E+03	1.2E+00	1.6E+02	5.6E+02		1.2E+02
Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	4.6E-02	I	1.3E-05	C							1	0.1	1.4E+09			1.4E+01	4.4E+01	2.5E+05	1.1E+01				
Methylenebisbenzenamine, 4,4'-	101-77-9	1.6E+00	C	4.6E-04	C			2.0E-02	C			1	0.1	1.4E+09			4.0E-01	1.3E+00	7.2E+03	3.0E-01			2.8E+07	2.8E+07
Methylenediphenyl Diisocyanate	101-68-8							6.0E-04	I			1	0.1	1.4E+09									8.5E+05	8.5E+05
Methylstyrene, Alpha-	98-83-9					7.0E-02	H			V		1		1.4E+09	1.4E+04	5.0E+02					5.5E+03			5.5E+03
Metolachlor	51218-45-2					1.5E-01	I					1	0.1	1.4E+09							1.2E+04	4.2E+04		9.2E+03
Metribuzin	21087-64-9					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Mineral oils	8012-95-1					3.0E+00	P							1.4E+09							2.4E+05			2.4E+05
Mirex	2385-85-5	1.8E+01	C	5.1E-03	C	2.0E-04	I					1	0.1	1.4E+09			3.6E-02	1.1E-01	6.5E+02	2.7E-02	1.6E+01	5.6E+01		1.2E+01
Molinate	2212-67-1					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Molybdenum	7439-98-7					5.0E-03	I					1		1.4E+09							3.9E+02			3.9E+02

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	GIABS	ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Monochloramine	10599-90-3					1.0E-01	I					1		1.4E+09							7.8E+03			7.8E+03
Monomethylaniline	100-61-8					2.0E-03	P					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.0E-04	X					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Naled	300-76-5					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Naphtha, High Flash Aromatic (HFAN)	64724-95-6					3.0E-02	X	1.0E-01	P	V				1.4E+09							2.4E+03		1.4E+08	2.4E+03
Naphthylamine, 2-	91-59-8	1.8E+00	C	0.0E+00	C							1	0.1	1.4E+09			3.6E-01	1.1E+00		2.7E-01				
Napropamide	15299-99-7					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Nickel Carbonyl	13463-39-3					5.0E-02	C	5.0E-05	C			0.04		1.4E+09							3.9E+03		7.1E+04	3.7E+03
Nickel Oxide	1313-99-1					5.0E-02	C	1.0E-04	C					1.4E+09							3.9E+03		1.4E+05	3.8E+03
Nickel Refinery Dust	NA			2.4E-04	I	5.0E-02	C	5.0E-05	C			0.04		1.4E+09					1.4E+04	1.4E+04	3.9E+03		7.1E+04	3.7E+03
Nickel Soluble Salts	7440-02-0			2.6E-04	C	2.0E-02	I	9.0E-05	A			0.04		1.4E+09					1.3E+04	1.3E+04	1.6E+03		1.3E+05	1.6E+03
Nickel Subsulfide	12035-72-2	1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C			0.04		1.4E+09			3.8E-01		6.9E+03	3.8E-01	3.9E+03		7.1E+04	3.7E+03
Nitrate	14797-55-8					1.6E+00	I					1		1.4E+09							1.3E+05			1.3E+05
Nitrite	14797-65-0					1.0E-01	I					1		1.4E+09							7.8E+03			7.8E+03
Nitroaniline, 2-	88-74-4					1.0E-02	X	5.0E-05	X			1	0.1	1.4E+09							7.8E+02	2.8E+03	7.1E+04	6.1E+02
Nitroaniline, 4-	100-01-6	2.0E-02	P			4.0E-03	P	6.0E-03	P			1	0.1	1.4E+09			3.2E+01	1.0E+02		2.4E+01	3.1E+02	1.1E+03	8.5E+06	2.4E+02
Nitrobenzene	98-95-3			4.0E-05	I	2.0E-03	I	9.0E-03	I	V		1		1.4E+09	7.9E+04	3.1E+03			4.8E+00	4.8E+00	1.6E+02		7.4E+02	1.3E+02
Nitrocellulose	9004-70-0					3.0E+03	P							1.4E+09							2.4E+08			2.4E+08
Nitrofurantoin	67-20-9					7.0E-02	H					1	0.1	1.4E+09							5.5E+03	2.0E+04		4.3E+03
Nitrofurazone	59-87-0	1.3E+00	C	3.7E-04	C							1	0.1	1.4E+09			4.9E-01	1.6E+00	8.9E+03	3.7E-01				
Nitroglycerin	55-63-0	1.7E-02	P			1.0E-04	P					1	0.1	1.4E+09			3.8E+01	1.2E+02		2.9E+01	7.8E+00	2.8E+01		6.1E+00
Nitroguanidine	556-88-7					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03
Nitromethane	75-52-5			9.0E-06	P			2.0E-02	P	V		1		1.4E+09	1.8E+04	1.8E+04			4.9E+00	4.9E+00			3.8E+02	3.8E+02
Nitropropane, 2-	79-46-9			2.7E-03	H			2.0E-02	I	V		1		1.4E+09	1.4E+04	4.9E+03			1.3E-02	1.3E-02			3.0E+02	3.0E+02
Nitroso-N-ethylurea, N-	759-73-9	2.7E+01	C	7.7E-03	C							1	0.1	1.4E+09			2.4E-02	7.5E-02	4.3E+02	1.8E-02				
Nitroso-N-methylurea, N-	684-93-5	1.2E+02	C	3.4E-02	C							1	0.1	1.4E+09			5.3E-03	1.7E-02	9.7E+01	4.1E-03				
Nitroso-di-N-butylamine, N-	924-16-3	5.4E+00	I	1.6E-03	I					V		1		1.4E+09	2.1E+05	7.1E+03	1.2E-01		3.2E-01	8.7E-02				
Nitroso-di-N-propylamine, N-	621-64-7	7.0E+00	I	2.0E-03	C							1	0.1	1.4E+09			9.1E-02	2.9E-01	1.7E+03	6.9E-02				
Nitrosodiethanolamine, N-	1116-54-7	2.8E+00	I	8.0E-04	C							1	0.1	1.4E+09			2.3E-01	7.2E-01	4.1E+03	1.7E-01				
Nitrosodiethylamine, N-	55-18-5	1.5E+02	I	4.3E-02	I						M	1	0.1	1.4E+09			9.9E-04	3.4E-03	3.0E+01	7.7E-04				
Nitrosodimethylamine, N-	62-75-9	5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X		M	1	0.1	1.4E+09			2.9E-03	9.9E-03	9.3E+01	2.3E-03	6.3E-01	2.2E+00	5.7E+04	4.9E-01
Nitrosodiphenylamine, N-	86-30-6	4.9E-03	I	2.6E-06	C							1	0.1	1.4E+09			1.3E+02	4.1E+02	1.3E+06	9.9E+01				
Nitrosomethylethylamine, N-	10595-95-6	2.2E+01	I	6.3E-03	C							1	0.1	1.4E+09			2.9E-02	9.2E-02	5.3E+02	2.2E-02				
Nitrosomorpholine [N-]	59-89-2	6.7E+00	C	1.9E-03	C							1	0.1	1.4E+09			9.5E-02	3.0E-01	1.7E+03	7.3E-02				
Nitrosopiperidine [N-]	100-75-4	9.4E+00	C	2.7E-03	C							1	0.1	1.4E+09			6.8E-02	2.2E-01	1.2E+03	5.2E-02				
Nitrosopyrrolidine, N-	930-55-2	2.1E+00	I	6.1E-04	I							1	0.1	1.4E+09			3.0E-01	9.6E-01	5.4E+03	2.3E-01				
Nitrotoluene, m-	99-08-1					1.0E-04	X					1	0.1	1.4E+09							7.8E+00	2.8E+01		6.1E+00
Nitrotoluene, o-	88-72-2	2.2E-01	P			9.0E-04	P			V		1		1.4E+09	1.5E+05	1.5E+03	2.9E+00			2.9E+00	7.0E+01			7.0E+01
Nitrotoluene, p-	99-99-0	1.6E-02	P			4.0E-03	P					1	0.1	1.4E+09			4.0E+01	1.3E+02		3.0E+01	3.1E+02	1.1E+03		2.4E+02
Nonane, n-	111-84-2					3.0E-04	X	2.0E-01	P	V				1.4E+09	1.1E+03	6.9E+00					2.4E+01		2.3E+02	2.1E+01
Norflurazon	27314-13-2					4.0E-02	I					1	0.1	1.4E+09							3.1E+03	1.1E+04		2.4E+03
Nustar	85509-19-9					7.0E-04	I					1	0.1	1.4E+09							5.5E+01	2.0E+02		4.3E+01
Octabromodiphenyl Ether	32536-52-0					3.0E-03	I					1	0.1	1.4E+09							2.4E+02	8.4E+02		1.8E+02
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					5.0E-02	I					1	0.006	1.4E+09							3.9E+03	2.3E+05		3.9E+03
Octamethylpyrophosphoramide	152-16-9					2.0E-03	H					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Oryzalin	19044-88-3					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Oxadiazon	19666-30-9					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Oxamyl	23135-22-0					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Paclobutrazol	76738-62-0					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Paraquat Dichloride	1910-42-5					4.5E-03	I					1	0.1	1.4E+09							3.5E+02	1.3E+03		2.8E+02
Parathion	56-38-2					6.0E-03	H					1	0.1	1.4E+09							4.7E+02	1.7E+03		3.7E+02
Pebulate	1114-71-2					5.0E-02	H					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Pendimethalin	40487-42-1					4.0E-02	I					1	0.1	1.4E+09							3.1E+03	1.1E+04		2.4E+03
Pentabromodiphenyl Ether	32534-81-9					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9					1.0E-04	I							1.4E+09							7.8E+00			7.8E+00

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	GIABS	ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Pentachlorobenzene	608-93-5					8.0E-04	I					1	0.1	1.4E+09							6.3E+01	2.2E+02		4.9E+01
Pentachloroethane	76-01-7	9.0E-02	P									1	0.1	1.4E+09			7.1E+00	2.3E+01		5.4E+00				
Pentachloronitrobenzene	82-68-8	2.6E-01	H			3.0E-03	I					1	0.1	1.4E+09			2.5E+00	7.8E+00		1.9E+00	2.4E+02	8.4E+02		1.8E+02
Pentachlorophenol	87-86-5	1.2E-01	I	5.1E-06	C	3.0E-02	I					1	0.25	1.4E+09			5.3E+00	6.7E+00	6.5E+05	3.0E+00	2.4E+03	3.4E+03		1.4E+03
Pentane, n-	109-66-0							1.0E+00	P	V				1.4E+09	8.4E+02	3.9E+02							8.8E+02	8.8E+02
Perchlorate and Perchlorate Salts	14797-73-0					7.0E-04	I					1		1.4E+09							5.5E+01			5.5E+01
Permethrin	52645-53-1					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Phenacetin	62-44-2	2.2E-03	C	6.3E-07	C							1	0.1	1.4E+09			2.9E+02	9.2E+02	5.3E+06	2.2E+02				
Phenmedipham	13684-63-4					2.5E-01	I					1	0.1	1.4E+09							2.0E+04	7.0E+04		1.5E+04
Phenol	108-95-2					3.0E-01	I	2.0E-01	C			1	0.1	1.4E+09							2.4E+04	8.4E+04	2.8E+08	1.8E+04
Phenylenediamine, m-	108-45-2					6.0E-03	I					1	0.1	1.4E+09							4.7E+02	1.7E+03		3.7E+02
Phenylenediamine, o-	95-54-5	4.7E-02	H									1	0.1	1.4E+09			1.4E+01	4.3E+01		1.0E+01				
Phenylenediamine, p-	106-50-3					1.9E-01	H					1	0.1	1.4E+09							1.5E+04	5.3E+04		1.2E+04
Phenylphenol, 2-	90-43-7	1.9E-03	H									1	0.1	1.4E+09			3.3E+02	1.0E+03		2.5E+02				
Phorate	298-02-2					2.0E-04	H					1	0.1	1.4E+09							1.6E+01	5.6E+01		1.2E+01
Phosgene	75-44-5							3.0E-04	I	V		1		1.4E+09	1.1E+03	1.6E+03							3.3E-01	3.3E-01
Phosmet	732-11-6					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Phosphine	7803-51-2					3.0E-04	I	3.0E-04	I			1		1.4E+09							2.4E+01		4.3E+05	2.4E+01
Phosphoric Acid	7664-38-2							1.0E-02	I			1		1.4E+09									1.4E+07	1.4E+07
Phosphorus, White	7723-14-0					2.0E-05	I					1		1.4E+09							1.6E+00			1.6E+00
Phthalic Acid, P-	100-21-0					1.0E+00	H					1	0.1	1.4E+09							7.8E+04	2.8E+05		6.1E+04
Phthalic Anhydride	85-44-9					2.0E+00	I	2.0E-02	C			1	0.1	1.4E+09							1.6E+05	5.6E+05	2.8E+07	1.2E+05
Picloram	1918-02-1					7.0E-02	I					1	0.1	1.4E+09							5.5E+03	2.0E+04		4.3E+03
Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					1.0E-04	X					1	0.1	1.4E+09							7.8E+00	2.8E+01		6.1E+00
Pirimiphos, Methyl	29232-93-7					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Polybrominated Biphenyls	59536-65-1	3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1	1.4E+09			2.1E-02	6.7E-02	3.9E+02	1.6E-02	5.5E-01	2.0E+00		4.3E-01
Polychlorinated Biphenyls (PCBs)																								
~Aroclor 1016	12674-11-2	7.0E-02	I	2.0E-05	I	7.0E-05	I					1	0.14	1.4E+09			9.1E+00	2.1E+01	1.7E+05	6.3E+00	5.5E+00	1.4E+01		3.9E+00
~Aroclor 1221	11104-28-2	2.0E+00	I	5.7E-04	I					V		1	0.14	1.4E+09	9.2E+04	7.6E+02	3.2E-01	7.2E-01	3.9E-01	1.4E-01				
~Aroclor 1232	11141-16-5	2.0E+00	I	5.7E-04	I					V		1	0.14	1.4E+09	9.2E+04	7.3E+01	3.2E-01	7.2E-01	3.9E-01	1.4E-01				
~Aroclor 1242	53469-21-9	2.0E+00	I	5.7E-04	I							1	0.14	1.4E+09			3.2E-01	7.2E-01	5.8E+03	2.2E-01				
~Aroclor 1248	12672-29-6	2.0E+00	I	5.7E-04	I							1	0.14	1.4E+09			3.2E-01	7.2E-01	5.8E+03	2.2E-01				
~Aroclor 1254	11097-69-1	2.0E+00	I	5.7E-04	I	2.0E-05	I					1	0.14	1.4E+09			3.2E-01	7.2E-01	5.8E+03	2.2E-01	1.6E+00	4.0E+00		1.1E+00
~Aroclor 1260	11096-82-5	2.0E+00	I	5.7E-04	I							1	0.14	1.4E+09			3.2E-01	7.2E-01	5.8E+03	2.2E-01				
~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.3E+01	C	3.8E-03	C							1	0.14	1.4E+09			4.9E-02	1.1E-01	8.7E+02	3.4E-02				
~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.3E+00	C	3.8E-04	C							1	0.14	1.4E+09			4.9E-01	1.1E+00	8.7E+03	3.4E-01				
~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	6.5E+01	C	1.9E-02	C							1	0.14	1.4E+09			9.8E-03	2.2E-02	1.7E+02	6.8E-03				
~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	6.5E+01	C	1.9E-02	C							1	0.14	1.4E+09			9.8E-03	2.2E-02	1.7E+02	6.8E-03				
~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.3E+03	C	3.8E-01	C							1	0.14	1.4E+09			4.9E-04	1.1E-03	8.7E+00	3.4E-04				
~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.3E+01	C	3.8E-03	C							1	0.14	1.4E+09			4.9E-02	1.1E-01	8.7E+02	3.4E-02				
~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.3E+01	C	3.8E-03	C							1	0.14	1.4E+09			4.9E-02	1.1E-01	8.7E+02	3.4E-02				
~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.3E+01	C	3.8E-03	C							1	0.14	1.4E+09			4.9E-02	1.1E-01	8.7E+02	3.4E-02				
~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	6.5E+02	C	1.9E-02	C							1	0.14	1.4E+09			9.8E-04	2.2E-03	1.7E+02	6.8E-04				
~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	1.3E+04	C	3.8E+00	C							1	0.14	1.4E+09			4.9E-05	1.1E-04	8.7E-01	3.4E-05				
~Polychlorinated Biphenyls (high risk)	1336-36-3	2.0E+00	I	5.7E-04	C							1	0.14	1.4E+09			3.2E-01	7.2E-01	5.8E+03	2.2E-01				
~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	1.3E+01	C	3.8E-03	C							1	0.14	1.4E+09			4.9E-02	1.1E-01	8.7E+02	3.4E-02				
~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.3E+01	C	3.8E-03	C							1	0.14	1.4E+09			4.9E-02	1.1E-01	8.7E+02	3.4E-02				
Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							6.0E-04	I			1	0.1	1.4E+09									8.5E+05	8.5E+05
Polynuclear Aromatic Hydrocarbons (PAHs)																								
~Acenaphthene	83-32-9					6.0E-02	I			V		1	0.13	1.4E+09	1.5E+05						4.7E+03	1.3E+04		3.4E+03
~Anthracene	120-12-7					3.0E-01	I			V		1	0.13	1.4E+09	5.6E+05						2.4E+04	6.5E+04		1.7E+04
~Benz[a]anthracene	56-55-3	7.3E-01	E	1.1E-04	C						M	1	0.13	1.4E+09			2.0E-01	5.3E-01	1.2E+04	1.5E-01				
~Benzo(j)fluoranthene	205-82-3	1.2E+00	C	1.1E-04	C									1.4E+09			5.3E-01		3.0E+04	5.3E-01				
~Benzo[a]pyrene	50-32-8	7.3E+00	I	1.1E-03	C						M	1	0.13	1.4E+09			2.0E-02	5.3E-02	1.2E+03	1.5E-02				
~Benzo[b]fluoranthene	205-99-2	7.3E-01	E	1.1E-04	C						M	1	0.13	1.4E+09			2.0E-01	5.3E-01	1.2E+04	1.5E-01				

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	GIABS	ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
~Benzo[k]fluoranthene	207-08-9	7.3E-02	E	1.1E-04	C						M	1	0.13	1.4E+09			2.0E+00	5.3E+00	1.2E+04	1.5E+00				
~Chrysene	218-01-9	7.3E-03	E	1.1E-05	C						M	1	0.13	1.4E+09			2.0E+01	5.3E+01	1.2E+05	1.5E+01				
~Dibenz[a,h]anthracene	53-70-3	7.3E+00	E	1.2E-03	C						M	1	0.13	1.4E+09			2.0E-02	5.3E-02	1.1E+03	1.5E-02				
~Dibenzo(a,e)pyrene	192-65-4	1.2E+01	C	1.1E-03	C									1.4E+09			5.3E-02		3.0E+03	5.3E-02				
~Dimethylbenz(a)anthracene, 7,12-	57-97-6	2.5E+02	C	7.1E-02	C							1	0.13	1.4E+09			2.6E-03	6.2E-03	4.7E+01	1.8E-03				
~Fluoranthene	206-44-0					4.0E-02	I					1	0.13	1.4E+09							3.1E+03	8.6E+03		2.3E+03
~Fluorene	86-73-7					4.0E-02	I			V		1	0.13	1.4E+09	3.0E+05						3.1E+03	8.6E+03		2.3E+03
~Indeno[1,2,3-cd]pyrene	193-39-5	7.3E-01	E	1.1E-04	C						M	1	0.13	1.4E+09			2.0E-01	5.3E-01	1.2E+04	1.5E-01				
~Methylnaphthalene, 1-	90-12-0	2.9E-02	P			7.0E-02	A			V		1		1.4E+09	6.3E+04	3.9E+02	2.2E+01			2.2E+01	5.5E+03			5.5E+03
~Methylnaphthalene, 2-	91-57-6					4.0E-03	I			V		1		1.4E+09	6.2E+04	3.7E+02					3.1E+02			3.1E+02
~Naphthalene	91-20-3			3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13	1.4E+09	5.0E+04				3.6E+00	3.6E+00	1.6E+03	4.3E+03	1.6E+02	1.4E+02
~Nitropyrene, 4-	57835-92-4	1.2E+00	C	1.1E-04	C									1.4E+09			5.3E-01		3.0E+04	5.3E-01				
~Pyrene	129-00-0					3.0E-02	I			V		1	0.13	1.4E+09	2.6E+06						2.4E+03	6.5E+03		1.7E+03
Potassium Perchlorate	7778-74-7					7.0E-04	I					1		1.4E+09							5.5E+01			5.5E+01
Prochloraz	67747-09-5	1.5E-01	I			9.0E-03	I					1	0.1	1.4E+09			4.3E+00	1.4E+01		3.2E+00	7.0E+02	2.5E+03		5.5E+02
Profluralin	26399-36-0					6.0E-03	H					1	0.1	1.4E+09							4.7E+02	1.7E+03		3.7E+02
Prometon	1610-18-0					1.5E-02	I					1	0.1	1.4E+09							1.2E+03	4.2E+03		9.2E+02
Prometryn	7287-19-6					4.0E-03	I					1	0.1	1.4E+09							3.1E+02	1.1E+03		2.4E+02
Propachlor	1918-16-7					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Propanil	709-98-8					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Propargite	2312-35-8					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Propargyl Alcohol	107-19-7					2.0E-03	I					1	0.1	1.4E+09							1.6E+02	5.6E+02		1.2E+02
Propazine	139-40-2					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Propham	122-42-9					2.0E-02	I					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Propiconazole	60207-90-1					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Propionaldehyde	123-38-6							8.0E-03	I	V				1.4E+09	9.6E+03	3.3E+04							8.0E+01	8.0E+01
Propyl benzene	103-65-1					1.0E-01	X	1.0E+00	X	V		1	0.1	1.4E+09	7.5E+03	2.6E+02					7.8E+03	2.8E+04	7.9E+03	3.4E+03
Propylene	115-07-1							3.0E+00	C					1.4E+09									4.3E+09	4.3E+09
Propylene Glycol	57-55-6					2.0E+01	P					1	0.1	1.4E+09							1.6E+06	5.6E+06		1.2E+06
Propylene Glycol Dinitrate	6423-43-4							2.7E-04	A	V		1		1.4E+09	2.0E+05	1.5E+03							5.7E+01	5.7E+01
Propylene Glycol Monoethyl Ether	1569-02-4					7.0E-01	H					1	0.1	1.4E+09							5.5E+04	2.0E+05		4.3E+04
Propylene Glycol Monomethyl Ether	107-98-2					7.0E-01	H	2.0E+00	I			1	0.1	1.4E+09							5.5E+04	2.0E+05	2.8E+09	4.3E+04
Propylene Oxide	75-56-9	2.4E-01	I	3.7E-06	I			3.0E-02	I	V		1		1.4E+09	1.0E+04	7.8E+04	2.7E+00		6.7E+00	1.9E+00			3.2E+02	3.2E+02
Pursuit	81335-77-5					2.5E-01	I					1	0.1	1.4E+09							2.0E+04	7.0E+04		1.5E+04
Pydrin	51630-58-1					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Pyridine	110-86-1					1.0E-03	I			V		1		1.4E+09	6.0E+04	5.3E+05					7.8E+01			7.8E+01
Quinalphos	13593-03-8					5.0E-04	I					1	0.1	1.4E+09							3.9E+01	1.4E+02		3.1E+01
Quinoline	91-22-5	3.0E+00	I									1	0.1	1.4E+09			2.1E-01	6.7E-01		1.6E-01				
Refractory Ceramic Fibers	NA							3.0E-02	A			1		1.4E+09									4.3E+07	4.3E+07
Resmethrin	10453-86-8					3.0E-02	I					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Ronnel	299-84-3					5.0E-02	H					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03
Rotenone	83-79-4					4.0E-03	I					1	0.1	1.4E+09							3.1E+02	1.1E+03		2.4E+02
Safrole	94-59-7	2.2E-01	C	6.3E-05	C							1	0.1	1.4E+09			2.9E+00	9.2E+00	5.3E+04	2.2E+00				
Savey	78587-05-0					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Selenious Acid	7783-00-8					5.0E-03	I					1		1.4E+09							3.9E+02			3.9E+02
Selenium	7782-49-2					5.0E-03	I	2.0E-02	C			1		1.4E+09							3.9E+02		2.8E+07	3.9E+02
Selenium Sulfide	7446-34-6					5.0E-03	C	2.0E-02	C			1		1.4E+09							3.9E+02		2.8E+07	3.9E+02
Sethoxydim	74051-80-2					9.0E-02	I					1	0.1	1.4E+09							7.0E+03	2.5E+04		5.5E+03
Silica (crystalline, respirable)	7631-86-9							3.0E-03	C					1.4E+09									4.3E+06	4.3E+06
Silver	7440-22-4					5.0E-03	I					0.04		1.4E+09							3.9E+02			3.9E+02
Simazine	122-34-9	1.2E-01	H			5.0E-03	I					1	0.1	1.4E+09			5.3E+00	1.7E+01		4.1E+00	3.9E+02	1.4E+03		3.1E+02
Sodium Acifluorfen	62476-59-9					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Sodium Azide	26628-22-8					4.0E-03	I					1		1.4E+09							3.1E+02			3.1E+02
Sodium Diethyldithiocarbamate	148-18-5	2.7E-01	H			3.0E-02	I					1	0.1	1.4E+09			2.4E+00	7.5E+00		1.8E+00	2.4E+03	8.4E+03		1.8E+03
Sodium Fluoride	7681-49-4					5.0E-02	A	1.3E-02	C			1		1.4E+09							3.9E+03		1.8E+07	3.9E+03

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Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
Analyte	CAS No.	SFO (mg/kg-day)$^{-1}$	key	IUR (ug/m^3)$^{-1}$	key	RfDo (mg/kg-day)	key	RfCi (mg/m^3)	key	voc	muta-gen	GIABS	ABS	PEF (m^3/kg)	VF (m^3/kg)	Csat (mg/kg)	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg	Ingestion mg/kg	Dermal mg/kg	Inhalation mg/kg	Total mg/kg
Sodium Fluoroacetate	62-74-8					2.0E-05	I					1	0.1	1.4E+09							1.6E+00	5.6E+00		1.2E+00
Sodium Metavanadate	13718-26-8					1.0E-03	H					1		1.4E+09							7.8E+01			7.8E+01
Sodium Perchlorate	7601-89-0					7.0E-04	I					1		1.4E+09							5.5E+01			5.5E+01
Stirofos (Tetrachlorovinphos)	961-11-5	2.4E-02	H			3.0E-02	I					1	0.1	1.4E+09			2.7E+01	8.4E+01		2.0E+01	2.4E+03	8.4E+03		1.8E+03
Strontium, Stable	7440-24-6					6.0E-01	I					1		1.4E+09							4.7E+04			4.7E+04
Strychnine	57-24-9					3.0E-04	I					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Styrene	100-42-5					2.0E-01	I	1.0E+00	I	V		1		1.4E+09	1.0E+04	8.7E+02					1.6E+04		1.1E+04	6.3E+03
Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					8.0E-04	P					1	0.1	1.4E+09							6.3E+01	2.2E+02		4.9E+01
Sulfuric Acid	7664-93-9							1.0E-03	C					1.4E+09									1.4E+06	1.4E+06
Systhane	88671-89-0					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
TCMTB	21564-17-0					3.0E-02	H					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Tebuthiuron	34014-18-1					7.0E-02	I					1	0.1	1.4E+09							5.5E+03	2.0E+04		4.3E+03
Temephos	3383-96-8					2.0E-02	H					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Terbacil	5902-51-2					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Terbufos	13071-79-9					2.5E-05	H					1	0.1	1.4E+09							2.0E+00	7.0E+00		1.5E+00
Terbutryn	886-50-0					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.0E-04	I							1.4E+09							7.8E+00			7.8E+00
Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.0E-04	I					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Tetrachloroethane, 1,1,1,2-	630-20-6	2.6E-02	I	7.4E-06	I	3.0E-02	I			V		1		1.4E+09	6.1E+03	6.8E+02	2.5E+01		2.0E+00	1.9E+00	2.4E+03			2.4E+03
Tetrachloroethane, 1,1,2,2-	79-34-5	2.0E-01	I	5.8E-05	I	4.0E-03	P			V		1		1.4E+09	1.6E+04	1.9E+03	3.2E+00		6.8E-01	5.6E-01	3.1E+02			3.1E+02
Tetrachloroethylene	127-18-4	5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V		1		1.4E+09	2.5E+03	1.7E+02	1.2E+00		1.0E+00	5.5E-01	7.8E+02		7.2E+02	3.7E+02
Tetrachlorophenol, 2,3,4,6-	58-90-2					3.0E-02	I					1	0.1	1.4E+09							2.4E+03	8.4E+03		1.8E+03
Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.0E+01	H									1	0.1	1.4E+09			3.2E-02	1.0E-01		2.4E-02				
Tetraethyl Dithiopyrophosphate	3689-24-5					5.0E-04	I					1	0.1	1.4E+09							3.9E+01	1.4E+02		3.1E+01
Tetrafluoroethane, 1,1,1,2-	811-97-2							8.0E+01	I	V		1		1.4E+09	1.3E+03	1.1E+03							1.1E+05	1.1E+05
Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.0E-03	P					1	0.1	1.4E+09							3.1E+02	1.1E+03		2.4E+02
Thallium (Soluble Salts)	7440-28-0											1		1.4E+09										
Thiobencarb	28249-77-6					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Thiodiglycol	111-48-8					7.0E-02	X					1	0.0075	1.4E+09							5.5E+03	2.6E+05		5.4E+03
Thiofanox	39196-18-4					3.0E-04	H					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Thiophanate, Methyl	23564-05-8					8.0E-02	I					1	0.1	1.4E+09							6.3E+03	2.2E+04		4.9E+03
Thiram	137-26-8					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Tin	7440-31-5					6.0E-01	H					1		1.4E+09							4.7E+04			4.7E+04
Titanium Tetrachloride	7550-45-0							1.0E-04	A			1		1.4E+09									1.4E+05	1.4E+05
Toluene	108-88-3					8.0E-02	I	5.0E+00	I	V		1		1.4E+09	4.6E+03	8.2E+02					6.3E+03		2.4E+04	5.0E+03
Toluidine, p-	106-49-0	1.9E-01	H									1	0.1	1.4E+09			3.4E+00	1.1E+01		2.6E+00				
Toxaphene	8001-35-2	1.1E+00	I	3.2E-04	I							1	0.1	1.4E+09			5.8E-01	1.8E+00	1.0E+04	4.4E-01				
Tralomethrin	66841-25-6					7.5E-03	I					1	0.1	1.4E+09							5.9E+02	2.1E+03		4.6E+02
Tri-n-butyltin	688-73-3					3.0E-04	A					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Triallate	2303-17-5					1.3E-02	I					1	0.1	1.4E+09							1.0E+03	3.6E+03		7.9E+02
Triasulfuron	82097-50-5					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Tribromobenzene, 1,2,4-	615-54-3					5.0E-03	I					1	0.1	1.4E+09							3.9E+02	1.4E+03		3.1E+02
Tributyl Phosphate	126-73-8	9.2E-03	P			2.0E-01	P					1	0.1	1.4E+09			6.9E+01	2.2E+02		5.3E+01	1.6E+04	5.6E+04		1.2E+04
Tributyltin Compounds	NA					3.0E-04	P					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Tributyltin Oxide	56-35-9					3.0E-04	I					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					3.0E+01	I	3.0E+01	H	V		1		1.4E+09	1.4E+03	9.1E+02					2.4E+06		4.3E+04	4.3E+04
Trichloroaniline HCl, 2,4,6-	33663-50-2	2.9E-02	H									1	0.1	1.4E+09			2.2E+01	7.0E+01		1.7E+01				
Trichloroaniline, 2,4,6-	634-93-5	3.4E-02	H									1	0.1	1.4E+09			1.9E+01	6.0E+01		1.4E+01				
Trichlorobenzene, 1,2,3-	87-61-6					8.0E-04	X			V		1	0.1	1.4E+09	3.5E+04	1.5E+02					6.3E+01	2.2E+02		4.9E+01
Trichlorobenzene, 1,2,4-	120-82-1	2.9E-02	P			1.0E-02	I	2.0E-03	P	V		1		1.4E+09	3.2E+04	4.0E+02	2.2E+01			2.2E+01	7.8E+02		6.7E+01	6.2E+01
Trichloroethane, 1,1,1-	71-55-6					2.0E+00	I	5.0E+00	I	V		1		1.4E+09	1.8E+03	6.4E+02					1.6E+05		9.3E+03	8.7E+03
Trichloroethane, 1,1,2-	79-00-5	5.7E-02	I	1.6E-05	I	4.0E-03	I			V		1		1.4E+09	7.8E+03	2.2E+03	1.1E+01		1.2E+00	1.1E+00	3.1E+02			3.1E+02
Trichloroethylene	79-01-6	5.9E-03	C	2.0E-06	C					V		1		1.4E+09	2.4E+03	6.9E+02	1.1E+02		2.9E+00	2.8E+00				
Trichlorofluoromethane	75-69-4					3.0E-01	I	7.0E-01	H	V		1		1.4E+09	1.1E+03	1.2E+03					2.4E+04		8.1E+02	7.9E+02
Trichlorophenol, 2,4,5-	95-95-4					1.0E-01	I					1	0.1	1.4E+09							7.8E+03	2.8E+04		6.1E+03

EPA Regional Screening Level (RSL) Resident Soil Supporting Table DECEMBER 2009

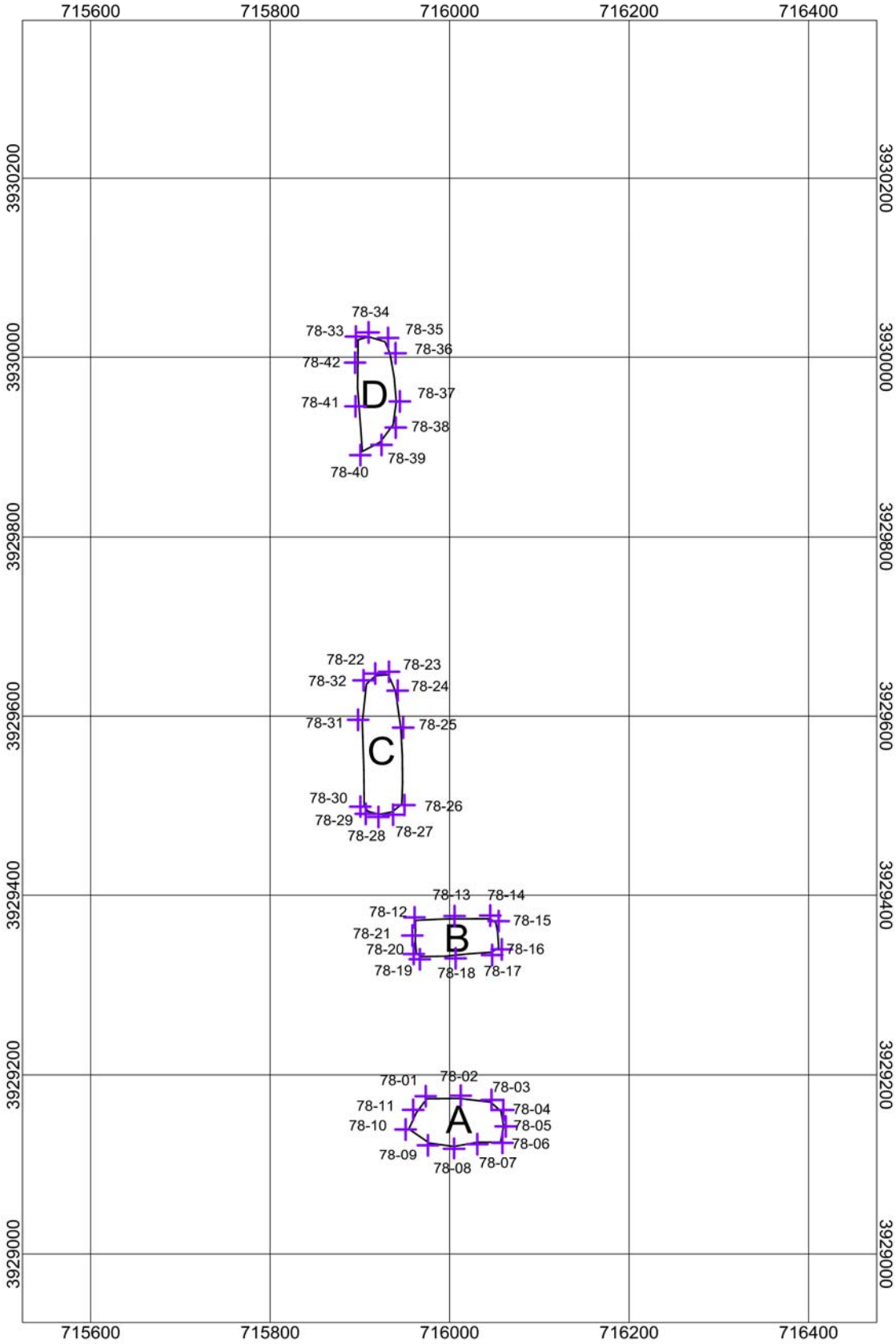
Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; nL = see user guide on lead; M = mutagen; V = volatile; F = See FAQ #29; c = cancer;
* = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User's Guide); s = Concentration may exceed Csat (See User's Guide); SSL values are based on DAF=1

Contaminant		Toxicity and Chemical-specific Information														Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
		SFO	key	IUR	key	RfDo	key	RfCi	key	voc	muta-			PEF	VF	Csat	Ingestion	Dermal	Inhalation	Total	Ingestion	Dermal	Inhalation	Total
Analyte	CAS No.	(mg/kg-day)$^{-1}$		(ug/m^3)$^{-1}$		(mg/kg-day)		(mg/m^3)			gen	GIABS	ABS	(m^3/kg)	(m^3/kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Trichlorophenol, 2,4,6-	88-06-2	1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1	1.4E+09			5.8E+01	1.8E+02	1.1E+06	4.4E+01	7.8E+01	2.8E+02		6.1E+01
Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.0E-02	I					1	0.1	1.4E+09							7.8E+02	2.8E+03		6.1E+02
Trichlorophenoxypropionic acid, -2,4,5	93-72-1					8.0E-03	I					1	0.1	1.4E+09							6.3E+02	2.2E+03		4.9E+02
Trichloropropane, 1,1,2-	598-77-6					5.0E-03	I			V		1		1.4E+09	1.6E+04	1.3E+03					3.9E+02			3.9E+02
Trichloropropane, 1,2,3-	96-18-4	3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1		1.4E+09	1.7E+04	1.4E+03	5.0E-03			5.0E-03	3.1E+02		5.3E+00	5.2E+00
Trichloropropene, 1,2,3-	96-19-5					3.0E-03	X	3.0E-04	P	V		1		1.4E+09	2.5E+03	4.5E+02					2.4E+02		7.9E-01	7.9E-01
Tridiphane	58138-08-2					3.0E-03	I					1	0.1	1.4E+09							2.4E+02	8.4E+02		1.8E+02
Triethylamine	121-44-8							7.0E-03	I	V		1		1.4E+09	1.7E+04	2.8E+04							1.2E+02	1.2E+02
Trifluralin	1582-09-8	7.7E-03	I			7.5E-03	I					1	0.1	1.4E+09			8.3E+01	2.6E+02		6.3E+01	5.9E+02	2.1E+03		4.6E+02
Trimethyl Phosphate	512-56-1	3.7E-02	H									1	0.1	1.4E+09			1.7E+01	5.5E+01		1.3E+01				
Trimethylbenzene, 1,2,4-	95-63-6							7.0E-03	P	V		1		1.4E+09	8.5E+03	2.2E+02							6.2E+01	6.2E+01
Trimethylbenzene, 1,3,5-	108-67-8					1.0E-02	X			V		1		1.4E+09	7.1E+03	1.8E+02					7.8E+02			7.8E+02
Trinitrobenzene, 1,3,5-	99-35-4					3.0E-02	I					1	0.019	1.4E+09							2.4E+03	4.4E+04		2.2E+03
Trinitrotoluene, 2,4,6-	118-96-7	3.0E-02	I			5.0E-04	I					1	0.032	1.4E+09			2.1E+01	2.1E+02		1.9E+01	3.9E+01	4.4E+02		3.6E+01
Triphenylphosphine Oxide	791-28-6					2.0E-02	P					1	0.1	1.4E+09							1.6E+03	5.6E+03		1.2E+03
Tris(2-chloroethyl)phosphate	115-96-8	2.0E-02	P			7.0E-03	P					1	0.1	1.4E+09			3.2E+01	1.0E+02		2.4E+01	5.5E+02	2.0E+03		4.3E+02
Tris(2-ethylhexyl)phosphate	78-42-2	3.2E-03	P			1.0E-01	P					1	0.1	1.4E+09			2.0E+02	6.3E+02		1.5E+02	7.8E+03	2.8E+04		6.1E+03
Uranium (Soluble Salts)	NA					3.0E-03	I	3.0E-04	A			1		1.4E+09							2.4E+02		4.3E+05	2.4E+02
Urethane	51-79-6	1.0E+00	C	2.9E-04	C									1.4E+09			6.4E-01		1.1E+04	6.4E-01				
Vanadium Pentoxide	1314-62-1			8.3E-03	P	9.0E-03	I	7.0E-06	P			0.026		1.4E+09					4.0E+02	4.0E+02	7.0E+02		9.9E+03	6.6E+02
Vanadium Sulfate	36907-42-3					2.0E-02	H					0.026		1.4E+09							1.6E+03			1.6E+03
Vanadium and Compounds	NA					5.0E-03	S					1		1.4E+09							3.9E+02			3.9E+02
Vanadium, Metallic	7440-62-2					7.0E-05	P					0.026		1.4E+09							5.5E+00			5.5E+00
Vernolate	1929-77-7					1.0E-03	I					1	0.1	1.4E+09							7.8E+01	2.8E+02		6.1E+01
Vinclozolin	50471-44-8					2.5E-02	I					1	0.1	1.4E+09							2.0E+03	7.0E+03		1.5E+03
Vinyl Acetate	108-05-4					1.0E+00	H	2.0E-01	I	V		1		1.4E+09	4.7E+03	2.8E+03					7.8E+04		9.9E+02	9.8E+02
Vinyl Bromide	593-60-2			3.2E-05	H			3.0E-03	I	V		1		1.4E+09	1.5E+03	3.4E+03			1.1E-01	1.1E-01			4.6E+00	4.6E+00
Vinyl Chloride	75-01-4	7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		1.4E+09	1.0E+03	3.9E+03	9.3E-02		1.7E-01	6.0E-02	2.4E+02		1.1E+02	7.4E+01
Warfarin	81-81-2					3.0E-04	I					1	0.1	1.4E+09							2.4E+01	8.4E+01		1.8E+01
Xylene, Mixture	1330-20-7					2.0E-01	I	1.0E-01	I	V		1		1.4E+09	6.3E+03	2.6E+02					1.6E+04		6.5E+02	6.3E+02
Xylene, P-	106-42-3					2.0E-01	I	7.0E-01	C	V		1		1.4E+09	6.0E+03	3.9E+02					1.6E+04		4.4E+03	3.4E+03
Xylene, m-	108-38-3					2.0E-01	I	7.0E-01	C	V		1		1.4E+09	5.9E+03	3.9E+02					1.6E+04		4.3E+03	3.4E+03
Xylene, o-	95-47-6					2.0E-01	I	7.0E-01	C	V		1		1.4E+09	7.0E+03	4.3E+02					1.6E+04		5.1E+03	3.8E+03
Zinc (Metallic)	7440-66-6					3.0E-01	I					1		1.4E+09							2.4E+04			2.4E+04
Zinc Phosphide	1314-84-7					3.0E-04	I					1		1.4E+09							2.4E+01			2.4E+01
Zineb	12122-67-7					5.0E-02	I					1	0.1	1.4E+09							3.9E+03	1.4E+04		3.1E+03

Appendix J
Survey Data

COORDINATES OF ALL SURVEYED POINTS ARE METRIC UTM-12 GRID VALUES BASED ON PUBLISHED COORDINATES OF NGS CONTROL STATIONS “ERIC”, “TS 674” AND “I40 113A”. GPS/RTK SURVEY WAS LOCALIZED INTO THESE CONTROL STATIONS.

ELEVATIONS OF ALL SURVEYED POINTS ARE NAVD88 DATUM VALUES BASED ON PUBLISHED ELEVATION OF NGS BENCHMARK “K 429”, ELEVATION = 2,042.974 METERS. ELEVATIONS OF ALL SURVEYED POINTS WERE DETERMINED USING GPS/RTK SURVEY METHODS AND GEOID2003 MODEL.



78-01 Boundary stake to be emplaced (with ID)

AOC 78 - Boundary Stakes

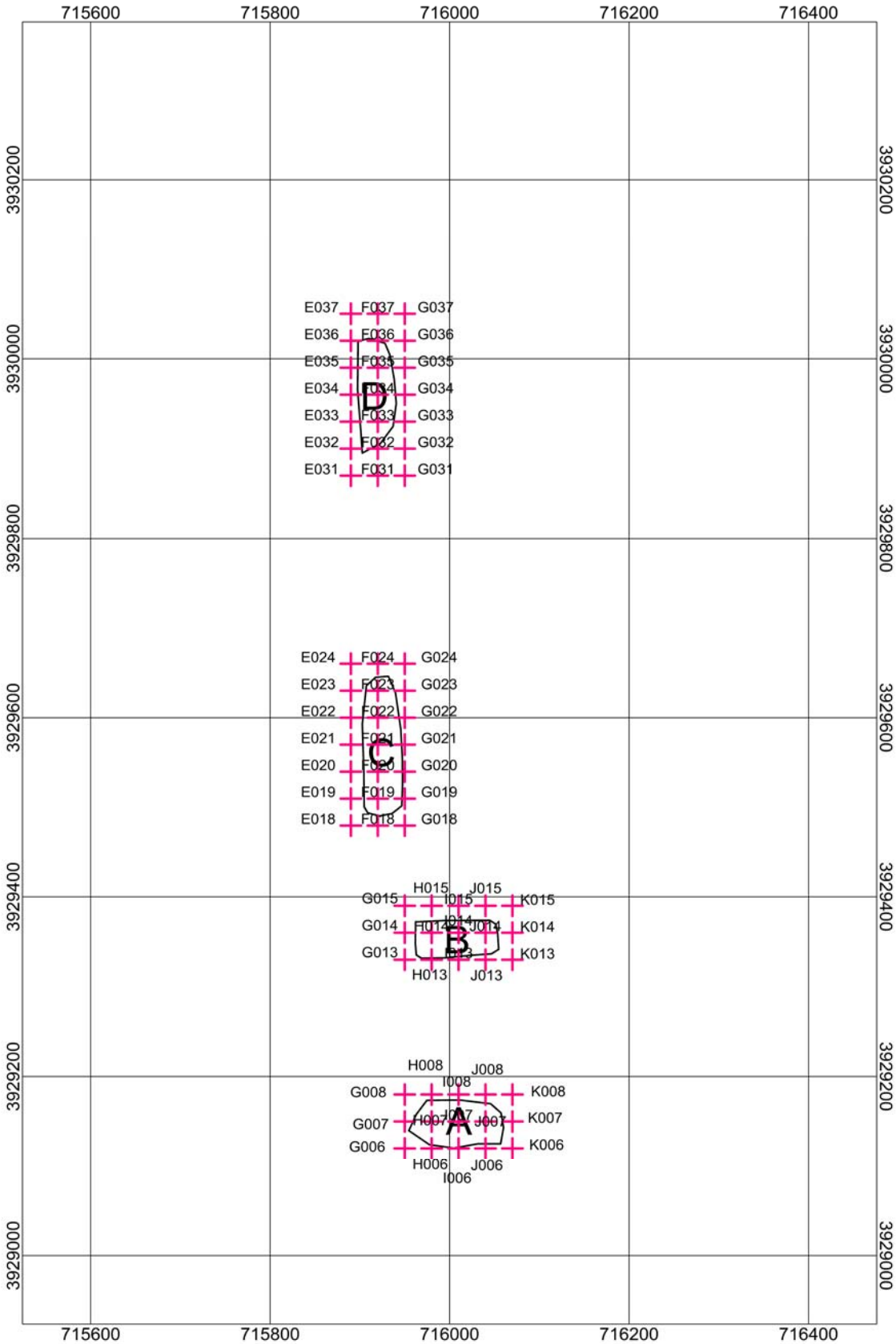
Fort Wingate

Gallup, New Mexico

100 0 100 200

(meters)

NAD83 / UTM zone 12N



G008 Grid stake to be emplaced (with ID)

AOC 78 - Grid Stakes

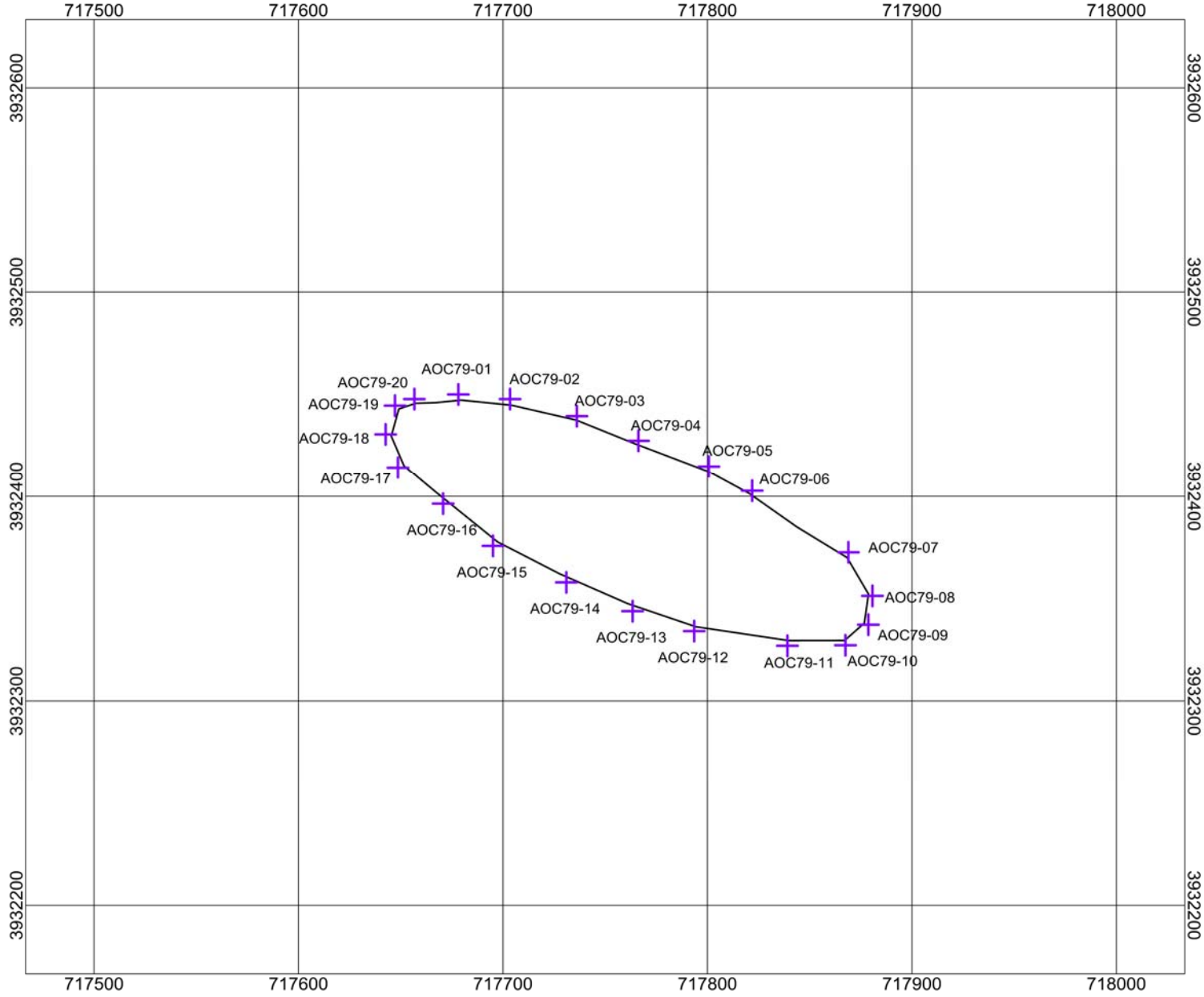
Fort Wingate

Gallup, New Mexico

100 0 100 200

(meters)

NAD83 / UTM zone 12N



AOC79-03

Boundary stake to be emplaced (with ID)

AOC 79 - Boundary Points

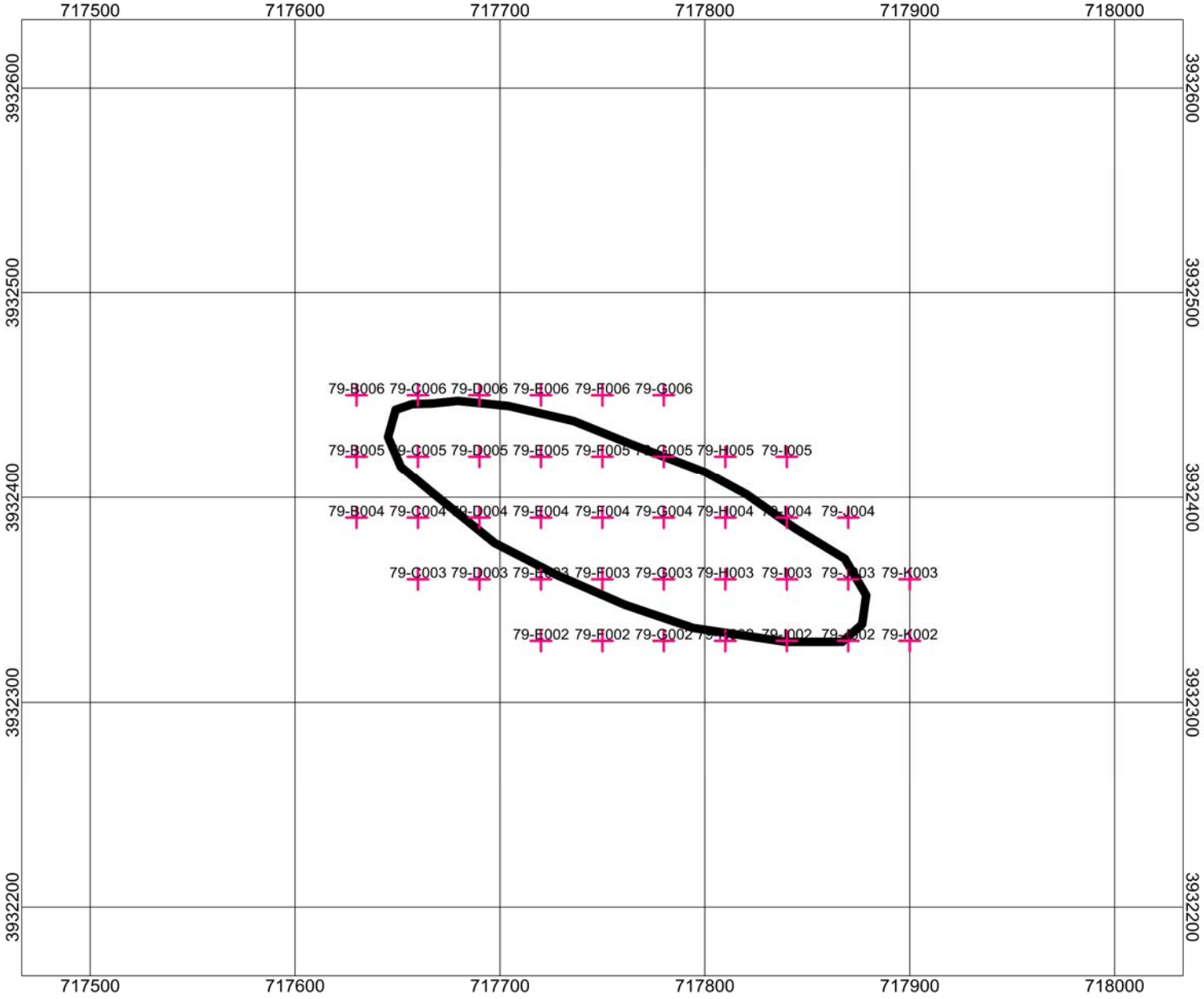
Fort Wingate

Gallup, New Mexico

50 0 50 100

(meters)

NAD83 / UTM zone 12N



79-C003
Grid stake to be emplaced (with ID)

50 0 50 100
(meters)
NAD83 / UTM zone 12N

AOC 79 - Grid Stakes
Fort Wingate
Gallup, New Mexico

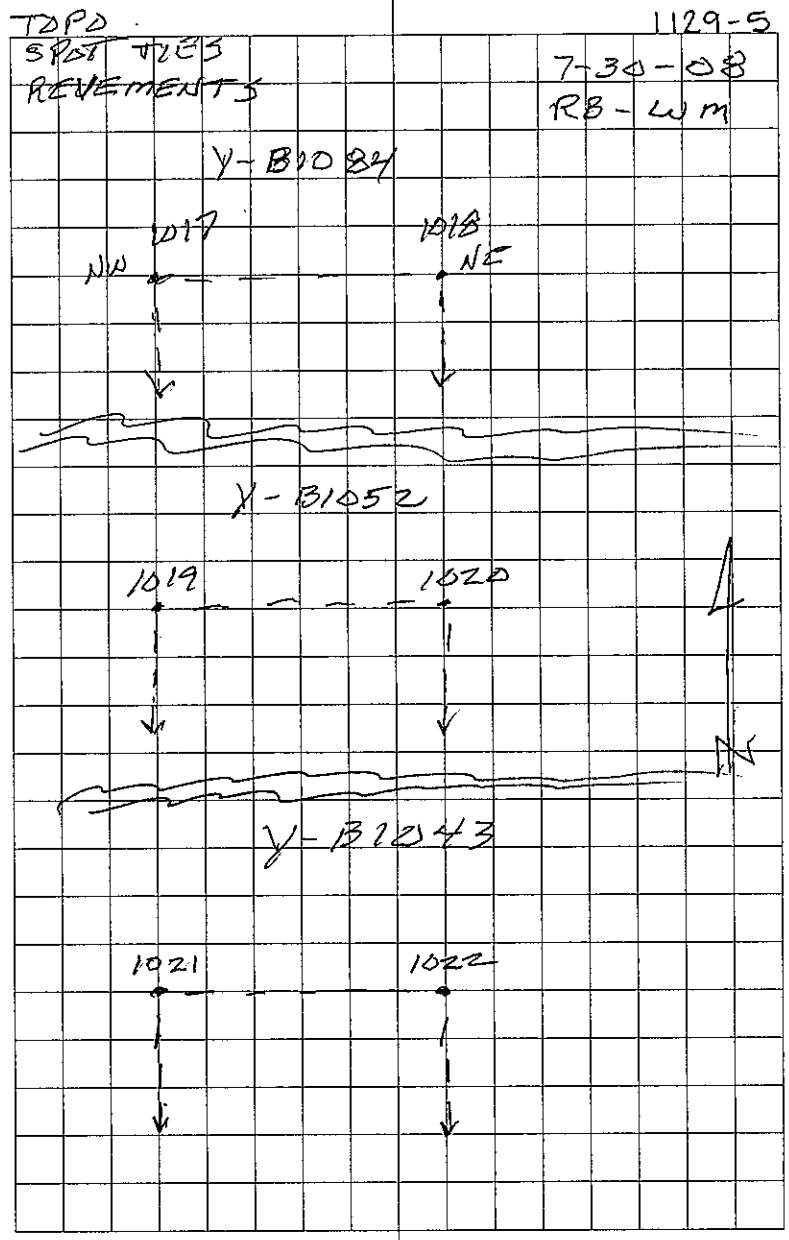
JOB#28038

BASE @ CP-3 (1008)
HI = 4.61
PND = 1017 → 1056

CP-1007 N = 0.02 E = 0.02 El = -3.23

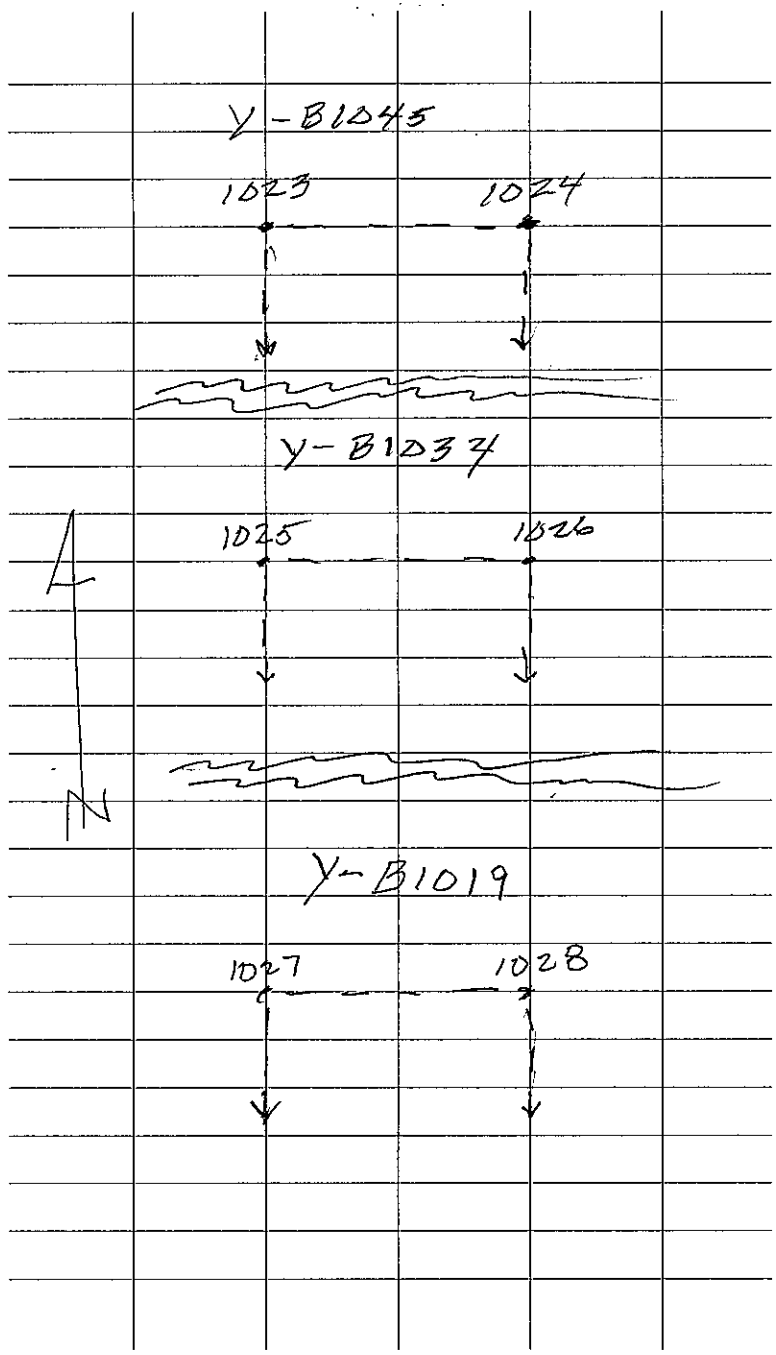
TOPO
SPOT TREES
REQUIREMENTS

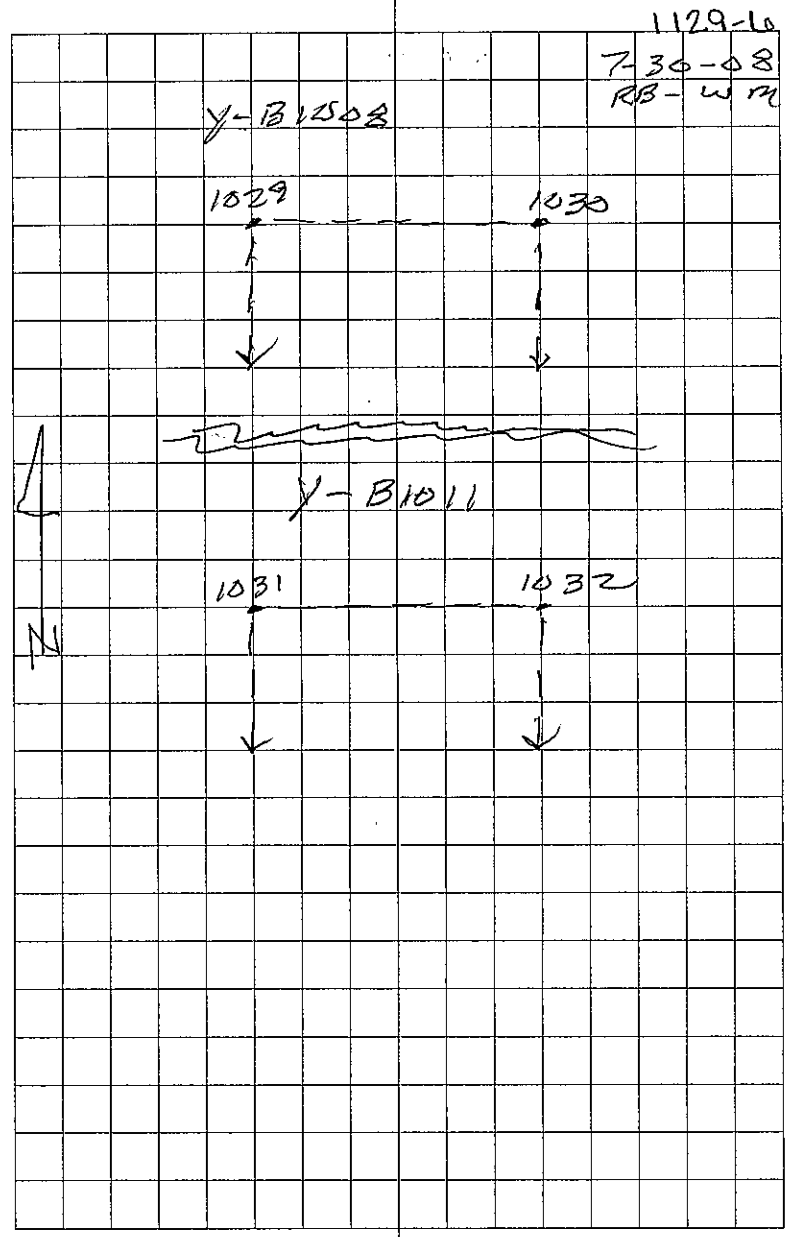
1129-5
7-30-08
RB-WM



JOB# 28038

1129-6
7-30-08
RB - WM





AOC = AREA OF CONCERN

SHOTS @ PIN FLAGS

AOC-80-03

1033 1034

1034

AOC-80-02

1035 1036

AOC-80-01

1037 1038

JOB# 28038

1129-7

7-30-08

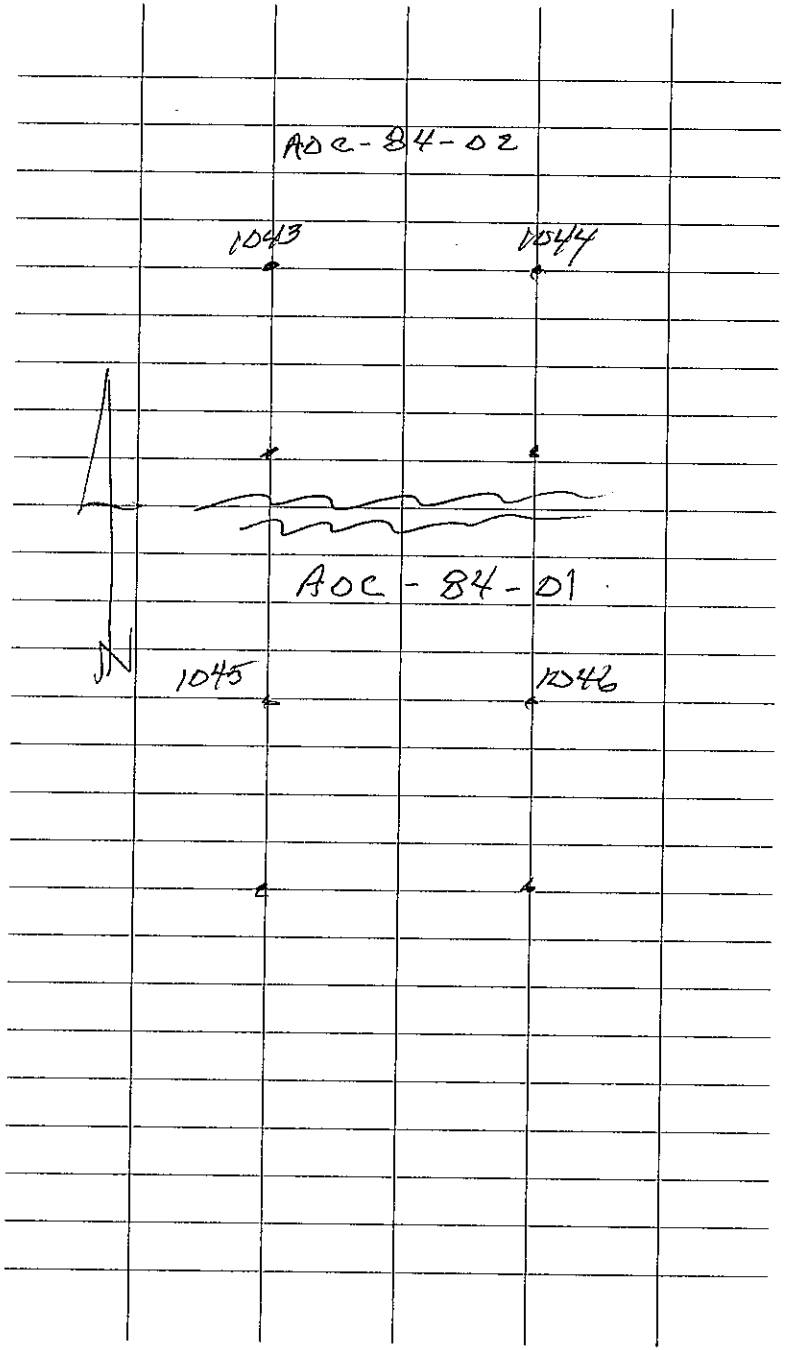
RB - WM

AOC-81

1039 1040

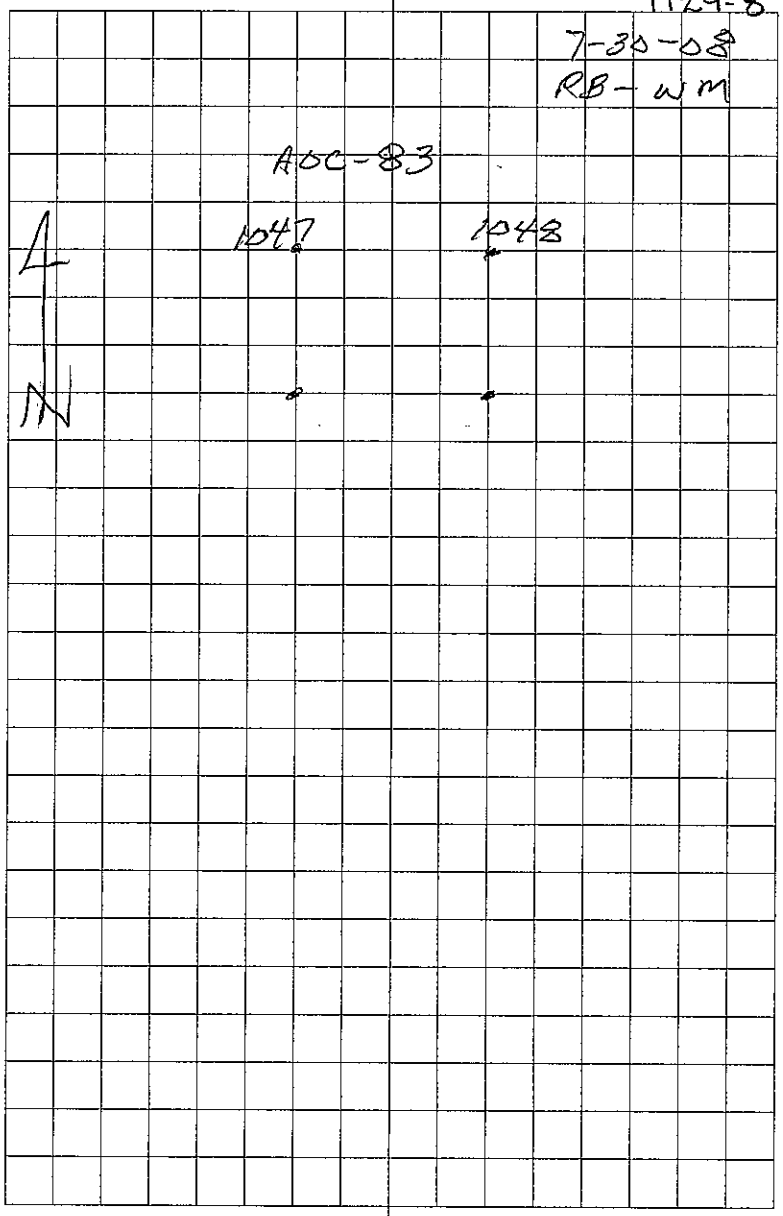
AOC-84-03

1041 1042



JOB # 28038

1129-8
7-30-08
RB-WM



JOB# 28038

1129-9

7-30-08

RB - WM

TRAN - 04

1049 1050

TRANS PAD

TRANS - 03

1051 1052

TRANS. ON PP

TRANS - 01

1053 1054

TRANS ON PP

TRANS - 02

1055 1056

TRANS. ON PP

CP-50=N = 0.02 E= 0.01 EL= - 0.49

Appendix K - Survey Data

Site ID	Easting	Northing	Elevation
BasePoint	716274.4942	3926571.857	N/A
78-01	715973.3637	3929176.383	N/A
78-02	716012.3602	3929176.87	N/A
78-03	716046.7259	3929172.24	N/A
78-04	716059.8873	3929161.028	N/A
78-05	716062.5683	3929142.749	N/A
78-06	716058.9123	3929124.469	N/A
78-07	716030.8836	3929123.007	N/A
78-08	716005.0484	3929117.888	N/A
78-09	715975.801	3929121.788	N/A
78-10	715950.9407	3929139.336	N/A
78-11	715959.4712	3929161.272	N/A
78-12	715960.9336	3929375.265	N/A
78-13	716005.5359	3929376.728	N/A
78-14	716045.2636	3929377.215	N/A
78-15	716054.769	3929371.122	N/A
78-16	716058.1812	3929339.681	N/A
78-17	716047.4571	3929333.344	N/A
78-18	716006.7545	3929329.688	N/A
78-19	715966.7831	3929328.713	N/A
78-20	715959.9587	3929334.563	N/A
78-21	715958.4963	3929355.036	N/A
78-22	715917.0625	3929647.266	N/A
78-23	715932.4174	3929649.216	N/A
78-24	715942.1665	3929628.255	N/A
78-25	715948.2597	3929587.065	N/A
78-26	715949.7221	3929501.029	N/A
78-27	715937.0482	3929490.305	N/A
78-28	715920.7184	3929487.868	N/A
78-29	715906.5822	3929491.28	N/A
78-30	715900.489	3929499.323	N/A
78-31	715898.0517	3929595.839	N/A
78-32	715904.1449	3929639.71	N/A
78-33	715895.6144	3930022.851	N/A
78-34	715909.7506	3930027.482	N/A
78-35	715931.4425	3930021.389	N/A
78-36	715939.7292	3930004.328	N/A
78-37	715944.6038	3929950.708	N/A
78-38	715939.973	3929921.704	N/A
78-39	715924.1306	3929902.45	N/A
78-40	715900.489	3929890.994	N/A
78-41	715895.127	3929945.346	N/A
78-42	715894.6395	3929993.848	N/A
G007	715950	3929150	N/A
G006	715950	3929120	N/A
G008	715950	3929180	N/A
H007	715980	3929150	N/A
H008	715980	3929180	N/A
H006	715980	3929120	N/A

Site ID	Easting	Northing	Elevation
I007	716010	3929150	N/A
I006	716010	3929120	N/A
I008	716010	3929180	N/A
J008	716040	3929180	N/A
J007	716040	3929150	N/A
J006	716040	3929120	N/A
K008	716070	3929180	N/A
K006	716070	3929120	N/A
K007	716070	3929150	N/A
G015	715950	3929390	N/A
G013	715950	3929330	N/A
G014	715950	3929360	N/A
H015	715980	3929390	N/A
H013	715980	3929330	N/A
H014	715980	3929360	N/A
I013	716010	3929330	N/A
I015	716010	3929390	N/A
I014	716010	3929360	N/A
J014	716040	3929360	N/A
J013	716040	3929330	N/A
J015	716040	3929390	N/A
K013	716070	3929330	N/A
K015	716070	3929390	N/A
K014	716070	3929360	N/A
G020	715950	3929540	N/A
G024	715950	3929660	N/A
G021	715950	3929570	N/A
G022	715950	3929600	N/A
G019	715950	3929510	N/A
G018	715950	3929480	N/A
G023	715950	3929630	N/A
F023	715920	3929630	N/A
F024	715920	3929660	N/A
F021	715920	3929570	N/A
F020	715920	3929540	N/A
F019	715920	3929510	N/A
F018	715920	3929480	N/A
F022	715920	3929600	N/A
E018	715890	3929480	N/A
E020	715890	3929540	N/A
E021	715890	3929570	N/A
E022	715890	3929600	N/A
E023	715890	3929630	N/A
E024	715890	3929660	N/A
E019	715890	3929510	N/A
G031	715950	3929870	N/A
G037	715950	3930050	N/A
G035	715950	3929990	N/A
G034	715950	3929960	N/A
G033	715950	3929930	N/A
G032	715950	3929900	N/A

Site ID	Easting	Northing	Elevation
G036	715950	3930020	N/A
F033	715920	3929930	N/A
F031	715920	3929870	N/A
F032	715920	3929900	N/A
F037	715920	3930050	N/A
F036	715920	3930020	N/A
F035	715920	3929990	N/A
F034	715920	3929960	N/A
E037	715890	3930050	N/A
E034	715890	3929960	N/A
E033	715890	3929930	N/A
E035	715890	3929990	N/A
E036	715890	3930020	N/A
E032	715890	3929900	N/A
E031	715890	3929870	N/A
AOC79-01	717678.2059	3932450.007	N/A
AOC79-02	717703.4463	3932447.713	N/A
AOC79-03	717736.1442	3932439.395	N/A
AOC79-04	717766.2607	3932427.348	N/A
AOC79-05	717800.6795	3932414.728	N/A
AOC79-06	717821.9044	3932402.681	N/A
AOC79-07	717868.9435	3932372.565	N/A
AOC79-08	717880.7032	3932351.34	N/A
AOC79-09	717878.6955	3932337.285	N/A
AOC79-10	717867.5094	3932327.247	N/A
AOC79-11	717839.1138	3932326.96	N/A
AOC79-12	717793.5089	3932334.13	N/A
AOC79-13	717763.3924	3932343.882	N/A
AOC79-14	717730.9814	3932357.937	N/A
AOC79-15	717695.1285	3932375.72	N/A
AOC79-16	717670.7485	3932396.371	N/A
AOC79-17	717648.6631	3932414.154	N/A
AOC79-18	717642.6398	3932430.503	N/A
AOC79-19	717647.229	3932444.557	N/A
AOC79-20	717656.6941	3932447.713	N/A
79-B005	717630	3932420	N/A
79-B004	717630	3932390	N/A
79-B006	717630	3932450	N/A
79-C005	717660	3932420	N/A
79-C004	717660	3932390	N/A
79-C006	717660	3932450	N/A
79-C003	717660	3932360	N/A
79-D006	717690	3932450	N/A
79-D004	717690	3932390	N/A
79-D005	717690	3932420	N/A
79-D003	717690	3932360	N/A
79-E006	717720	3932450	N/A
79-E002	717720	3932330	N/A
79-E004	717720	3932390	N/A
79-E005	717720	3932420	N/A
79-E003	717720	3932360	N/A

Site ID	Easting	Northing	Elevation
79-F006	717750	3932450	N/A
79-F002	717750	3932330	N/A
79-F003	717750	3932360	N/A
79-F004	717750	3932390	N/A
79-F005	717750	3932420	N/A
79-G006	717780	3932450	N/A
79-G003	717780	3932360	N/A
79-G002	717780	3932330	N/A
79-G005	717780	3932420	N/A
79-G004	717780	3932390	N/A
79-H002	717810	3932330	N/A
79-H003	717810	3932360	N/A
79-H004	717810	3932390	N/A
79-H005	717810	3932420	N/A
79-I003	717840	3932360	N/A
79-I005	717840	3932420	N/A
79-I004	717840	3932390	N/A
79-I002	717840	3932330	N/A
79-J004	717870	3932390	N/A
79-J003	717870	3932360	N/A
79-J002	717870	3932330	N/A
79-K003	717900	3932360	N/A
79-K002	717900	3932330	N/A
QC-1	715960.974	3929139.098	2081.834
QC-2	715998.12	3929360.793	2036.065
QC-3	715927.701	3929513.827	2035.598
QC-4	715921.89	3929934.438	2035.216
QC-5	717832.883	3932341.891	2034.998
QC-6	717816.545	3932379.133	2034.642
QC-7	717770.239	3932401.372	2077.793
QC-8	717726.962	3932413.234	2074.251
QC-9	717681.984	3932437.1	2064.932
NGS "ERIC"	719462.7993	3932256.496	2073.44
NGS BM "K 429"	720733.378	3933373.394	2040.11
NGS "TS 674"	719467.199	3932282.112	2073.782
NGS "I40 113A"	714914.751	3932893.249	2088.42
Y-B1084 NW	716392.5912	3930535.681	2058.6
Y-B1084 NE	716403.5717	3930540.034	2058.73
Y-B1052 NW	717269.8427	3931170.102	2041.32
Y-B1052 NE	717279.3397	3931173.093	2041.37
Y-B1043 NW	716793.2403	3931127.584	2041.54
Y-B1043 NE	716804.094	3931132.026	2041.46
Y-B1045 NW	716548.864	3931032.533	2044.35
Y-B1045 NE	716559.6137	3931037.375	2044.04
Y-B1034 NW	716292.2996	3931148.025	2046.6
Y-B1034 NE	716303.156	3931153.176	2046.29
Y-B1019 NW	716791.7593	3931491.526	2040.31
Y-B1019 NE	716803.179	3931495.256	2040.04
Y-B1008 NW	716925.1724	3931685.833	2037.78
Y-B1008 NE	716936.3924	3931691.432	2037.56
Y-B1011 NW	716559.9112	3931542.834	2041.54

Site ID	Easting	Northing	Elevation
Y-B1011 NE	716571.0404	3931547.837	2041.5
AOC-80-03 NW	716715.9944	3931917.117	2039.53
AOC-80-03 SW	716712.8681	3931855.089	2039.62
AOC-80-02 NW	716809.0189	3932085.072	2037.53
AOC-80-02 NE	716868.6913	3932095.17	2037.1
AOC-80-01 NW	716937.4921	3931984.572	2037.35
AOC-80-01 NE	716997.9929	3931992.269	2036.95
AOC-81 NW	717410.2311	3931935.082	2036.39
AOC-81 NE	717507.6384	3932001.169	2036.91
AOC-84-03 NW	717492.6565	3931832.935	2035.94
AOC-84-03 NE	717553.9407	3931834.965	2036.25
AOC-84-02 NW	717643.0823	3931790.487	2036.52
AOC-84-02 NE	717703.805	3931784.874	2036.86
AOC-84-01 NW	717759.7207	3931823.133	2037.39
AOC-84-01 NE	717824.4204	3931820.337	2038.13
AOC-83 NW	717943.9934	3931815.651	2039.79
AOC-83 NE	717987.9688	3931822.256	2040.34
TRANS-04 NW	718337.9025	3931598.609	2055.16
TRANS-04 NE	718339.9004	3931597.017	2055.22
TRANS-03 NW	718415.9662	3932162.116	2044.64
TRANS-03 NE	718416.808	3932161.739	2044.61
TRANS-01 NW	718557.4089	3932535.287	2041.34
TRANS-01 NE	718558.2617	3932534.916	2041.29
TRANS-02 NW	718597.9407	3932690.685	2040.29
TRANS-02 NE	718598.429	3932690.376	2040.31

Notes:
All horizontal coordinates in NAD83 UTM Zone 12N, meters
All available vertical data in NAVD88, meters
N/A - not surveyed

1017	3930535.681	716392.5912	2058.6	Y-B1084 NW
1018	3930540.034	716403.5717	2058.73	Y-B1084 NE
1019	3931170.102	717269.8427	2041.32	Y-B1052 NW
1020	3931173.093	717279.3397	2041.37	Y-B1052 NE
1021	3931127.584	716793.2403	2041.54	Y-B1043 NW
1022	3931132.026	716804.094	2041.46	Y-B1043 NE
1023	3931032.533	716548.864	2044.35	Y-B1045 NW
1024	3931037.375	716559.6137	2044.04	Y-B1045 NE
1025	3931148.025	716292.2996	2046.6	Y-B1034 NW
1026	3931153.176	716303.156	2046.29	Y-B1034 NE
1027	3931491.526	716791.7593	2040.31	Y-B1019 NW
1028	3931495.256	716803.179	2040.04	Y-B1019 NE
1029	3931685.833	716925.1724	2037.78	Y-B1008 NW
1030	3931691.432	716936.3924	2037.56	Y-B1008 NE
1031	3931542.834	716559.9112	2041.54	Y-B1011 NW
1032	3931547.837	716571.0404	2041.5	Y-B1011 NE
1033	3931917.117	716715.9944	2039.53	AOC-80-03 NW
1034	3931855.089	716712.8681	2039.62	AOC-80-03 SW
1035	3932085.072	716809.0189	2037.53	AOC-80-02 NW
1036	3932095.17	716868.6913	2037.1	AOC-80-02 NE
1037	3931984.572	716937.4921	2037.35	AOC-80-01 NW
1038	3931992.269	716997.9929	2036.95	AOC-80-01 NE
1039	3931935.082	717410.2311	2036.39	AOC-81 NW
1040	3932001.169	717507.6384	2036.91	AOC-81 NE
1041	3931832.935	717492.6565	2035.94	AOC-84-03 NW
1042	3931834.965	717553.9407	2036.25	AOC-84-03 NE
1043	3931790.487	717643.0823	2036.52	AOC-84-02 NW
1044	3931784.874	717703.805	2036.86	AOC-84-02 NE
1045	3931823.133	717759.7207	2037.39	AOC-84-01 NW
1046	3931820.337	717824.4204	2038.13	AOC-84-01 NE
1047	3931815.651	717943.9934	2039.79	AOC-83 NW
1048	3931822.256	717987.9688	2040.34	AOC-83 NE
1049	3931598.609	718337.9025	2055.16	TRANS-04 NW
1050	3931597.017	718339.9004	2055.22	TRANS-04 NE
1051	3932162.116	718415.9662	2044.64	TRANS-03 NW
1052	3932161.739	718416.808	2044.61	TRANS-03 NE
1053	3932535.287	718557.4089	2041.34	TRANS-01 NW
1054	3932534.916	718558.2617	2041.29	TRANS-01 NE
1055	3932690.685	718597.9407	2040.29	TRANS-02 NW
1056	3932690.376	718598.429	2040.31	TRANS-02 NE

Appendix K
Geophysical Prove-Out Report

Final

Geophysical Prove-Out Report

Parcel 6
Fort Wingate Depot Activity, New Mexico

Contract No. GS-10F-0029M
Contract Task Order No. W9126G-08-F-0070

Prepared for

U.S. Army Corps of Engineers
Fort Worth District

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September 2008

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Appendix

A Quality Control Documentation

Acronyms and Abbreviations

AOC	Aea of Concern
cm	centimeter
DGM	digital geophysical mapping
DGPS	Differential Global Positioning System
DQO	Data Quality Objective
EM	electromagnetic
ft	foot or feet
FWDA	Fort Wingate Depot Activity
GPO	Geophysical Prove-Out
GPS	Global Positioning System
ID	identification
m	meter
MEC	munitions and explosives of concern
MR	Munitions Response
MRSIMS	Munitions Response Site Information Management System
mv	millivolt
NAEVA	NAEVA Geophysics, Inc.
QC	quality control
RTK	real-time kinematic
TDEM	time domain electromagnetic
UTM	Universal Transverse Mercator

1.0 Introduction

This Geophysical Prove-Out (GPO) Report documents the GPO activities performed between July 8 and 9, 2008 as part of the process for validating the digital geophysical mapping (DGM) systems to be utilized during DGM surveys at Parcel 6, Fort Wingate Depot Activity (FWDA), New Mexico.

2.0 Geophysical Prove-Out Report Objective

The purpose of the GPO was to demonstrate and document that the survey system is an integrated system operating within industry standards and was capable of meeting project data quality objectives (DQOs). For the purposes of this work, a system was considered to include the survey platform, sensors, navigation equipment, data analysis and management, and associated equipment and personnel. Several industry standard geophysical instruments are capable of performing the DGM survey under the existing site conditions. Therefore, there was not need to test multiple systems, but rather prove that the system selected for the work was functioning appropriately to detect munitions items in accordance with industry standards. Although munitions items were not anticipated to be present within the project survey areas, because the site is a former military base it was considered prudent to use equipment capable of detecting munitions items.

3.0 Equipment

The DGM system selected for performing the site surveys was the Geonics EM61-MK2 time domain electromagnetic (TDEM) metal detector linked to a real-time kinematic (RTK) global positioning system (GPS). Based on the results of the GPO conducted as part of another Munitions Response (MR) project at FWDA, electromagnetic (EM) technology generally, and the Geonics EM61-MK2 instrument specifically, has been demonstrated to be an effective technology to detect and locate metallic anomalies at the site. (USACE, 2008).

Geonics EM61-MK2

Time-domain electromagnetic (TDEM) metal detectors are designed to detect shallow ferrous and non-ferrous metallic objects with very good spatial resolution and with minimal interference from adjacent metallic features. An EM transmitter generates a pulsed primary magnetic field in the earth, which induces eddy currents in nearby metallic objects. The eddy current decay produces a secondary magnetic field measured by the receiver coil of the instrument. By taking the measurement at relatively long times after the start of the decay, the current induced in the ground has fully dissipated and only the current in the metal is still producing a secondary field.

The EM61-MK2 is a high-resolution time-domain electromagnetic instrument designed to detect, with high spatial resolution, shallow ferrous and non-ferrous metallic objects. The standard EM61-MK2 system consists of two air-cored, 1-meter-by-0.5-meter coils, a digital data recorder, batteries, and processing electronics. The EM61-MK2's transmitter generates a pulsed primary magnetic field, which then induces eddy currents in nearby metallic objects. Each of the two spatially separated receiver coils measures these eddy currents. The EM61-MK2 offers the ability to measure the eddy currents at three distinct time intervals in the bottom coil or four intervals if no top coil measurements are recorded. Earlier time gates provide enhanced detection of smaller metallic objects. Secondary voltages induced in both coils are measured in millivolts (mV). The arrangement of coils is such that there is a vertical separation of 40 centimeters (cm). Assuming accurate data positioning, target resolution of approximately 0.5 m can be expected.

Figure 1. EM61-MK2 system tested

Global Positioning System

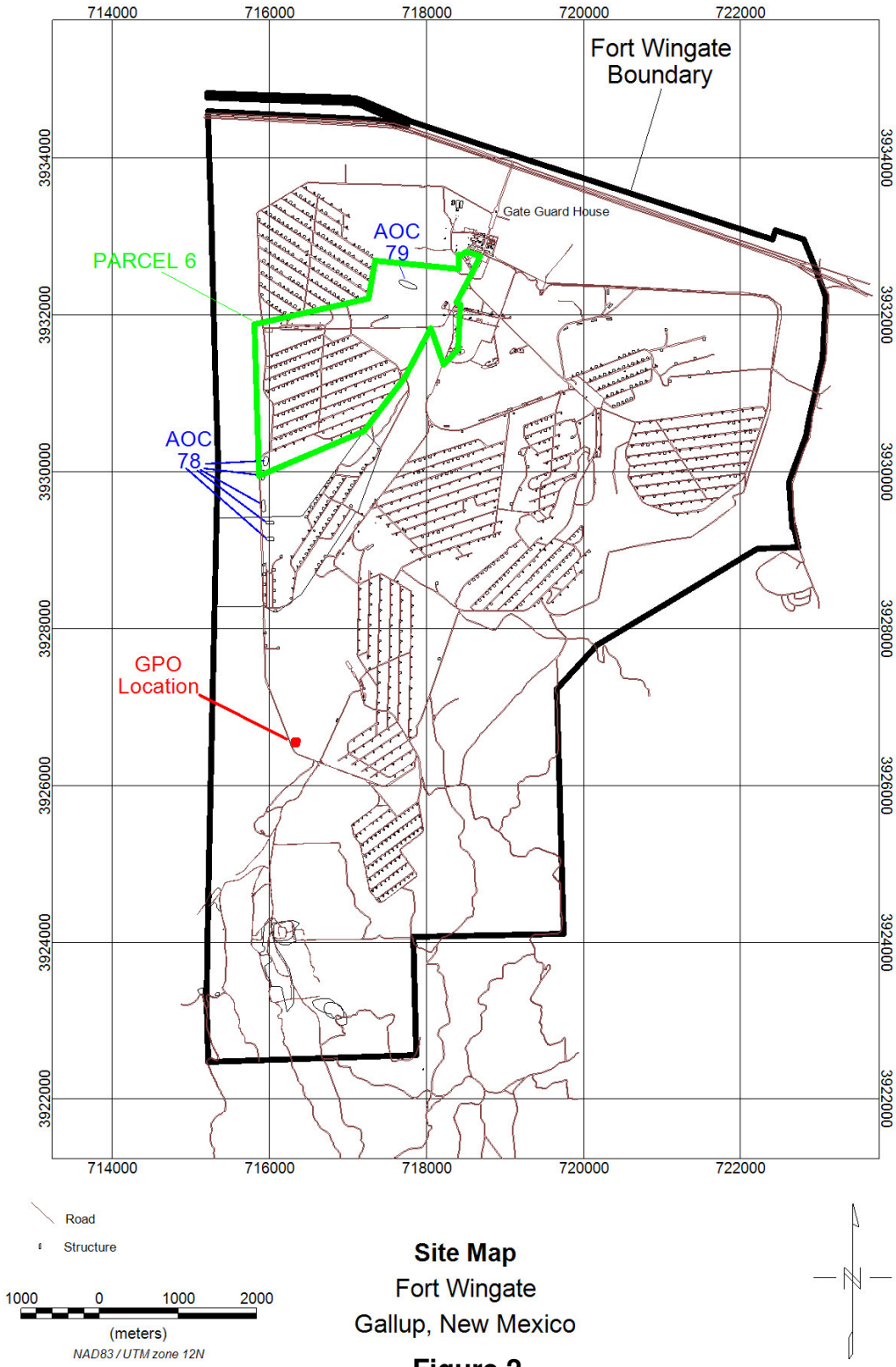
Global positioning system (GPS) satellites orbit the earth transmitting a signal which can be detected with a GPS receiver. The GPS receiver uses the known locations of the satellites and the time of signal transmittal to calculate its position. Differential GPS (DGPS) increases the accuracy of GPS readings through the use of two receivers: a stationary receiver that acts as a base station and collects data at a known location and a second roving receiver that makes the position measurements. The base stations can be configured to either transmit the correction data to the rover system or to save the data to be used to correct positional data during post-processing. Real-time kinematic (RTK) DGPS instruments are ideal for field-mapping applications when satellite visibility conditions are adequate as they provide the highest GPS accuracy possible (sub-centimeter accuracy). Typical accuracies of geophysical data positioning after adding errors induced by the DGM system operation are in the range of 20 to 50 cm.

4.0 Procedures

This section presents a summary of the procedures followed during the GPO.

4.1 Geophysical Prove-Out Report Plot

A GPO plot was previously established at the FWDA site and was used for the current project. The location of the existing GPO plot is shown on Figure 2.



Site Map
Fort Wingate
Gallup, New Mexico

Figure 2

Geophysical Prove-Out Location
Fort Wingate Depot Activity, New Mexico

4.2.1 Geophysical Prove-Out Report Seed Items

Seed items were emplaced in the GPO plot by a previous contractor. The seed information was provided to the CH2M HILL Quality Control Geophysicist by the USACE Project Geophysicist for the purpose of analyzing the data collected and processed by the DGM subcontractor, NAEVA Geophysics, Inc. (NAEVA). The seed information was not provided to NAEVA. Table 1 presents the seed items information. Figure 3 is an as-built of the plot showing the locations of all of the seed items.

Table 1 GPO Seed Items Information								
Seed ID	**Corps ID**	**X (Easting)**	**Y (Northing)**	**Item Description**	**Depth (in)**	**Depth (ft)**	**Azimuth**	**Orientation**
W-1	A	716353.4	3926574.9	20mm projectile	2	0.2	90	60
W-2	B	716353.4	3926572.3	37mm projectile	12	1.0	0	45
W-3a	C	716355.3	3926569.2	75mm-Scrap MD	16	1.3	180	60
W-3b	C	716355.3	3926569.1	75mm-Scrap MD (Center Point)	16	1.3	180	60
W-3c	C	716355.3	3926569	75mm-Scrap MD	16	1.3	180	60
W-4	D	716348.8	3926568.4	37mm projectile	16	1.3	135	30
W-5	E	716351.4	3926566.2	75mm projectile	12	1.0	0	-90
W-6	F	716348	3926564.6	20mm projectile	6	0.5	60	0
W-7	G	716353.4	3926560.4	MD Piece of Base	20	1.7	45	45
W-8a	H	716350.8	3926556.5	75mm projectile	16	1.3	0	60
W-8b	H	716350.8	3926556.4	75mm projectile (Center Point)	16	1.3	0	60
W-8c	H	716350.8	3926556.3	75mm projectile	16	1.3	0	60
W-9	I	716350.3	3926553.6	37mm projectile	17	1.4	0	90
W-10	K	716355.3	3926550.8	MD Base of 155	12	1.0	0	30
W-11	L	716345	3926549.7	20mm projectile	12	1.0	0	90
W-12	M	716343	3926554.1	37mm projectile	14	1.2	270	0
W-13a	N	716347.8	3926560.5	75mm projectile	8	0.7	300	30
W-13b	N	716347.9	3926560.4	75mm projectile (Center Point)	8	0.7	300	30
W-13c	N	716348	3926560.3	75mm projectile	8	0.7	300	30
W-14a	P	716344.7	3926557.3	75mm projectile	14	1.2	135	60
W-14b	P	716344.8	3926557.2	75mm projectile (Center Point)	14	1.2	135	60
W-14c	P	716344.9	3926557.2	75mm projectile	14	1.2	135	60
W-15	R	716344.5	3926561.8	37mm projectile	6	0.5	120	0
W-16	S	716343.8	3926567.5	20mm projectile	8	0.7	45	45
W-17	T	716345.5	3926570.7	MD Fuze 90mm	10	0.8	0	90
W-18	U	716343.4	3926572.6	20mm projectile	10	0.8	0	45
W-19	V	716348.4	3926574	37mm projectile	4	0.3	90	45
W-20	W	716354.8	3926555.7	20mm projectile	6	0.5	270	30
Orig. Blind 1	AA&BB	716348.3	3926546.4	two 20mm projectiles	7	0.6	0 & 90	0
Orig. Blind 2	Y	716351.9	3926550.2	8' projectile shipping plug	6	0.5	n/a	n/a
Orig. Blind 3	Z	716354.7	3926564.3	Frag Bomb Fuze	5	0.4	n/a	n/a
Orig. Blind 4	X	716343.2	3926564.6	M83 bomblet (no fuze)	7	0.6	n/a	n/a

Table 1 GPO Seed Items Information								
Seed ID	**Corps ID**	**X (Easting)**	**Y (Northing)**	**Item Description**	**Depth (in)**	**Depth (ft)**	**Azimuth**	**Orientation**
1-exp	TT	716340.7	3926547.2	flare	1	0.1	0	90
2-exp	LL	716340.7	3926548.8	flare	4	0.3	90	90
3-exp	GG	716340.8	3926550.5	flare	8	0.7	90	90
4-exp	MM	716340	3926554.8	20 pound frag bomb fuze	4	0.3	n/a	n/a
5-exp	CC	716338.9	3926560.7	40mm projectile (old)	6.5	0.5	0	90
6-exp	DD	716338.5	3926563.1	40mm projectile (old)	12	1	90	90
7-exp	EE	716339.2	3926565.5	40mm projectile (old)	16	1.3	90	90
8-exp	FF	716340.3	3926569.6	60mm mortar	17	1.4	0	90
9-exp	KK	716338.5	3926572.5	M83 bomblet	6.5	0.5	n/a	n/a
10-exp	JJ	716337.4	3926553.7	M83 bomblet	14.5	1.2	n/a	n/a
11-exp	HH	716337.8	3926549.9	M83 bomblet	12	1	n/a	n/a

Notes:
n/a = not applicable
Coordinates in Universal Transverse Mercator (UTM), North American Datum (NAD) 83, Zone 12N, meters

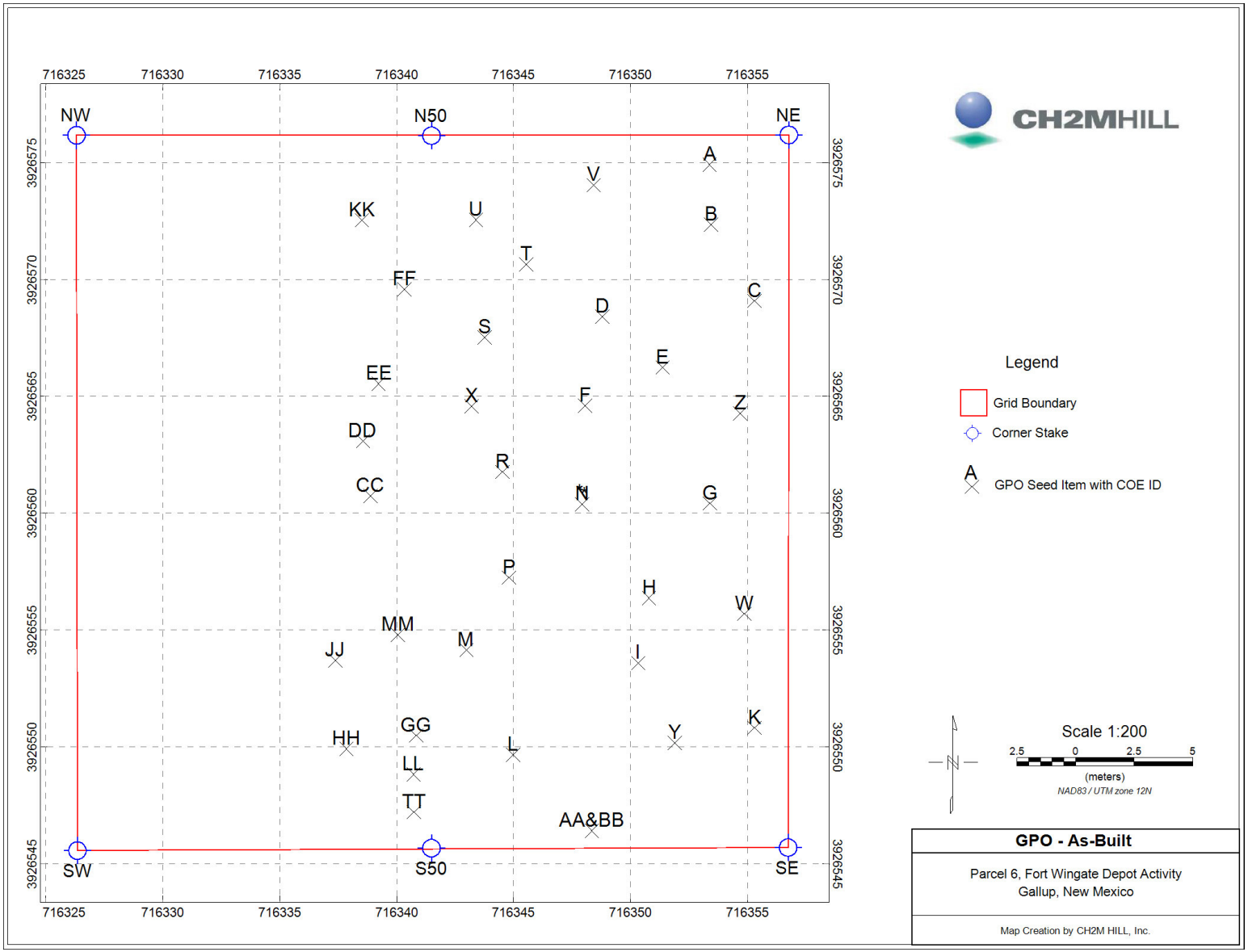


Figure 3
Geophysical Prove-Out Area As-Built
Fort Wingate Depot Activity, New

4.2.2 Digital Geophysical Mapping Surveys

NAEVA performed a DGM survey over the GPO plot with the system to be used utilizing the same procedures as intended for the surveys of the project site, including a two-foot lane separation. The data sets were processed, interpreted and anomaly selections made by NAEVA prior to transfer of the data to CH2M HILL 's MR Geophysicist for review and further analysis. Raw and processed geophysical data and a target selection spreadsheet ("dig sheet") were delivered by NAEVA to the CH2M HILL MR Geophysicist within 24 hours of data collection using the file formats specified in the project work plan.

5.0 Data Processing and Interpretation

Processing steps used by NAEVA are discussed in the following subsections.

5.1 Data Processing

Instrument-specific software (Geonics' DAT61-MK2™) was used for initial data processing and the output was imported into Geosoft Oasis Montaj for additional processing, graphical display, anomaly selections and QC. General processing steps performed on the data included the following:

- Positional offset correction
- Sensor bias, background leveling and/or standardization adjustment
- Sensor drift removal
- Latency correction
- Contour level selection with background shading

5.2 Interpretation/Anomaly Selection

Although anomaly selection was not intended for the production surveys, NAEVA was asked to perform interpretation and anomaly selection of the GPO data in order to ensure that positioning and detection were in accordance with project DQOs. Munitions and Explosives of Concern (MEC)-experienced data processing geophysicists used the following criteria for selecting and locating anomalies:

- Automatic target picking on Channel 3.
- Manual removal of all anomalies where multiples exist. (Keeping the one closest to the center or primary peak of the anomaly.)
- Manual review of the data to add or remove anomalies at the discretion of the data processor.

6.0 Results and Analysis

During the GPO data collection activities, the CH2M HILL MR Geophysicist observed the geophysical detection instruments operating in NAEVA's configurations, using NAEVA personnel and methodologies. All data collection was consistent with documented procedures and met project DQOs.

6.1 Digital Geophysical Mapping Surveys over Seeded Plot

Figure 4 presents the graphical results of the DGM survey over the seeded GPO plot. The CH2M HILL QC Geophysicist performed an analysis on the DGM data collected and a summary of the DQOs and results are presented in Table 2.

CH2M HILL 's analysis indicates that all DQOs outlined in the project Work Plan were met during the GPO (CH2M HILL 2008). It should be noted that reacquisition of the selected anomalies was not performed during the GPO because reacquiring anomalies at the site was not anticipated; however, should this operation be planned at any time in the future the subcontractor performing reacquisition will be asked to demonstrate that they can meet the reacquisition DQO prior to performing the activity.

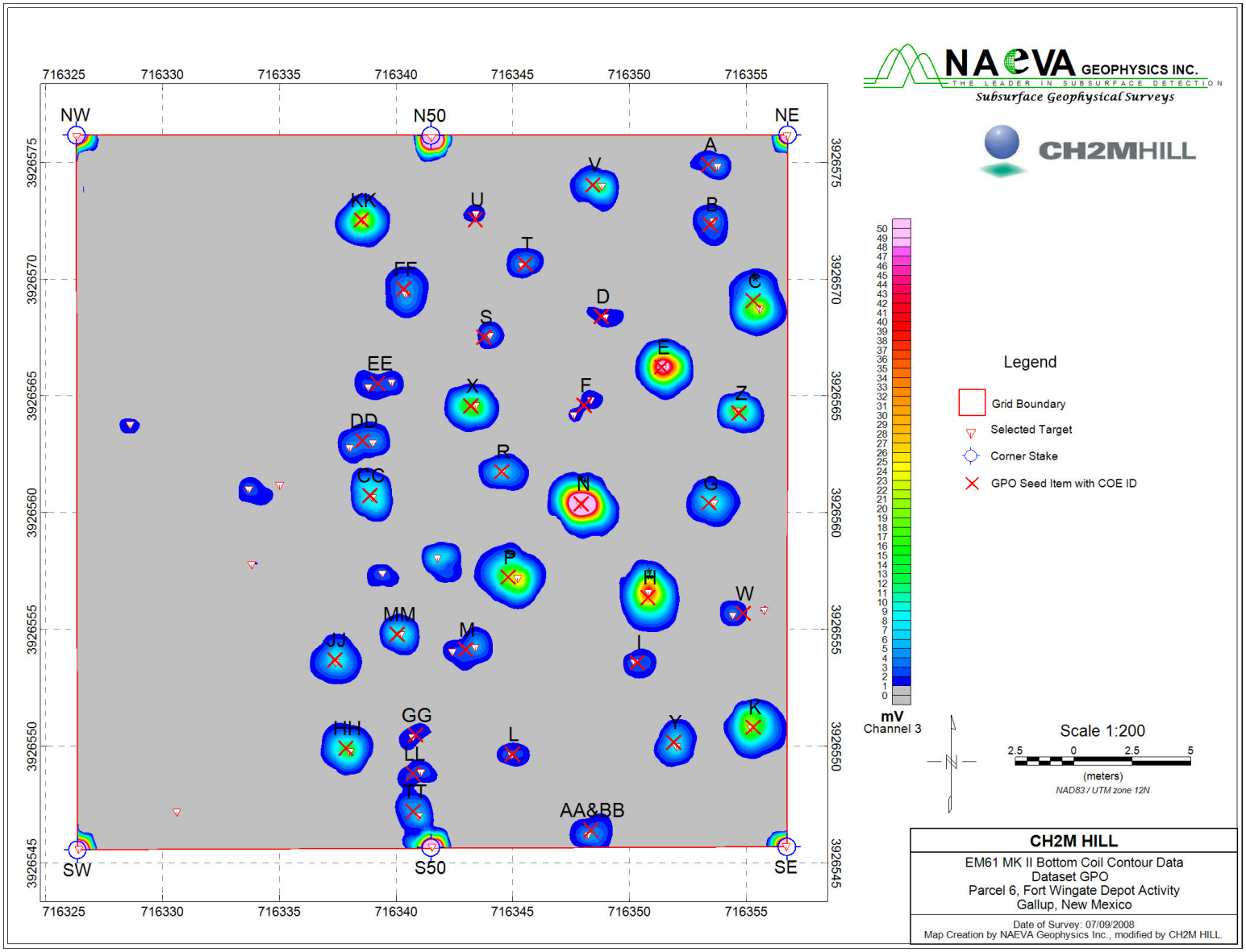


Figure 4 Geophysical Prove-Out Survey Results–EM61-MK2, Channel 3 (660µs)

Table 2 Summary of GPO Results with Respect to Project Data Quality Objectives

Data Quality Objective	Measurement Performance Criteria	Result from GPO
General System Functioning		
Accurate coordinates are being obtained from DGM positioning systems.	Positional error at known monuments will not exceed ±10.2 centimeters (4 inches).	DQO Met
Repeatable data are being obtained from DGM system.	Response to standardized item will not vary more than ±20%.	DQO Met
DGM Surveys		
DGM survey system can generally detect munitions items to depths of 11 times the object's diameter. (Excluding smaller items such as 20 mm projectiles.) (Depth is to top of the item.)	Sensor to identify munitions items of 40 millimeters (mm) or larger diameter (or their surrogates in the GPO) at depths fitting within the detection depth equation.	DQO Met
Downline data density is sufficient to detect munitions items.	Over 98% of possible sensor readings are captured along a transect. Data collection frequency along the path will be in the range of 10 to 20 readings per second with a mean speed not exceeding 2.5 miles per hour (1.12 meters per second). In addition, any transect containing a data gap of 0.6 meters (2 feet) or greater does not meet the DQO.	DQO Met
Coverage over survey area is sufficient to detect munitions items.	Search transect spacing to vary no more than ±20% of spacing specified in sampling design.	Very slight variation observed at limited locations. Discussed with COE Geophysicist and variations accepted for GPO as other DQOs all met.
Positioning of detected anomalies is accurate.	95% of all anomaly locations (as shown on the dig sheets) lie within a 1-meter (3.3-foot) radius of a point on the ground surface directly above the source of the anomaly.	DQO Met
Data Processing		
Instrument Latency	Instrument latency will be corrected based on the lags or time differences observed in anomaly peak positions.	DQO Met

Table 2 Summary of GPO Results with Respect to Project Data Quality Objectives		
Data Quality Objective	**Measurement Performance Criteria**	**Result from GPO**
EM Drift Correction	For any given dataset of EM data, all data channels are leveled using the same routines and parameters.	DQO Met
Drift Corrections and Filtering Routines	Drift corrections and/or filtering routines that are applied to datasets do not alter the nature of the original measured response.	DQO Met
Data Handling		
All data must be delivered in a timely manner and in a useable format.	Data packages are completed and delivered within the schedules specified in the project Work Plan.	DQO Met
Quality Control		
All quality control tests must be performed and meet specified criteria.	Specific to QC test.	DQO Met

7.0 Quality Control

NAEVA was observed collecting data to comply with all of the GPO Plan QC requirements. (CH2M HILL, 2008.) All documented QC tests were checked for DQO compliance (as specified in the GPO Work Plan) and each test was within those requirements. Documentation for each test is provided in Appendix A.

8.0 Conclusions

An existing GPO plot at the Fort Wingate site was surveyed for use in the validation of DGM systems for performing DGM surveys in Areas of Concern 78 and 79 within Parcel 6. NAEVA personnel performed a survey over the plot and the data were processed and interpreted. Based on the results of the GPO, it was agreed by the CH2M HILL QC Geophysicist that the system met project DQOs and the system was considered validated and appropriate for use at the site.

9.0 References

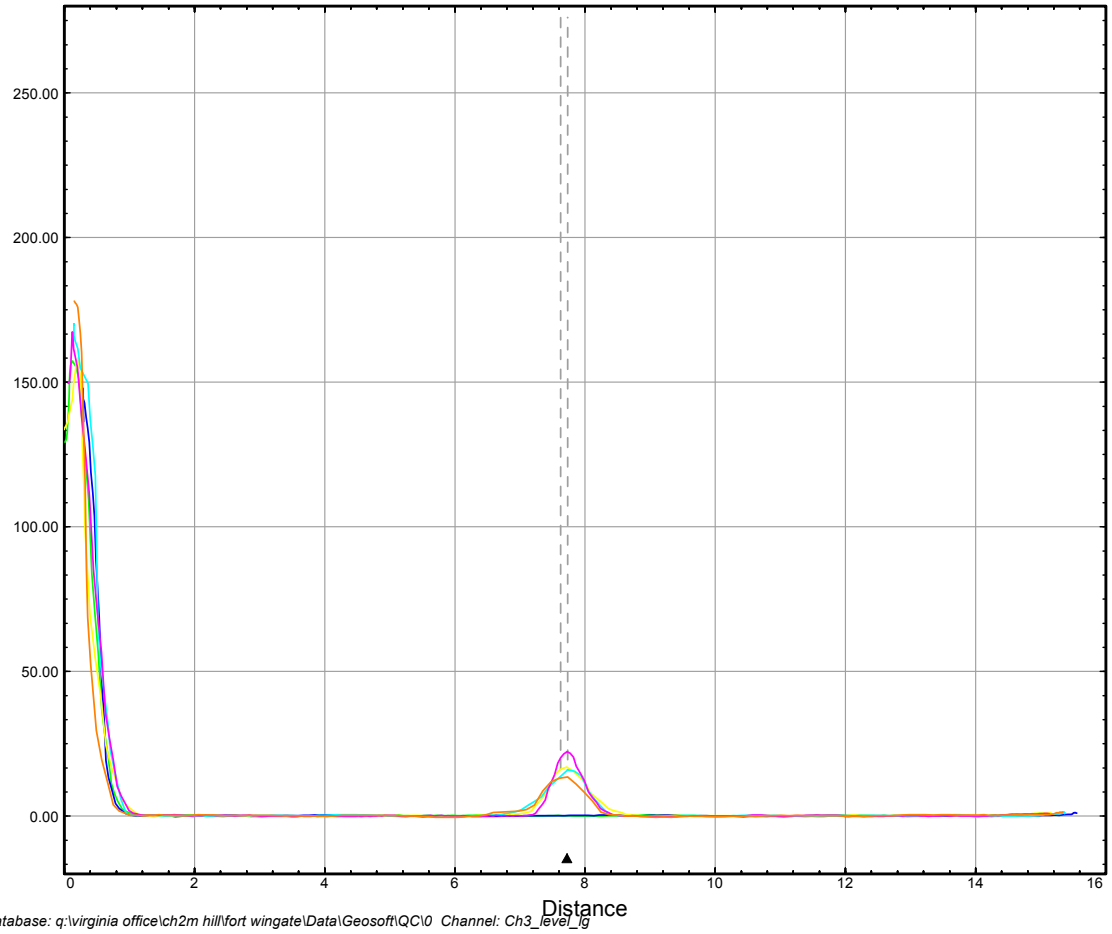
USACE, 2008. *Geophysical Component of the Release Assessment at Parcel 6, Fort Wingate, Scope of Work.* February 19, 2008.

CH2M HILL , 2008. *Geophysical Investigation Plan, Parcel 6, Fort Wingate Depot Activity, New Mexico.* June 2008

Appendix A

Quality Control Documentation

Parcel 6 - Six Line - 0708sixline4



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MAP
6 line test

LEGEND

- Normal Pace
- Normal Pace
- Normal Pace with object
- Normal Pace with object
- Fast Pace with object
- Slow Pace with object
- Target position
- Lateral tol. exc.

Proposed distance lag = -0.054
Proposed time lag = -0.049 sec

Map Scale: Scale 1:88.88889 (meters)

N
Grid North: 0°0'0"
Mag North: 0°0'0"

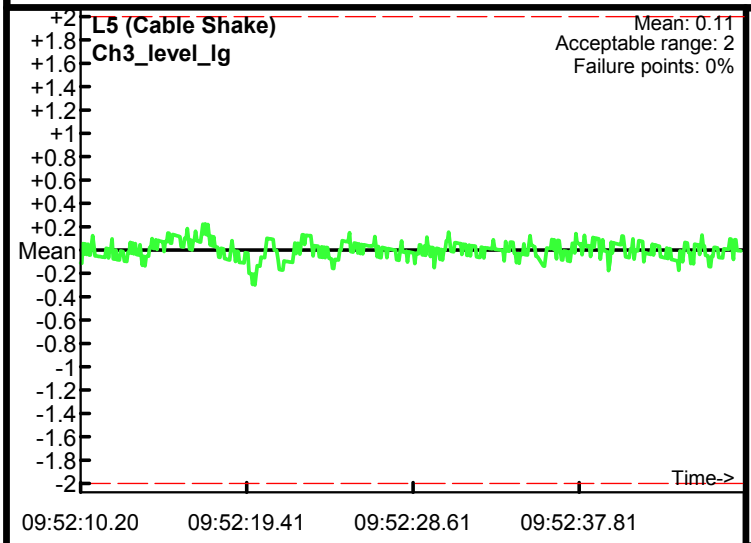
Client: CH2M HILL	
Project: Parcel 6, Fort Wingate Depot Activity	
Contractor: NAEVA Geophysics Inc.	
Created by: JF	Verified by:
Date: 07/11/2008	File: 0708sixline_6LineTest
Page number:	Approved:

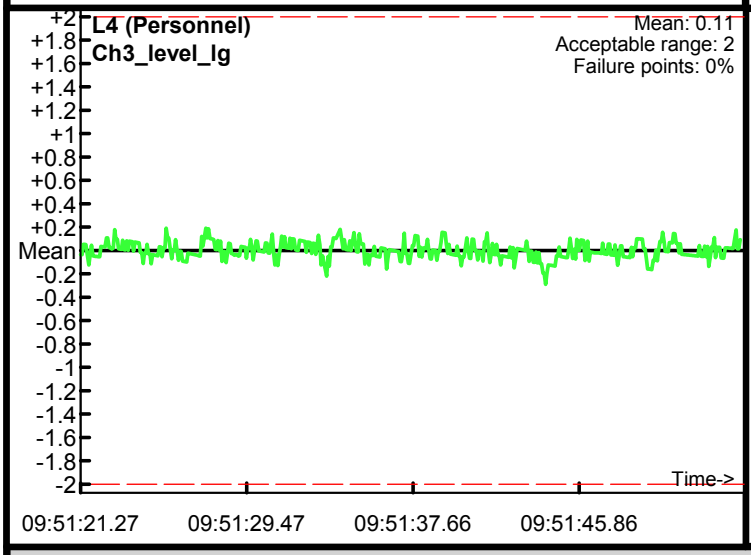
Cable Shake & Personnel Tests

Project: Fort Wingate, New Mexico
Equipment: EM-61 Mark II
Grid/Location: Daily Function Test Area

Instrument Threshold: 20%
Outside range
Acceptable limits

AM test
Operator: NAEVA
Date: 2008/07/09





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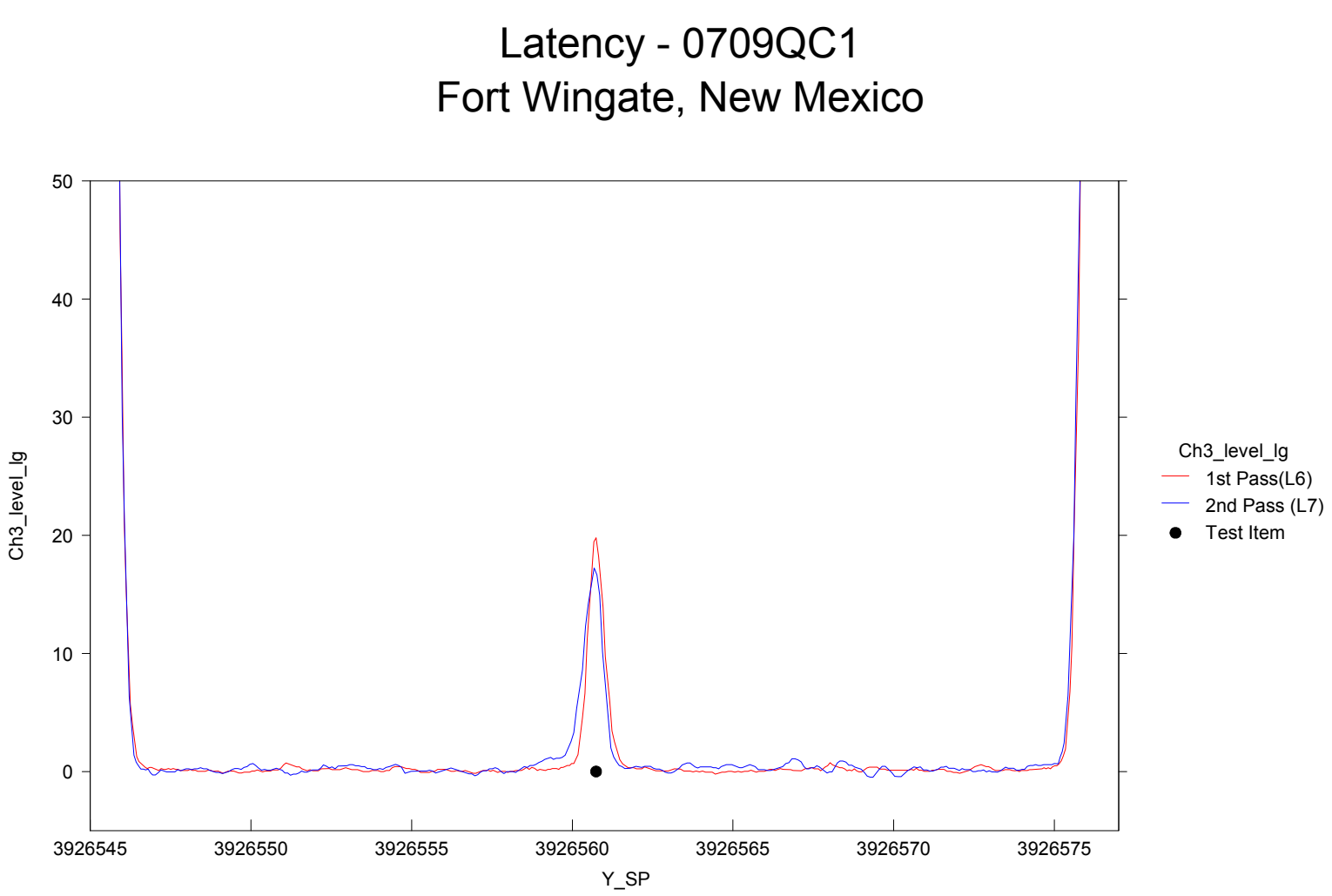


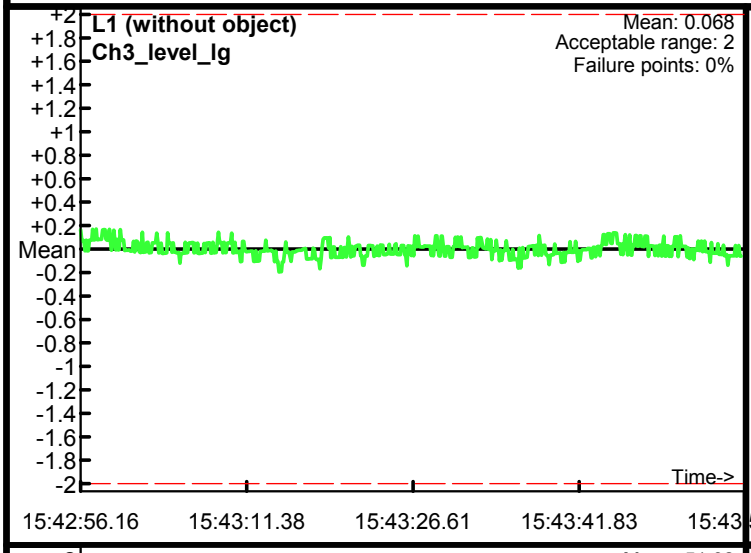
Database: 0709QC1.gdb

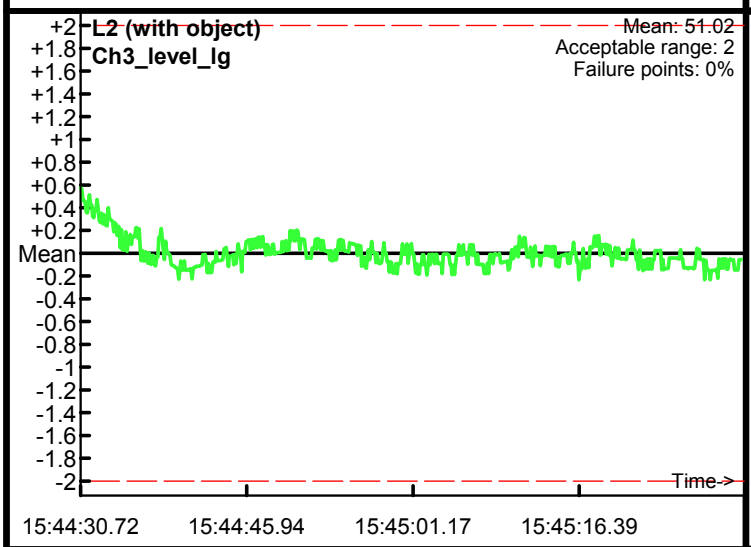
Static Calibration Test

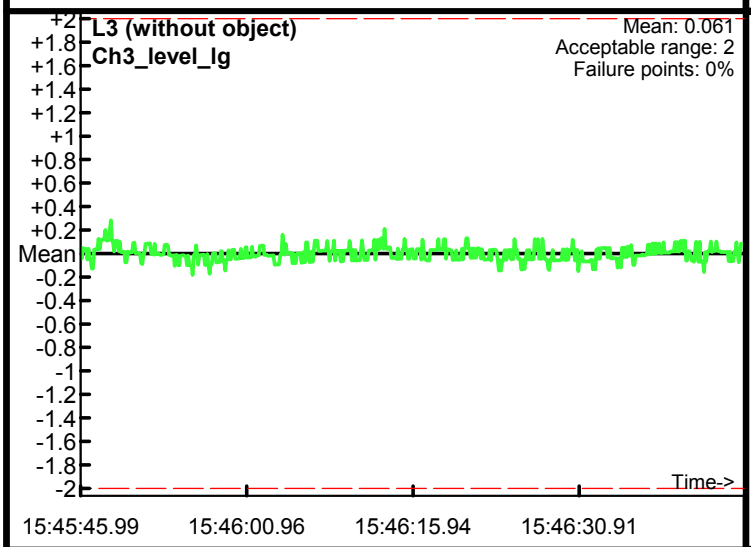
Project: Fort Wingate, New Mexico
Equipment: EM-61 Mark II
Grid/Location: Daily Function Test Area

Instrument Threshold: 20%
Outside range
Acceptable limits

Mid test
Operator: NAEVA
Date: 2008/07/09







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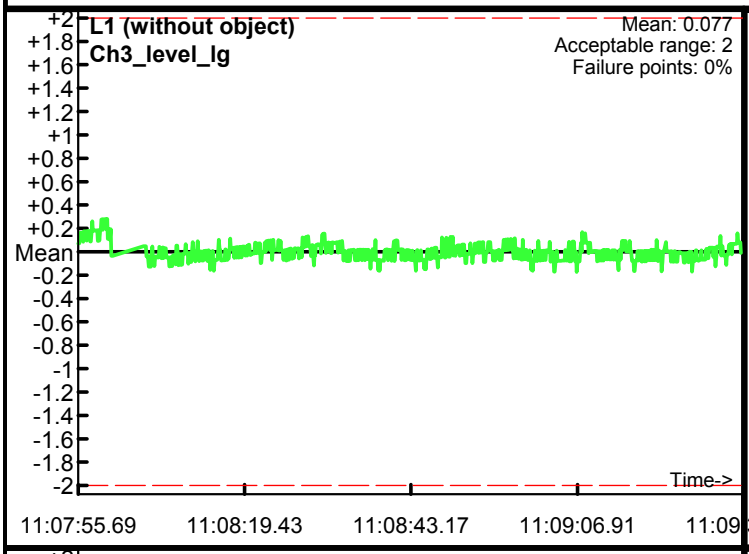
Line Name: L1 L2 L3

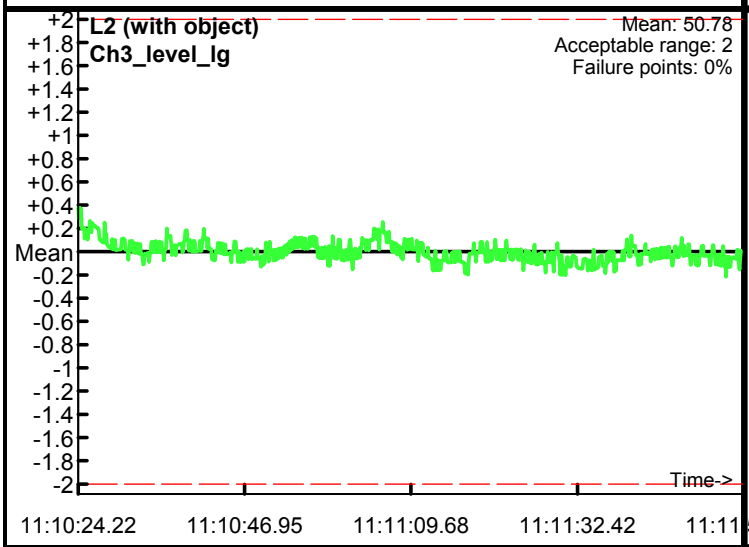
Static Calibration Test

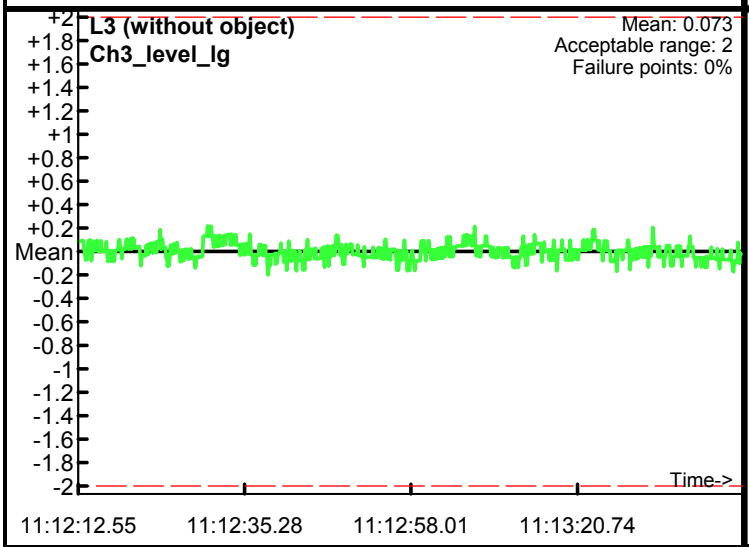
Project: Fort Wingate, New Mexico
Equipment: EM-61 Mark II
Grid/Location: Daily Function Test Area

Instrument Threshold: 20%
Outside range
Acceptable limits

AM test
Operator: NAEVA
Date: 2008/07/09







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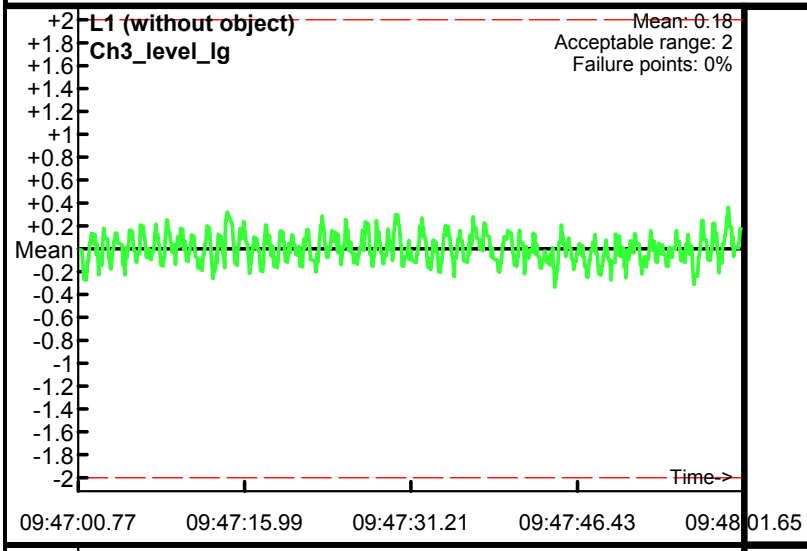
Line Name: L1 L2 L3

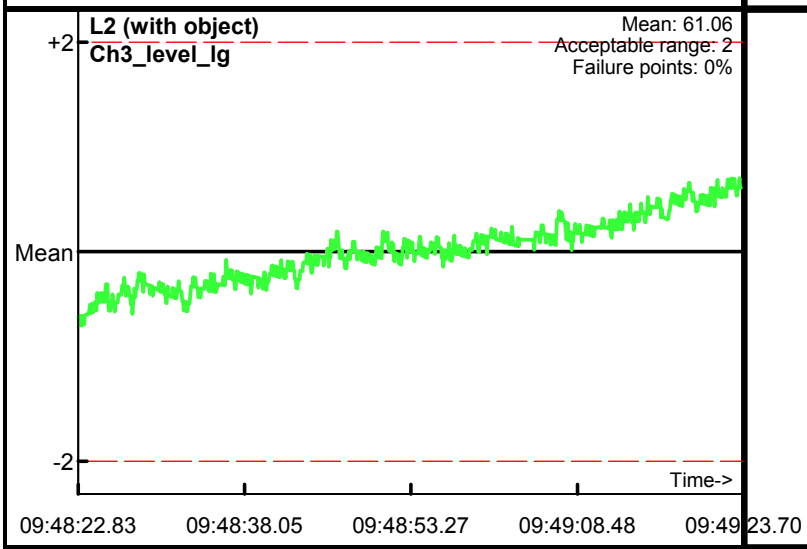
Static Calibration Test

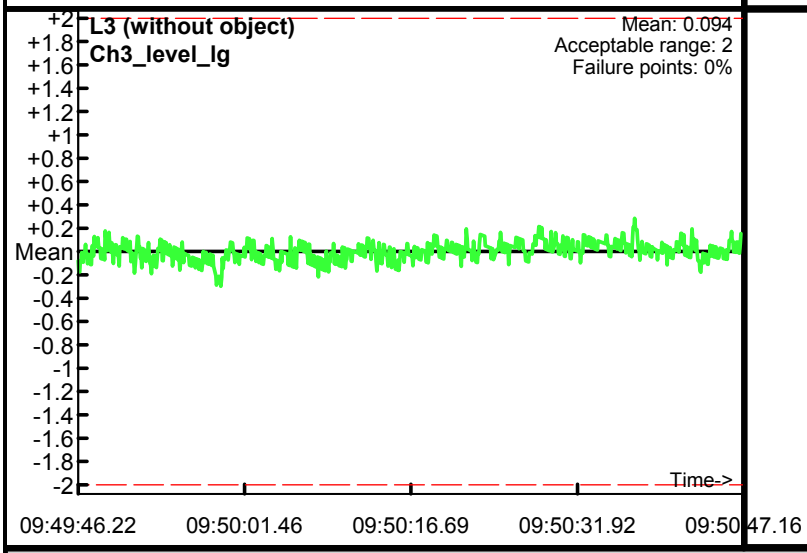
Project: Fort Wingate, New Mexico
Equipment: EM-61 Mark II
Grid/Location: Daily Function Test Area

Instrument Threshold: 20%
Outside range
Acceptable limits

AM test
Operator: NAEVA
Date: 2008/07/09







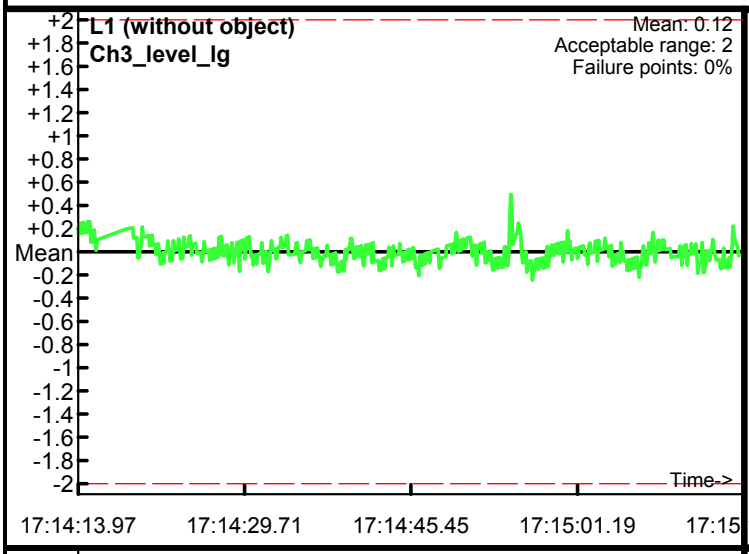
Database: Q:\Virginia Office\CH2M HILL\Fort Wingate\Data\Geosoft\QC\070908\0709QC1.gdb
Line Name: L1 L2 L3

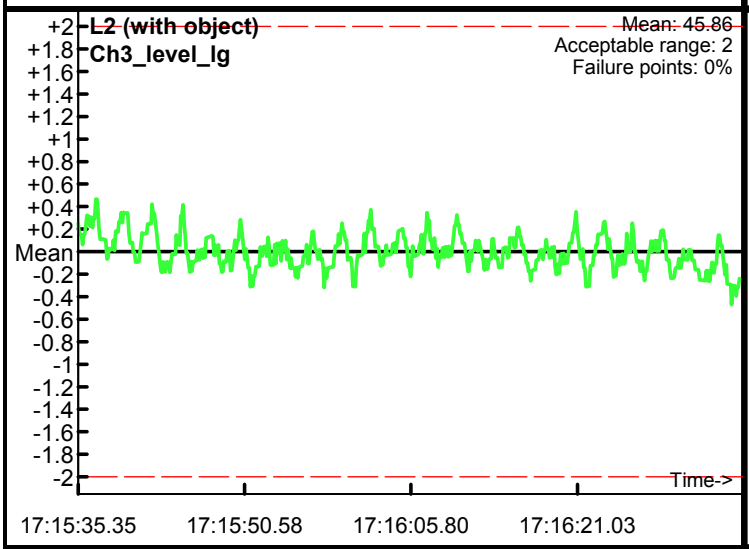
Static Calibration Test

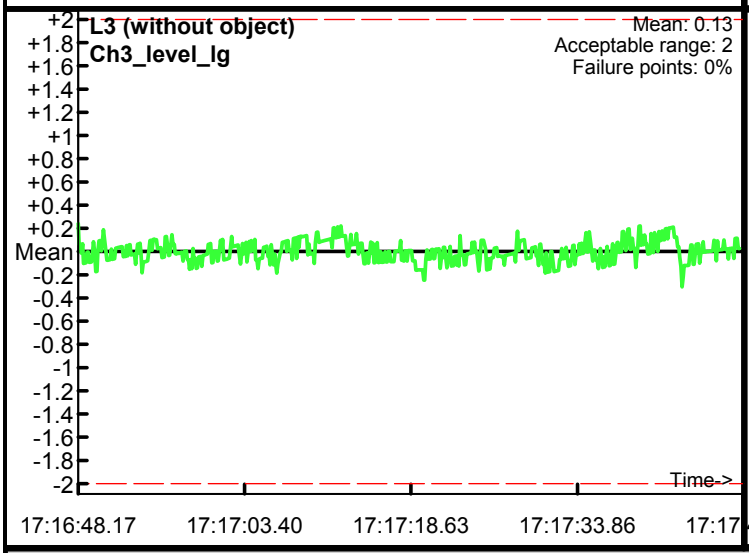
Project: Fort Wingate, New Mexico
Equipment: EM-61 Mark II
Grid/Location: Daily Function Test Area

Instrument Threshold: 20%
Outside range
Acceptable limits

PM test
Operator: NAEVA
Date: 2008/07/09







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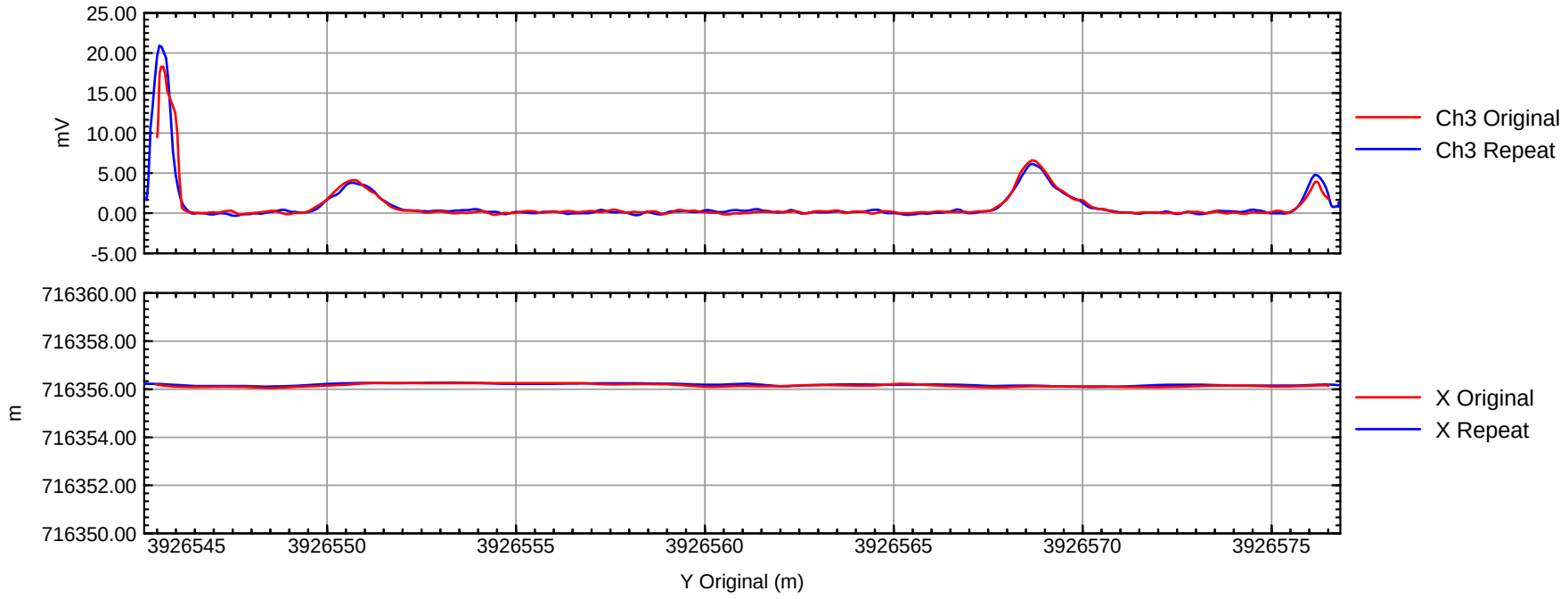
Fort Wingate - Gallup - New Mexico
GPO - EM61MK2 - Repeat Line 98



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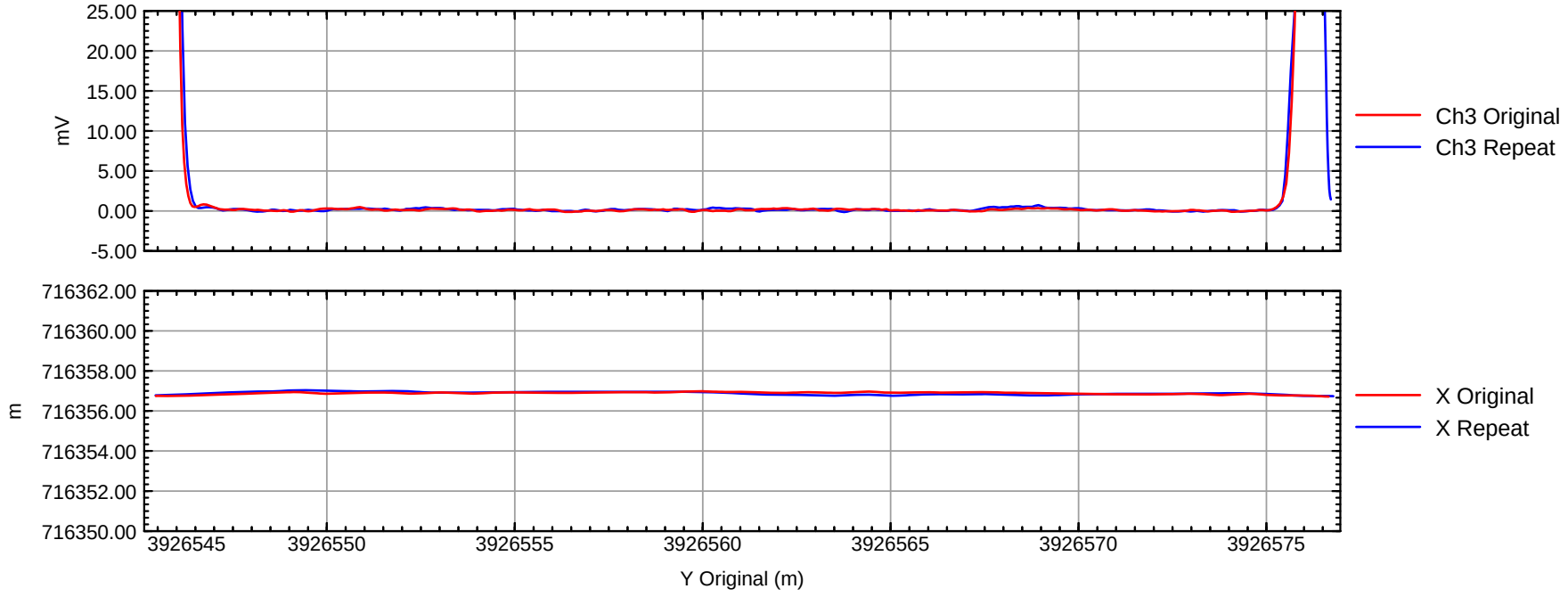
Date: 07/09/2008

Fort Wingate - Gallup - New Mexico
GPO - EM61MK2 - Repeat Line 100



Database: GPO_Repeat.gdb Line/Group: L100

Date: 07/09/2008

Appendix L
Geophysical Investigation Report

NAeVA GEOPHYSICS INC.
THE LEADER IN SUBSURFACE DETECTION
Subsurface Geophysical Surveys

GPR
MAGNETICS
ELECTROMAGNETICS
SEISMICS
RESISTIVITY
UTILITY LOCATION
UXO DETECTION
BOREHOLE CAMERA
STAFF SUPPORT

Geophysical Investigation of Areas of Concern 78 and 79, Parcel 6

Fort Wingate Depot Activity
Gallup, New Mexico

Dates of Investigation:

July 8th – July 25th, 2008

FINAL SUBMITTAL
October 24, 2008

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ACRONYMS AND ABBREVIATIONS

AOC	Area of Concern
ASCII	American Standard Code for Information Interchange
cm	centimeter
DGM	Digital Geophysical Mapping
DQO	Data Quality Objectives
EM61-MK2	Electromagnetic 61 Mark 2
FWDA	Fort Wingate Depot Activity
GGA	Global Positioning System Fix Data format
GLONASS	Global Navigation Satellite System (Russian)
GPO	Geophysical Prove Out
GPS	Global Positioning System
Hz	Hertz
m	meter
MEC	Munitions and Explosives of Concern
MRSIMS	Munitions Response Site Information Management System
mV	millivolts
NAD83	North American Datum 1983
NAEVA	NAEVA Geophysics, Inc.
NMEA	National Marine Electronics Association
OB/OD	Open Burn / Open Detonation
QA	Quality Assurance
QC	Quality Control
RTK	Real Time Kinematic
UTM	Universal Transverse Mercator

1.0 INTRODUCTION

NAEVA Geophysics, Inc. (NAEVA) was contracted by CH2M HILL to conduct Digital Geophysical Mapping (DGM) of Areas of Concern (AOCs) 78 and 79 at Fort Wingate Depot Activity (FWDA), McKinley County, New Mexico. An area totaling roughly 9.85 acres was mapped using DGM, in five separate areas in the western and northern portions of FWDA. Fieldwork was conducted from July 8th to July 25th, 2008.

1.1 Background and Project Objectives

The purpose of this investigation was to detect and map subsurface metallic items including potential Munitions of Explosive Concern (MEC) in five locations, located within AOCs 78 and 79. Although no munitions are reported to have been fired at FWDA, munitions were stored on site from the period 1918 -1993.

1.2 Scope of Work

NAEVA Geophysics provided all personnel and geophysical survey equipment to perform the DGM surveys at FWDA. A total of five separate locations were identified for DGM surveying, four in AOC 78, and one in AOC 79. Geophysical data were collected to provide 100% coverage of each location. Prior to starting production geophysical surveying, a Geophysical Prove Out (GPO) was performed to demonstrate the capabilities of the personnel and equipment to meet the data quality objectives (DQO's). All production data were to be processed, interpreted and delivered to the CH2M HILL Project Geophysicist on the schedule and in the formats specified in the Statement of Work.

1.3 Site Location and Description

Fort Wingate Depot Activity is located in McKinley County, approximately 15 miles east of Gallup, New Mexico. Fort Wingate served as a munitions depot from 1918 to 1993, until its closure. Ordnance was stored and de-militarized at Fort Wingate. Facilities include storage bunkers, and a known Open Burning/Open Detonation (OB/OD) area.

The DGM survey areas are illustrated in Figures 1through3. The GPO location is shown in Figure 1 and existed prior to the start of this project.

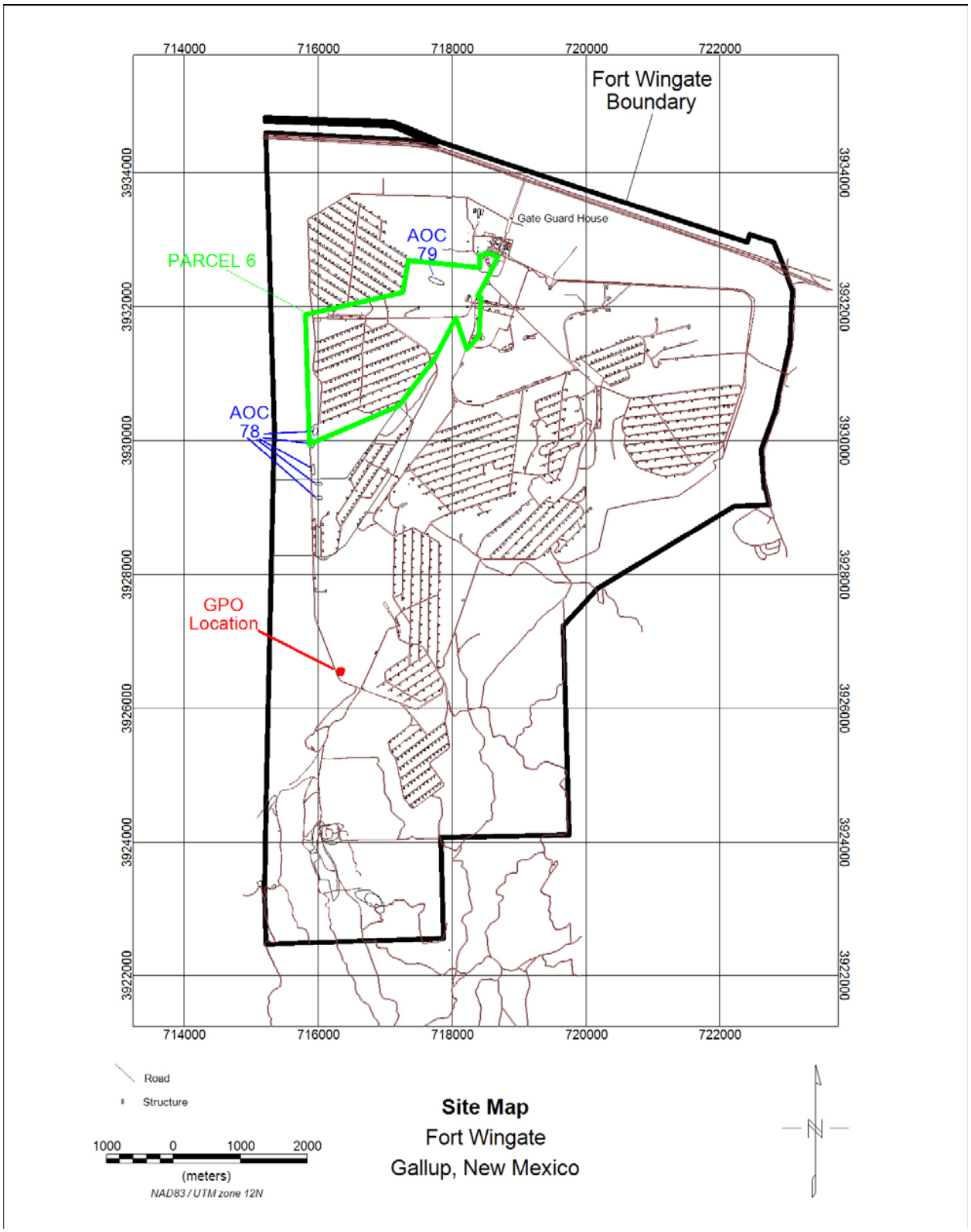

Figure 1: DGM Survey Locations within Fort Wingate

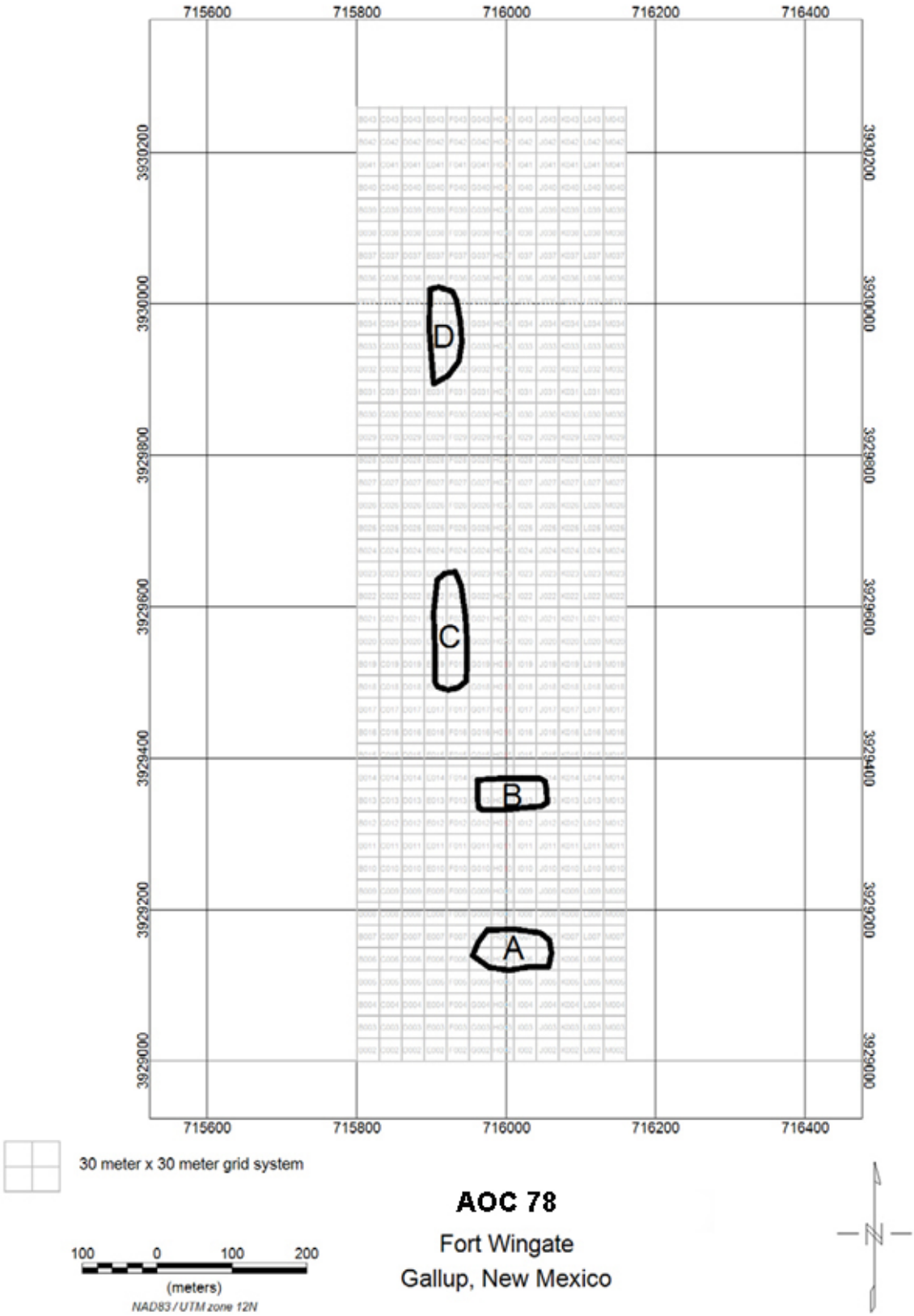

Figure 2: DGM Survey Locations in AOC 78

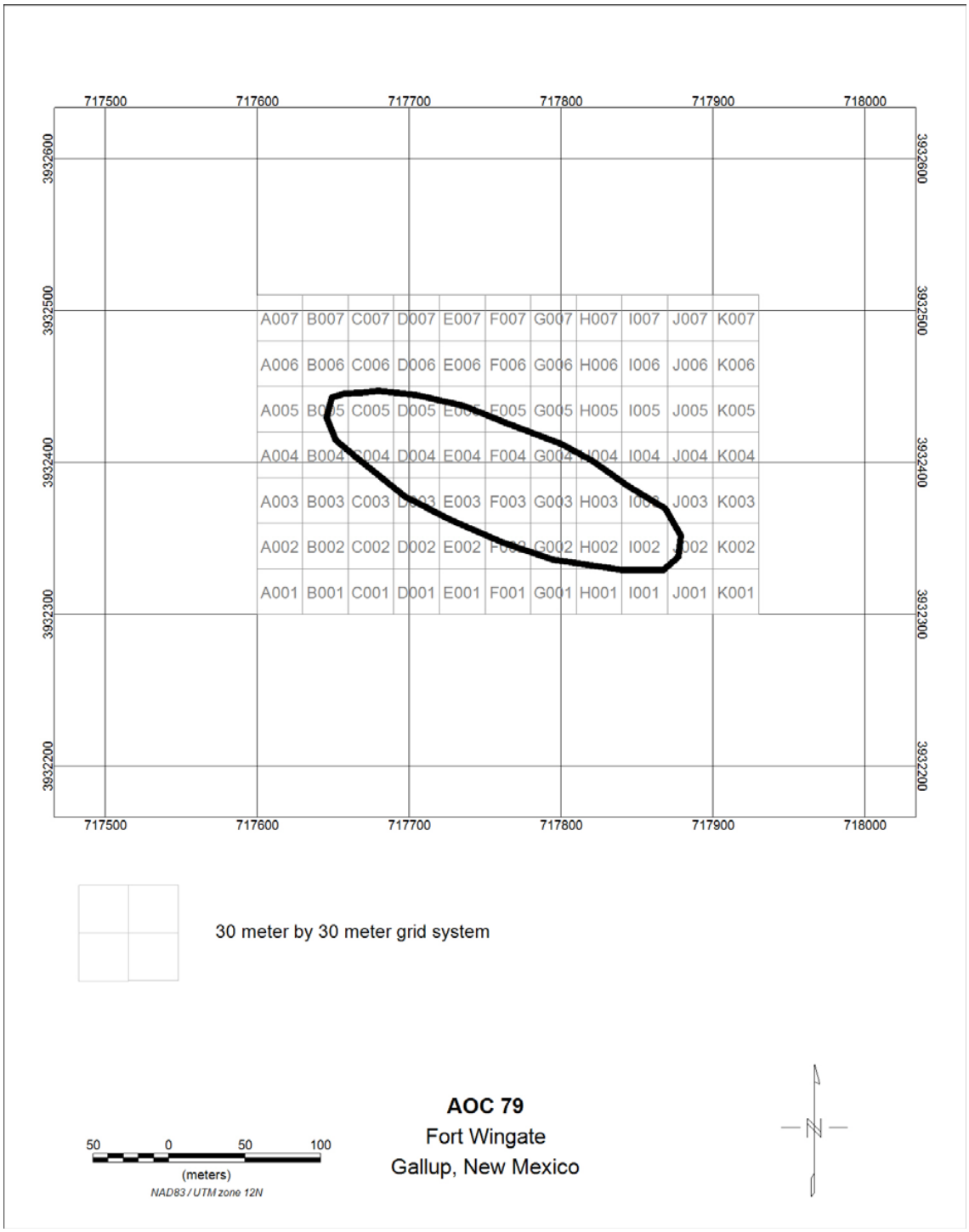

Figure 3: DGM Survey Locations in AOC 79

2.0 EQUIPMENT

2.0.1 Geonics EM61-MK2

The EM61-MK2 is a high spatial resolution, time-domain electromagnetic instrument designed to detect shallow ferrous and non-ferrous metallic objects. The EM61-MK2 system consists of two air-cored coils, a digital data recorder, batteries and processing electronics. A photo of the EM61-MK2 is presented in Figure 4. The larger of the two coils (mounted closest to the ground), houses a transmitter that generates a pulsed primary magnetic field, which then induces eddy currents in nearby metallic objects. Both the lower and upper coils house receivers, with the capability to either measure the eddy currents at three distinct time intervals in the bottom coil and one time interval in the top coil; or four intervals in the bottom coil if no top coil measurements are recorded. Four time gates from the bottom coil were recorded for the DGM surveys at Fort Wingate. Secondary voltages induced in both coils are measured in millivolts (mV). The arrangement of coils is such that there is a vertical separation of 40 cm from the ground to the bottom coil. Assuming accurate data positioning, target resolution of approximately 0.5 meters can be expected. The data are collected using Geomar Software Inc.'s Nav61MK2 program and temporarily stored in an Allegro CX prior to downloading to a laptop computer.

2.0.2 Trimble 5700 Real Time Kinematic Global Positioning System

Trimble's 5700 Real Time Kinematic (RTK) Global Positioning System (GPS) is a 24-channel dual frequency RTK receiver that uses both L1 and L2 satellites. This system operates with a base and a rover unit; the base sends corrections to the rover via radio link, thus maintaining a 3 cm horizontal accuracy and a 5 cm vertical accuracy. For configuration with the EM61-MK2, the rover is set to output a Global Positioning System Fix Data format (GGA) National Marine Electronics Association (NMEA) string at 1 Hertz (Hz), which is captured into the NAV61MK2 program and temporarily stored in the Allegro CX. The base station utilized for this survey was a Trimble R8 GNSS. The R8 GNSS is a multichannel, multi-frequency receiver, antenna, and data-link radio combined in one device. It uses Trimble R-Track technology to support all GPS signals, including the new L2C signal and the planned L5 signal of GPS Modernization, and also supports GLONASS.

Figure 4: EM61 MK2 with RTK GPS

3.0 METHODOLOGY

3.1 DGM Survey Activities

DGM surveying at FWDA was accomplished using the EM61-MK2 in wheel mode configuration, with data positioning provided by RTK GPS. In wheel mode, the EM61-MK2 bottom coil is mounted on two 40cm wheels, and has four fiberglass spacers used to support the top coil. A tripod attached to the top coil holds the GPS antenna over the center of the EM coils. All data collected at FWDA were recorded at a sample rate of 10 readings per second.

A survey transect spacing of 2.0 feet was used for the GPO and DGM survey areas. This spacing results in coil overlap on successive lines, reducing the likelihood of data gaps and improving the chance of detecting small metallic items.

Low stretch polypropylene ropes painted with alternating bands of fluorescent green and pink paint were placed across survey grids at 25 foot intervals, perpendicular to the direction of travel. These ropes provided guidance to the geophysicist maneuvering the EM61 across the grids, to maintain parallel lines spaced 2 feet apart.

A Trimble GeoXT was used to record relevant survey information, and also to make sketches of survey impediments such as arroyos, trees, depressions and piles of flood debris. GeoXT data were downloaded to a laptop computer each evening, and the merged into a database for inclusion in CH2M Hill's Munitions Response Site Information System (MRSIMS).

3.2 Data Storage and Preliminary Processing

EM61-MK2 data are temporarily stored in an Allegro data logger via Geomar's NAV61 software and then downloaded into a laptop computer for further on-site processing using Geomar's Trackmaker 61MK2.

Initial data processing was performed by the field team which included reviewing data for integrity and repeatability. Additionally, track maps produced using the Trackmaker 61MK2 software were reviewed to evaluate survey coverage and to check for missing GPS readings.

3.3 Preprocessing

Data were uploaded each evening to the CH2M Hill ftp site by the field crew. Data were then retrieved by NAEVA's data processor in the Charlottesville, Virginia office, where converted raw data files were imported into Geosoft's Oasis Montaj to perform the following:

- Review and finalize all QC tests (cable shake, personnel, static and latency) prior to processing of the DGM data for that day
- Set projection of NAD83 UTM Zone 12N coordinates
- Evaluate data density and GPS quality
- Apply auto leveling and instrument drift corrections
- Apply of default lag correction
- Generate preliminary contour map(s) from gridded data
- Generate preliminary original vs. repeat profiles by grid block
- Generate formatted ASCII files containing preprocessed data by grid block

3.4 Final Processing

After completion of preprocessing, the data were further evaluated and processed to generate final processed data files. Final processing steps included:

- Evaluation and refinement of auto leveling and instrument drift corrections in the channel selected for target analysis (Channel 3)
- Evaluation and refinement of lag correction in the channel selected for target analysis (Channel 3)
- Additional digital filtering and enhancement, as necessary, in the channel selected for target analysis (Channel 3)
- Generation of formatted ASCII files containing processed data by grid block
- Generation of final maps for each grid showing contoured gridded data and culture
- Generation of final original vs. repeat profiles by grid block
- Production of mosaic maps for each of the five surveyed locations

4.0 RESULTS

4.1 Summary of Work Performed

The digital geophysical mapping of the selected areas of Fort Wingate took place from July 8, 2008 through July 25, 2008 and totaled approximately 9.85 acres. Work began with the mapping of the locations in AOC 78, starting with Area A, progressing to Area D; then location in AOC 79 was mapped.

4.2 Mobilization and Site Setup

NAEVA mobilized one field crew to Gallup, New Mexico on July 7, 2008. All equipment had been shipped to a motel in Gallup prior to the mobilization. Both the EM61 MK2 and the GPS system were set up and tested in Charlottesville, Virginia, before being shipped to Gallup.

4.3 Geophysical Prove Out (GPO)

A pre-existing GPO area was used for this survey, located south of AOC 78 (See Figure 1). The purpose of surveying the Geophysical Prove Out (GPO) area was to demonstrate the effectiveness of all instrumentation, methods, and personnel prior to the initiation of fieldwork and document the site-specific capabilities of the DGM system. Serial number identifications were recorded for all instrumentation (i.e. data logger, coils, EM61-MK2 electronics, GPS equipment), and the GPO area was mapped using the same personnel, equipment, and methodologies employed for the DGM survey. The GPO covered an area of 100 feet by 100 feet.
Data for Channel 3 were processed and presented with a targeting threshold of 1 mV for the GPO. Figure 5 shows the color contour map for the GPO. A threshold of 3 mV in Channel 3 was determined to show potential anomalies of interest while excluding most site noise. Targets were selected above site background noise, and a target list was generated. Evaluation of the GPO data and target list by the CH2M Hill geophysicist resulted in approval to move forward with production surveying. Maps generated for the production geophysical survey were prepared with colors starting at 3 mV, and no target selection, as directed by CH2M Hill.

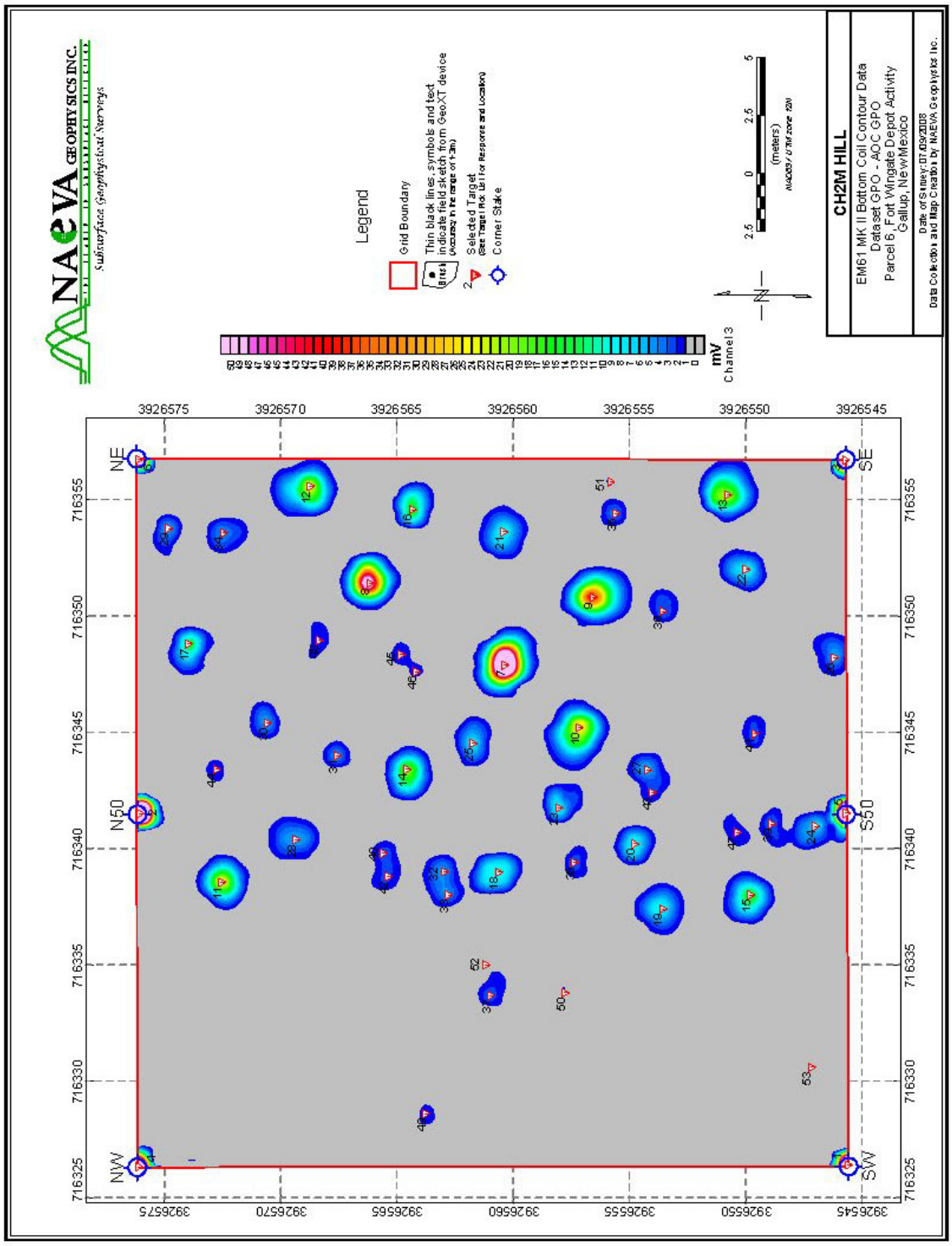

Figure 5: GPO Survey Results

4.4 DGM SURVEY ACTIVITIES

4.4.1 AOC 78

Four separate areas within AOC 78 were surveyed with DGM: Areas A-D, as shown in Figure 2. Work was initiated in Area A, and progressed northward. Minor obstacles were encountered in Area A, consisting of juniper trees, two brush piles, and an arroyo on the eastern edge of the survey area. Please refer to Figure 6 for a depiction of terrain and vegetation in Area A. Data were collected as close as possible to these obstructions, though some small gaps remained. DGM surveying began on the western side of Area A, progressing to the east. Scrap metal was observed on the surface occasionally in all of the survey areas. Any scrap metal observed during grid setup was removed by the crew, and placed outside the survey area. The DGM survey results for AOC78, Areas A, B, C, and D are shown in Figures 7 through 10, respectively.

The color contour map of EM data collected in Area A (Figure 7) reveals very few anomalies. Steel nails mark the position of survey points defining the perimeter of the survey area, creating small anomalies at these points. Several other small anomalies occur in Area A, where unknown metal objects occur in the subsurface. Area B was surveyed following the completion of Area A. No structures or other cultural features were observed in any of the survey areas. No significant obstructions existed in Area B, which was characterized by open terrain with sparse bushes, and grasses. The color contour map of Area B (Figure 8) shows a distinct grid pattern in the interior of the survey area. Additionally, scattered anomalies are mapped in the northern, and especially in the northeastern corner of the area In Area C, a deep arroyo lies on the eastern edge of the survey area, precluding access in some spots. The GeoXT was used to draw the edge of the obstruction, and also to mark the locations of various holes too deep to survey. Area C results are shown in Figure 9.

The contour map of Area C displays very few anomalies excluding survey markers. Only six significant responses from unknown sources are recorded within the survey area. No grid pattern is evident as seen in Area B

Figure 6: DGM Surveying in Area A

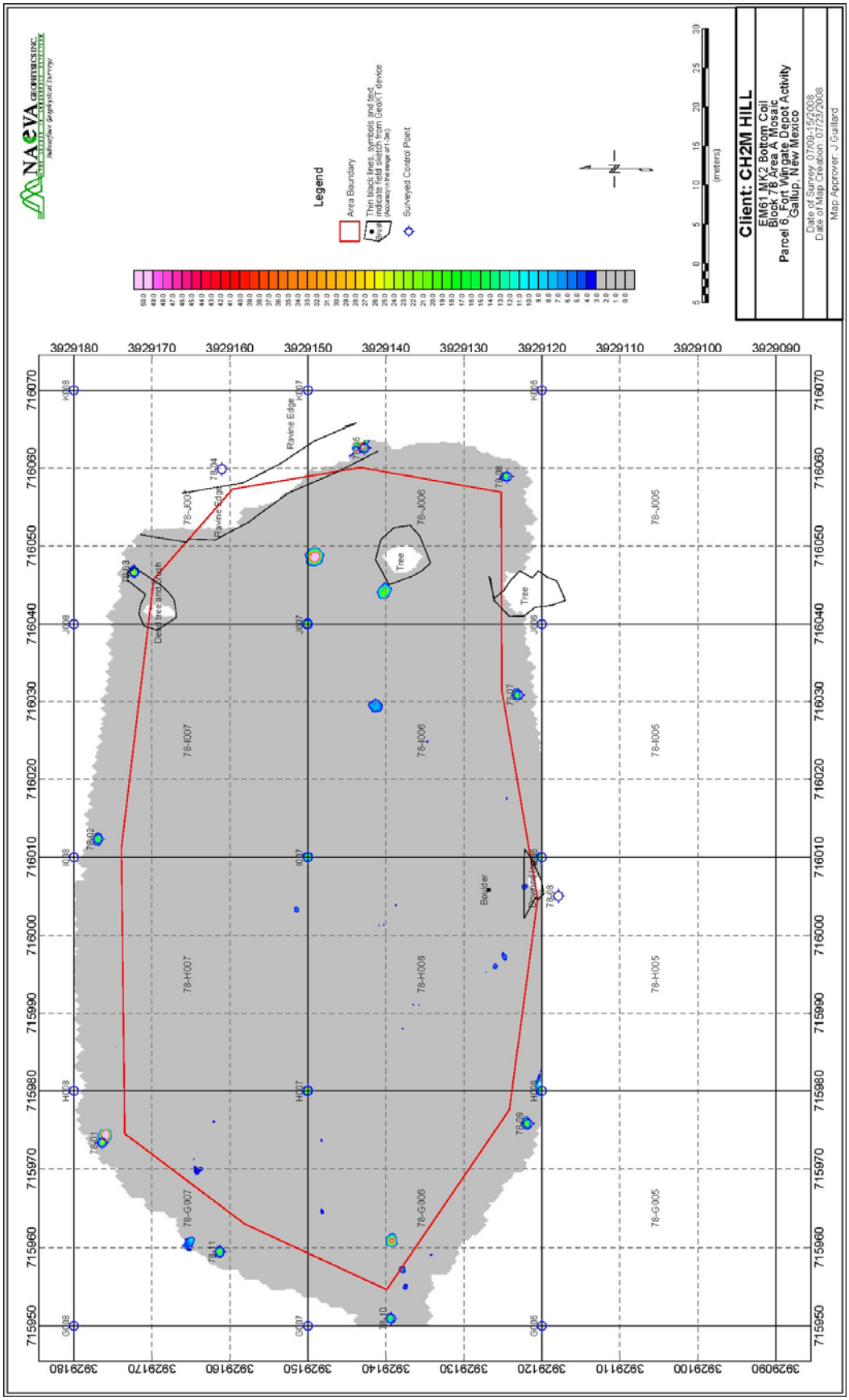

Figure 7: Color Contour Map of EM data, Area A

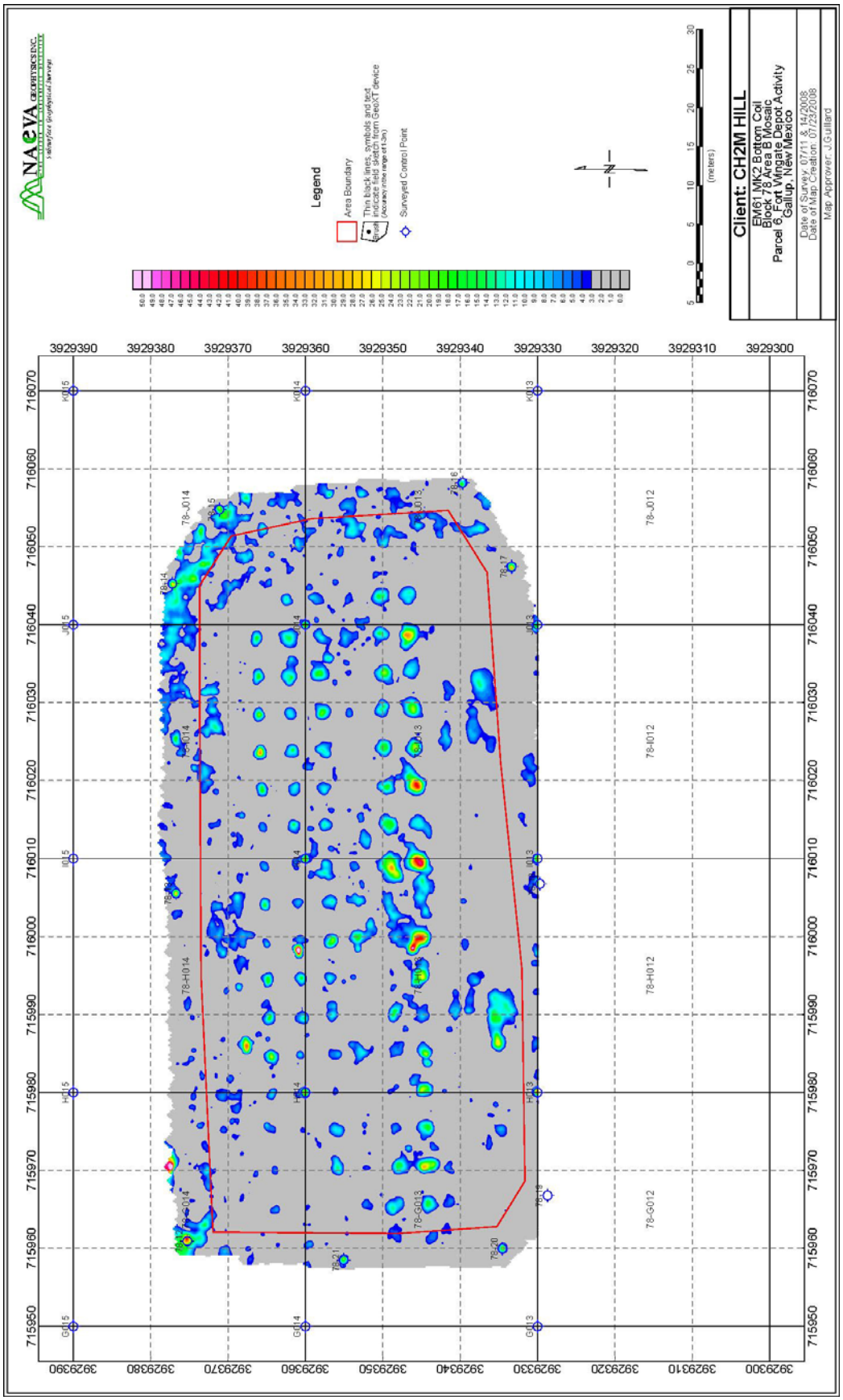

Figure 8: Color Contour Map of EM data, Area B s

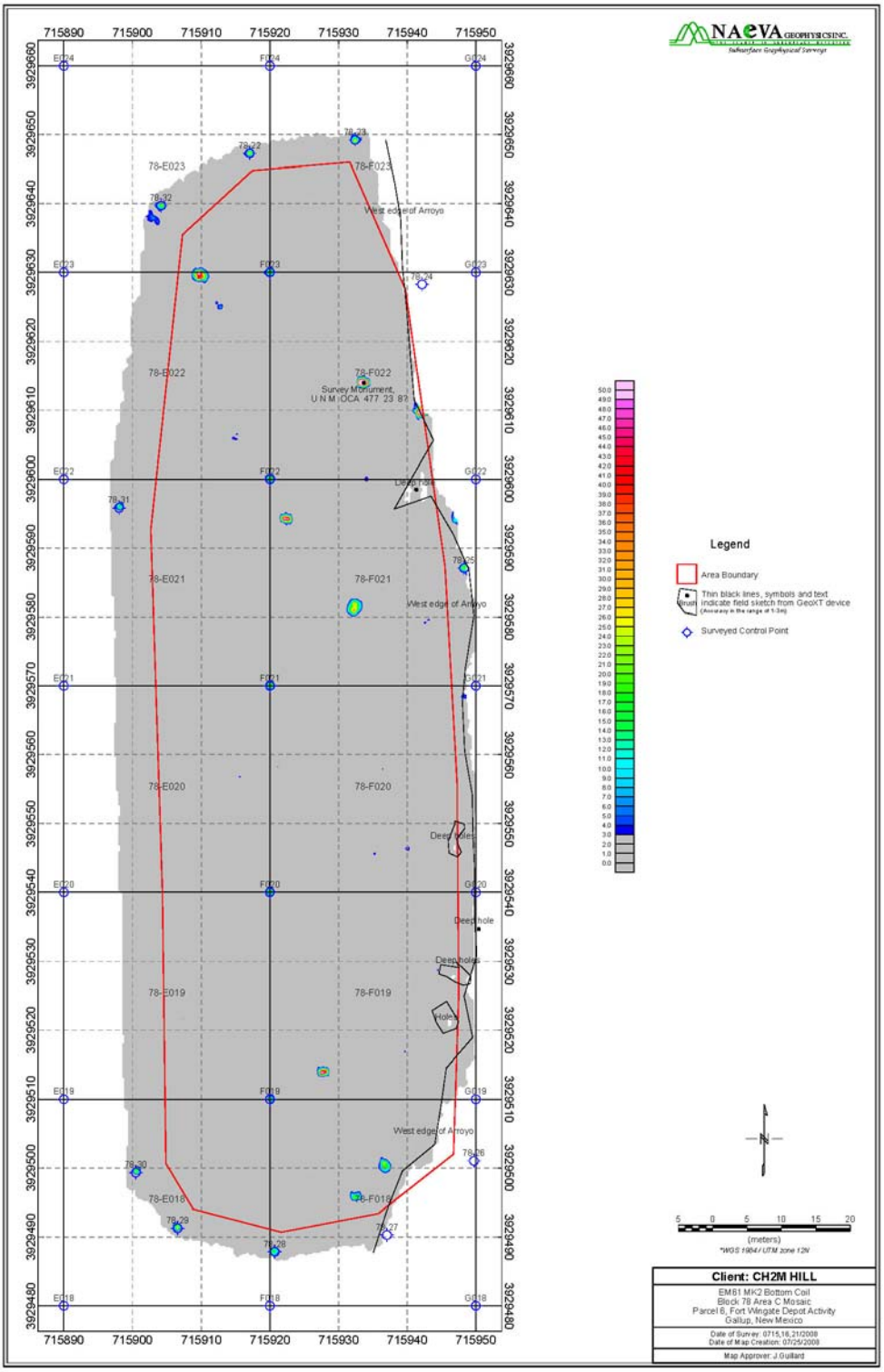

Figure 9: Color Contour Map of EM data, Area C

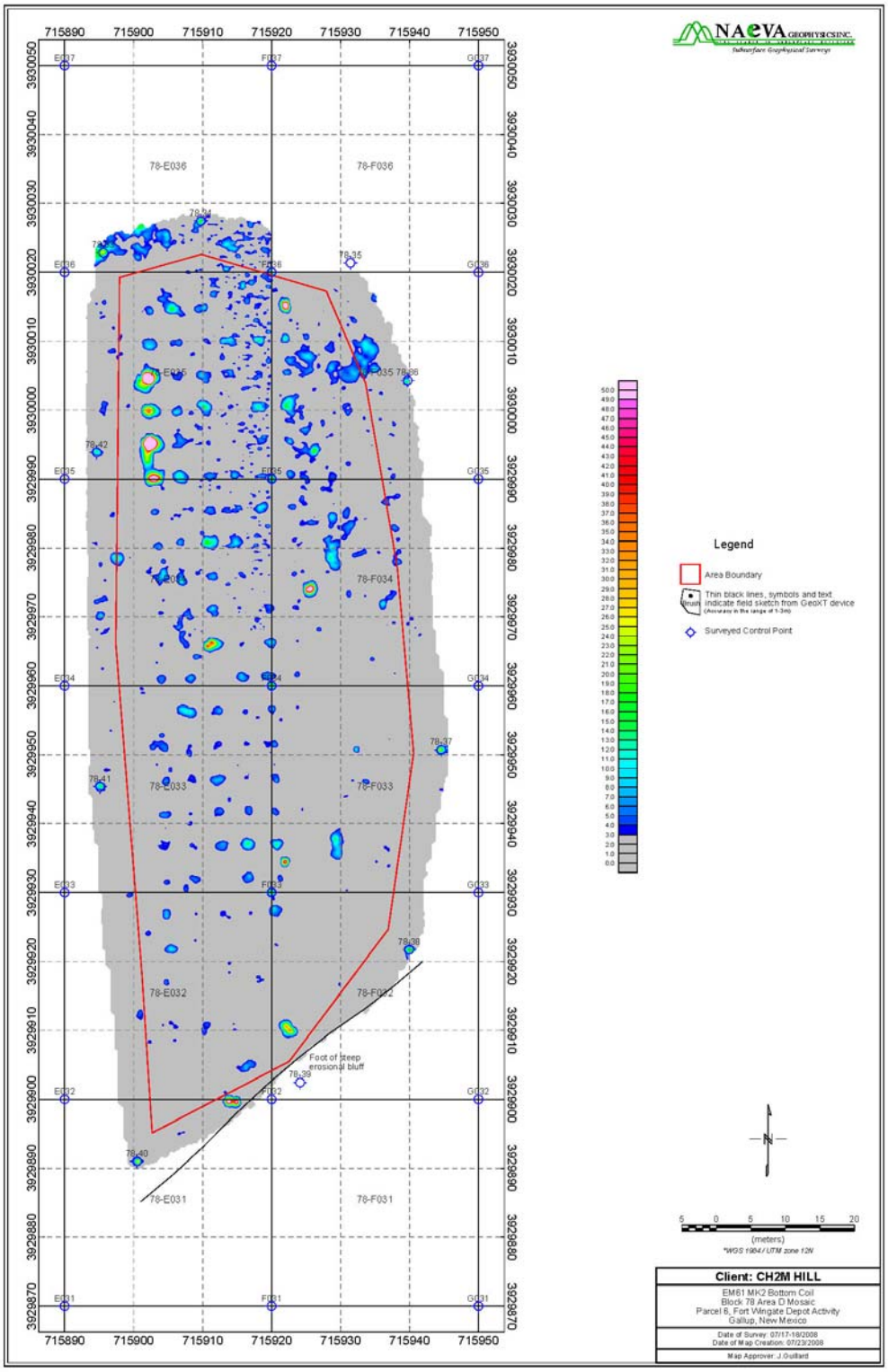

Figure 10: Color Contour Map of EM data, Area D

The results from the DGM survey at Area D are very similar to the responses seen at Area B, although the orientation of the grid pattern is slightly different. The grid nodes have the same separation as seen in Area B, however the long axis is oriented north-south versus east-west, as seen at Area B. Numerous other anomalies are apparent in the northern and northeastern portions of the survey area. Recent flooding had deposited silt, mud and debris in the northeastern portion of the survey grid, potentially containing metallic debris.

4.4.2 AOC 79

On the afternoon of Friday, July 18 2008 a thunderstorm dumped 3" of rain in approximately 2 hours in nearby Gallup, causing flooding in many areas. Flooding also occurred at Fort Wingate, affecting survey conditions in AOC 79. Mud approximately 6" thick was deposited over the southern and eastern portions of the DGM survey area in AOC 79. Several of the perimeter markers were swept away in this event, their locations recovered later by NAEVA using RTK GPS. Logs, sticks, and other vegetative debris created piles of debris in the eastern portion of AOC 79. Some man-made refuse was also observed in the flood debris, including metallic objects.

DGM was initiated on Monday, July 21 in AOC 79, and completed on July 25, 2008. Work began on the western side of the area, progressing eastward. Mud from the storm on Friday created difficult survey conditions, particularly in the eastern portion of the area. Afternoon thunderstorms continued the week of July 21-25, forcing the survey team to leave early on two days due to approaching lightning.

No surface culture or munitions were observed in AOC 79. As in AOC 78, occasional bits of metal scrap were observed on the surface. If these metal items were found during the grid setup, the crew removed them from the survey area. Any metal observed while collecting data was left on the ground surface.

The DGM survey results for AOC 79 are shown in Figure 11. A grid pattern identical to that observed in Areas B and D in AOC 78 lies in the central portion of AOC 79. Numerous anomalies occur in the northwestern portion of the survey area also, northwest of the grid pattern. Several straight lines can be observed in this area, some oriented east-west, and two which form a right angle, one oriented southeast-northwest, and the other southwest-northeast. One linear anomaly in the eastern portion of the survey area coincides with a linear depression.

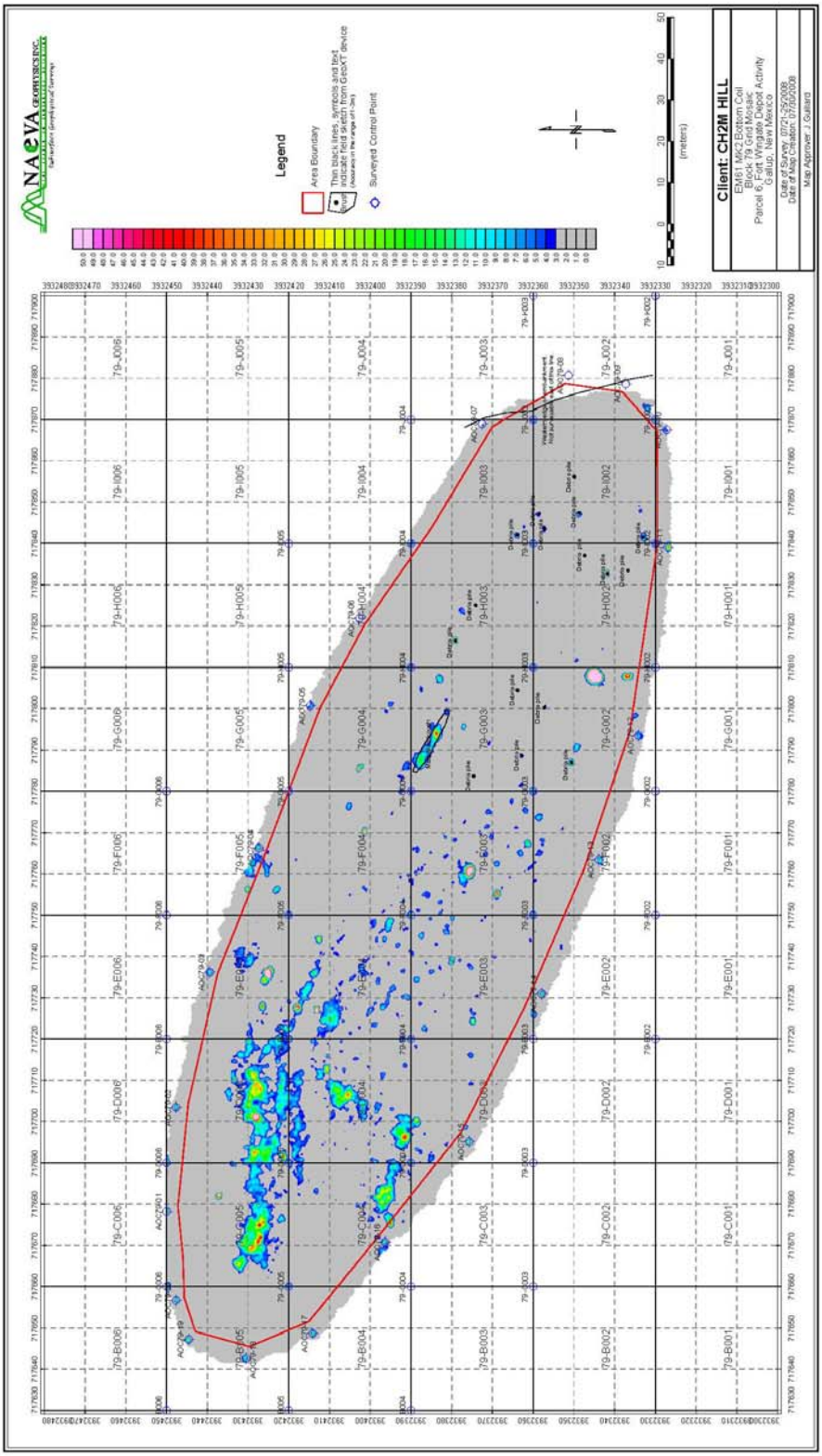

Figure 11: Color Contour Map of EM data, AOC 79 s

1

5.0 QUALITY CONTROL DATA

To establish confidence in the data reliability, Quality Control (QC) tests were conducted throughout the project. Tests were conducted prior to, during, and after all data collection sessions. All QC tests for the EM61-MK2 were conducted after a minimum 15 minute warm-up period for the electronics. The QC test procedures are described in Section 5.1.

5.1 QC Test Descriptions and Acceptance Criteria

The QC procedures were performed and documented during the data collection process and reviewed by a qualified geophysicist. Tests 1-5 were performed daily, and reviewed by a geophysicist on a daily basis. Tests 6 and 7 were conducted only during the GPO, prior to the start of production mapping.

GPS Quality: Positioning accuracy of the geophysical data was demonstrated by testing the GPS equipment over one or more known points. The accuracy of the data positioning was evaluated by comparing NAEVA's point coordinates with the coordinates provided by the professional land surveying team. The project DQO's called for the positions to be within 4 inches. The sensor position test was conducted prior to starting DGM surveying each workday. Errors noted in the positioning were less than 4 inches each day, with typical errors on the order of 1-2 inches.

Personnel Test: This test checks the response of instruments to personnel and their clothing/proximity to the system. Each morning, prior to production surveying, DGM personnel check for any instrument response that might indicate metal on their person. The response was monitored in the field for immediate corrective action and also recorded, for later transmission back to a processor. The data were analyzed and checked for spikes that can possibly create false anomalies.

Cable Shake Test: Each morning, prior to production surveying, data were collected while the EM coil was held in a stationary position, and each of the cables were shaken, one at a time. The response was monitored in the field for immediate corrective action, transmitted back to a processor, analyzed, and checked for spikes in the data that can possibly create false anomalies.

Static Background and Static Spike: Static tests were performed by positioning the survey equipment within or near the survey boundaries in an area free of metallic response and collecting data for a 3-minute period. During this time, the instrument was held in a fixed position through the use of a PVC pipe stand. The static tests consisted of one minute without a spike (known standard), one minute with a spike (a wood board fitted to the top coil with a bolt secured through the center), and then one minute without a spike. The purpose of the static test is to determine whether unusual levels of instrument or ambient noise exist, and to ensure consistent response to the spike item. The static background and static spike test were conducted at the beginning and end of each grid block.

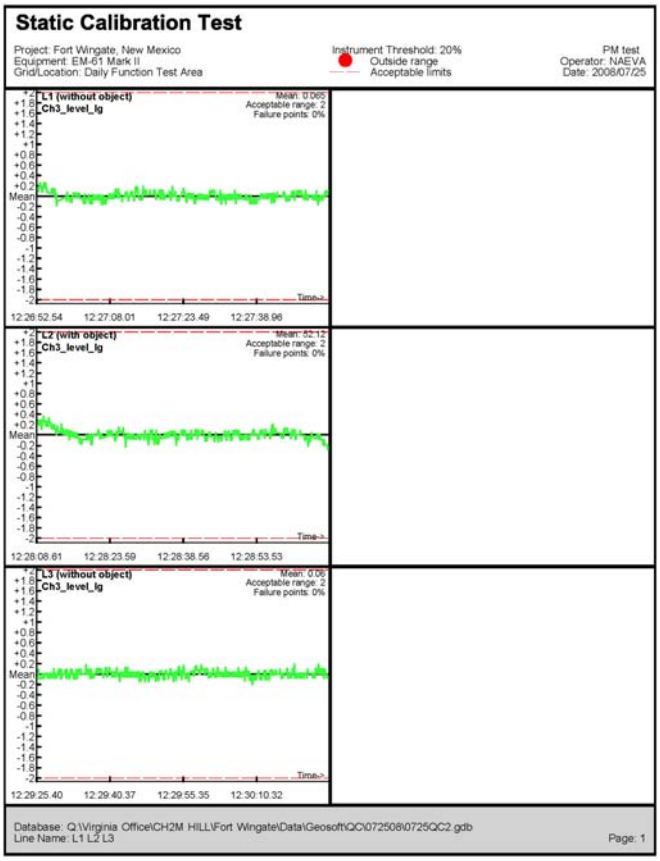

Figure 11: Example of Static Background/Spike Test

Repeat Data: This test is performed to verify repeatability of the data and was performed after the initial survey over an area. At least 2% of the survey lines were repeated and evaluated for consistency.

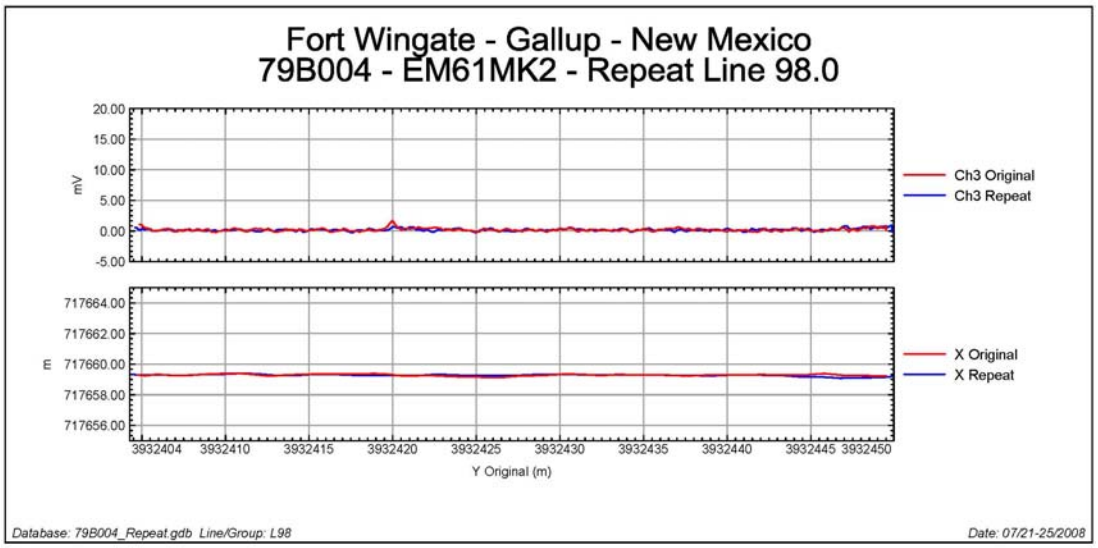

Figure12: Example of Repeat Line data and track map

Latency Test: A 50 foot long single survey line was established in a convenient location on the western edge of the GPO, with a test item placed at the center (25'). A line of data was collected while travelling north, then again travelling south. These data were used to evaluate the latency that should be applied to data to eliminate "herringbone" effects. This test was performed in the GPO, and also for several days in the production work at AOC 78, Area A.

7. Six Line Test: On the western boundary of the GPO, a 50 foot long line was marked for use in this test. The line was traversed a total of six times as follows: 1) normal data collection speed (travelling north) without a spike at the center point; 2) normal data collection speed (travelling south) without a spike at the center point; 3) normal data collection speed (travelling north) with a spike at the center point; 4) normal data collection speed (travelling south) with a spike at the center point; 5) fast data collection speed (travelling north) with a spike at the center point; 6) slow data collection speed (travelling south) with a spike at the center point (speed of data collection was also evaluated as part of the GPO analysis process.) This test was conducted only one time, at the beginning of the project.

5.2 QC Test Results

QC data were evaluated using Geosoft's QA/QC software. Static, cable shake, and personnel test profiles were plotted with an acceptance criterion of ± 2 mV from the mean. Any readings outside this range were flagged on the profiles and an associated failure percentage was reported. The following provides a summary of the QC results:

1. **GPS QC:** All daily checks of GPS accuracy were within 4 inches (10 cm) and were recorded in the GeoXT hand-held data logger.
2. **Personnel Test:** No deviation from background response was observed.
3. **Cable Shake Test:** No spikes were observed in any of the tests.
4. **Static Background / Spike Test:** All static and spike tests were within acceptance criteria; stable, repeatable, and without spikes.
5. **Latency Test:** Latency tests were plotted showing the line path and gridded response. A comparison of tests shows that response amplitudes are consistent and test item positions are accurate.
6. **Repeat Data:** Repeat lines showed acceptable qualitative repeatability.
7. **Six Line Test:** Latency corrected profiles were plotted to evaluate the effect of movement speed on response repeatability and positioning accuracy. Both amplitude and positioning were within tolerance.

6.0 CONCLUSIONS

DGM surveying at Fort Wingate successfully mapped a total of 9.85 acres in AOC 78 and AOC 79. In the AOC 78, Area A and C survey data, very few anomalies appear other than those associated with the survey grid markers (steel nails). In the remaining survey areas, a grid pattern is revealed in the geophysical data, as a result of historical use of the sites. The grid pattern is consistent between the sites, but differs in outside dimensions and orientation. The distance between nodes (anomalies forming the grid pattern) is generally on the order of 4-5 meters (m). Scrap metal was observed in a few places in each of the survey sites, despite attempts to remove scrap prior to collecting data.

In AOC 78, Area A was found to be very clean, with only 5 significant anomalies (excluding survey nails). Area B displays a grid pattern as described above, covering an area roughly 85 m

wide (E-W), and 20 m in height (N-S). The color contour map for Area C looks much like Area A, with only a few scattered anomalies. Area D shows a grid pattern in an area covering roughly 100 m (N-S) by 20 m (E-W). Anomalies indicating subsurface metal occur outside of the grid pattern as well, especially in the northern and northeastern portions of the survey area.

For AOC 79, several areas contain anomalies that show geometric patterns. A grid pattern is evident in the central portion of the survey area, with the long axis tilted to the southeast-northwest. An area approximately 80 m by 25 m houses this grid pattern. In the northwest (Grids 79-G005 and 79-D005) an east-west oriented band of anomalous response is mapped. South of this feature (Grids 79-C004 and 79-D004) anomalies form a pattern defining a right angle. Numerous other isolated anomalies occur in AOC 79, including one that corresponds to a shallow ditch in Grid 79-G003.

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Appendix M
Geophysical Anomalies Investigation Report

Final

Geophysical Anomalies Investigation Report

Parcel 6

Fort Wingate Depot Activity
McKinley County, New Mexico

23 February 2009

Contract No. GS-10F-0029M
Contract Task Order No. W9126G-08-F-0070

Prepared for
U.S. Army Corps of Engineers
Fort Worth District

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FORT WINGATE DEPOT ACTIVITY
MCKINLEY COUNTY, NEW MEXICO

FINAL
GEOPHYSICAL ANOMALIES INVESTIGATION REPORT
PARCEL 6

February 2009

Prepared for

U.S. Army Corps of Engineers
Fort Worth District
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Fort Worth, TX 76102

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13. ABSTRACT (Maximum 200 words)

This report summarizes intrusive investigation activities which were completed to characterize geophysical anomalies detected during the July 2008 digital geophysical mapping completed at Areas of Concern 78/82 and 79 within Parcel 6 at Fort Wingate Depot Activity, New Mexico.

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_____

Steve Martin
USACE Project Manager

PREFACE

This Geophysical Anomalies Investigation Report describes field activities that were conducted at Areas of Concern (AOCs) 78/82 and 79 within Parcel 6 at Fort Wingate Depot Activity (FWDA), New Mexico. This work plan addresses the requirements of the U.S. Army Corps of Engineers (USACE) Statement of Work (SOW) dated July 12, 2008, and revised on August 5, 2008.

This Geophysical Anomalies Investigation Report was prepared by CH2M HILL in February 2009. Mr. Mark Patterson served as the FWDA Defense Base Realignment and Closure (BRAC) Environmental Director and Mr. Steve Martin served as the USACE Project Manager.

Amy R. Halloran, P.E.
CH2M HILL Vice President

Jeffrey W. Johnston
CH2M HILL Project Manager

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Acronyms and Abbreviations

AOC	Area of Concern
BRAC	Defense Base Realignment and Closure
DGM	digital geophysical mapping
DGPS	differential global positioning system
FWDA	Fort Wingate Depot Activity
HSP	Health and Safety Plan
MEC	munitions and explosives of concern
MPPEH	material potentially presenting an explosive hazard
PVC	polyvinyl chloride
QC	quality control
RCRA	*Resource Conservation and Recovery Act*
RFI	RCRA Facility Investigation
RTK	real-time kinematic
SOW	Statement of Work
SUXOS	Senior Unexploded Ordnance Supervisor
USACE	U.S. Army Corps of Engineers
UXB	UXB International, Inc.
UXO	unexploded ordnance

1.0 Introduction

Digital geophysical mapping (DGM) surveys were performed in July 2008 to identify geophysical anomalies at Areas of Concern (AOCs) 78/82 and 79 within Parcel 6 at Fort Wingate Depot Activity (FWDA). The location of FWDA and Parcel 6 are shown in Figure 1-1. The four AOC 78/82 sub-areas (denoted A through D for reporting purposes) and AOC 79 are shown in Figure 1-2.

The July 2008 DGM surveys indicated that metallic anomalies were present below the ground surface at AOCs 78/82 and 79. Results of the DGM surveys were reported in the Geophysical Investigation Report, which was included as an appendix to the *Resource Conservation and Recovery Act* (RCRA) Facility Investigation (RFI) Work Plan for Parcel 6 (CH2M HILL, 2008a). This Geophysical Anomalies Investigation Report summarizes intrusive investigation activities completed from November 17 to 20, 2008. This work was completed to determine the sources of the geophysical anomalies identified during the July 2008 DGM surveys and was performed as described in the Geophysical Anomalies Intrusive Investigation Work Plan (CH2M HILL, 2008b).

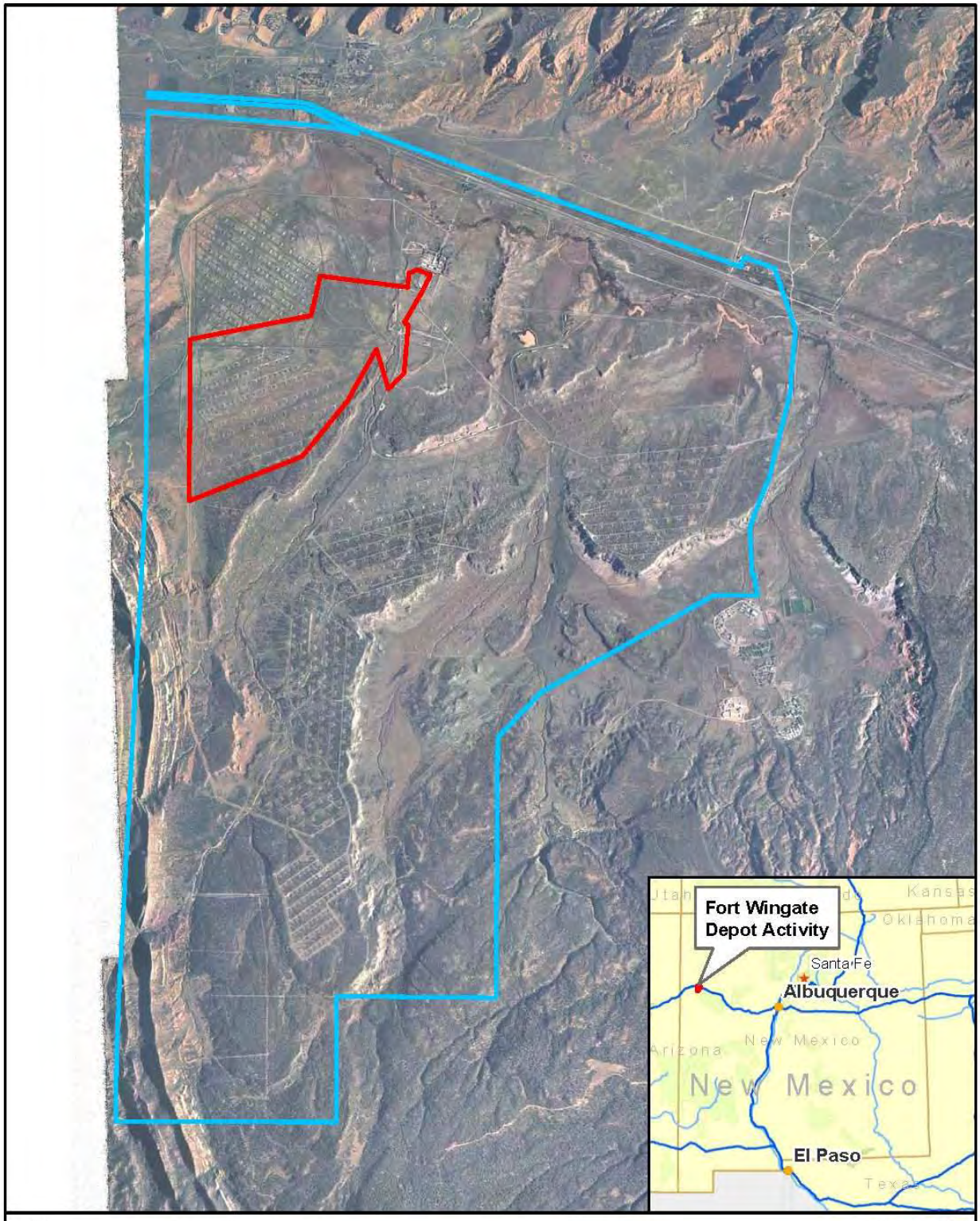

Figure 1-1

Site Location Map for Parcel 6
Fort Wingate Depot Activity, New Mexico

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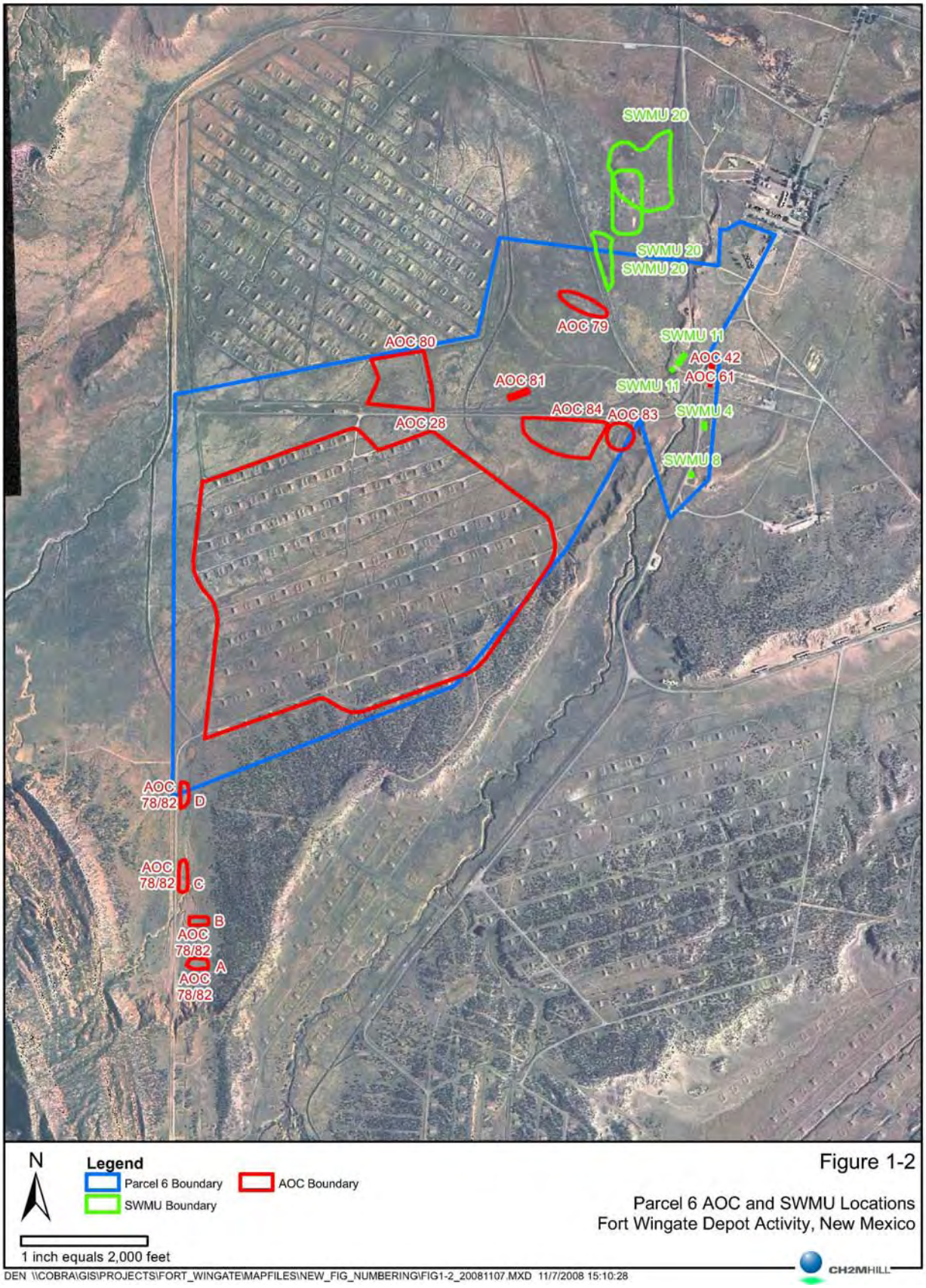
SWMU 20
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Parcel 6 Boundary
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1 inch equals 2,000 feet
Figure 1-2
Parcel 6 AOC and SWMU Locations
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2.0 Summary of Investigation Activities

Geophysical anomalies were detected during the July 2008 DGM surveys as shown in Figures 2-1 to 2-5, which are provided at the end of this section. Intrusive investigation of selected representative geophysical anomalies was conducted from November 17 to 20, 2008, to evaluate the nature of the sources of the anomalies. Based on the known operational history of the investigation areas, this was not treated as a munitions and explosives of concern (MEC) investigation. However, MEC or material potentially presenting an explosive hazard (MPPEH) had the potential to be present in the project area because the site is a former military facility. Therefore, MEC investigation procedures were followed as a precaution.

UXB International, Inc (UXB) was the intrusive investigation subcontractor for this work. UXB prepared an investigation summary report, which is provided as Appendix A.

2.1 Project Personnel

CH2M HILL provided one safety coordinator and one senior unexploded ordnance supervisor (SUXOS) to perform oversight of UXB, the intrusive investigation subcontractor. UXB provided a minimum of one unexploded ordnance (UXO) Technician III and two UXO Technician II(s) during all intrusive work. Navajo and Zuni Tribal representatives were present during the investigation activities to monitor for cultural resources disturbance.

2.2 Intrusive Investigation Operations

2.2.1 Health and Safety Meetings

Prior to beginning work, a kickoff and site safety meeting was conducted at the FWDA contractor field office. This meeting was attended by the U.S. Army Corps of Engineers (USACE) Project Manager and all CH2M HILL, UXB, and Tribal members involved in the investigation activities. This meeting included a review of the Geophysical Anomalies Intrusive Investigation Work Plan (CH2M HILL, 2008b) and review and acknowledgment of the Health and Safety Plan (HSP) by all site personnel. Additional health and safety tailgate meetings occurred prior to the start of work for each work day.

2.2.2 Anomaly Reacquisition/Intrusive Investigation

Anomaly reacquisition and intrusive investigation were the only techniques employed during the intrusive investigation operations at the site. Intrusive investigation was performed using hand excavation procedures to identify the source of individual anomalies following reacquisition operations.

All geophysical anomalies identified for excavation were reacquired by an intrusive investigation team, comprised of UXO technicians, to an exact location using a real-time kinematic (RTK) differential global positioning system (DGPS). This work was completed from November 17 to 18, 2008. The location of each anomaly was marked with a

non-metallic, labeled, polyvinyl chloride (PVC) surveyor's flag, which was placed 1 foot north of the actual field location of each reacquired anomaly.

Excavation of individual geophysical anomalies was performed by qualified UXO technicians using hand-excavation tools. Small hand tools such as shovels, spades, trowels, and pry bars were used to access the anomalies. The UXB team performing this work was composed of one UXO Technician III and two UXO Technician II(s). CH2M HILL provided a SUXOS to provide oversight of the UXB investigation team. Intrusive investigation work was completed from November 17 to 20, 2008.

The basic technique used for anomaly excavation was as follows:

- The investigation team investigated within a 1-meter radius of the flagged anomaly with a Schondstedt 52cx underground magnetic locator and a White's all-metals detector.
- The geophysical anomalies were all assumed to be building debris based on the known operational history of AOCs 78/82 and 79. However, until identified otherwise, the anomaly was treated as MEC as a precaution. Excavation was initiated adjacent to the subsurface anomaly. The excavation continued until the excavated area had reached a depth below the top of the anomaly as determined by frequent inspection with a Schondstedt 52cx underground magnetic locator and a White's all-metals detector.
- Using progressively smaller and more delicate tools to remove the soil carefully, the excavation team expanded the sidewall to expose the metallic item for inspection and identification without moving or disturbing the item.
- The investigation team then determined the nature of the item is once it had been exposed for inspection and recorded the findings in the dig sheet, which is provided in Appendix A.
- The CH2M HILL safety coordinator photographed each anomaly location and the excavated anomaly source. All anomalies were described in a field reconnaissance log, which was used as additional documentation of the intrusive activities. The photographic log is presented in Appendix B and the field reconnaissance log forms are presented in Appendix C.

2.3 Investigation Results

The individual anomaly locations and recovered anomaly sources are documented in the photographic log and field reconnaissance log forms, which are provided as Appendices B and C, respectively. All anomalies were determined to be metallic scrap debris and not MEC related. The scrap debris recovered were predominantly nails with minor amounts of other metallic scrap such as angle iron, metal banding, and bailing wire. The metallic scrap recovered is consistent with the known operational history of these sites, which was temporary open storage of munitions. The anomaly locations and metallic scrap recovered are believed to be remnants or debris from the former open storage structures that were removed in the 1960s.

2.4 Quality Control

Quality control (QC) of geophysical and positioning instruments was performed according to the project Quality Control Plan as described in the Geophysical Anomalies Intrusive Investigation Work Plan (CH2M HILL, 2008b).

Quality control of the intrusive investigation activities was completed by evaluating the intrusive results at the locations of QC seeds that were planted to evaluate the DGM results. The locations of these QC seeds remained unknown to the intrusive investigation subcontractor. All QC seeds were located and recovered by UXB.

2.5 Site Restoration

Following the intrusive investigation activities, the anomaly sources were removed and disposed of at a FWDA trash receptacle, as all items recovered were determined to be metallic scrap and not MEC related. The soil removed at each anomaly location was returned to its respective excavated area. Demobilization occurred after the investigation and site restoration activities were complete.

FIGURE 2-1
Geophysical Anomalies Detected at AOC 78-A

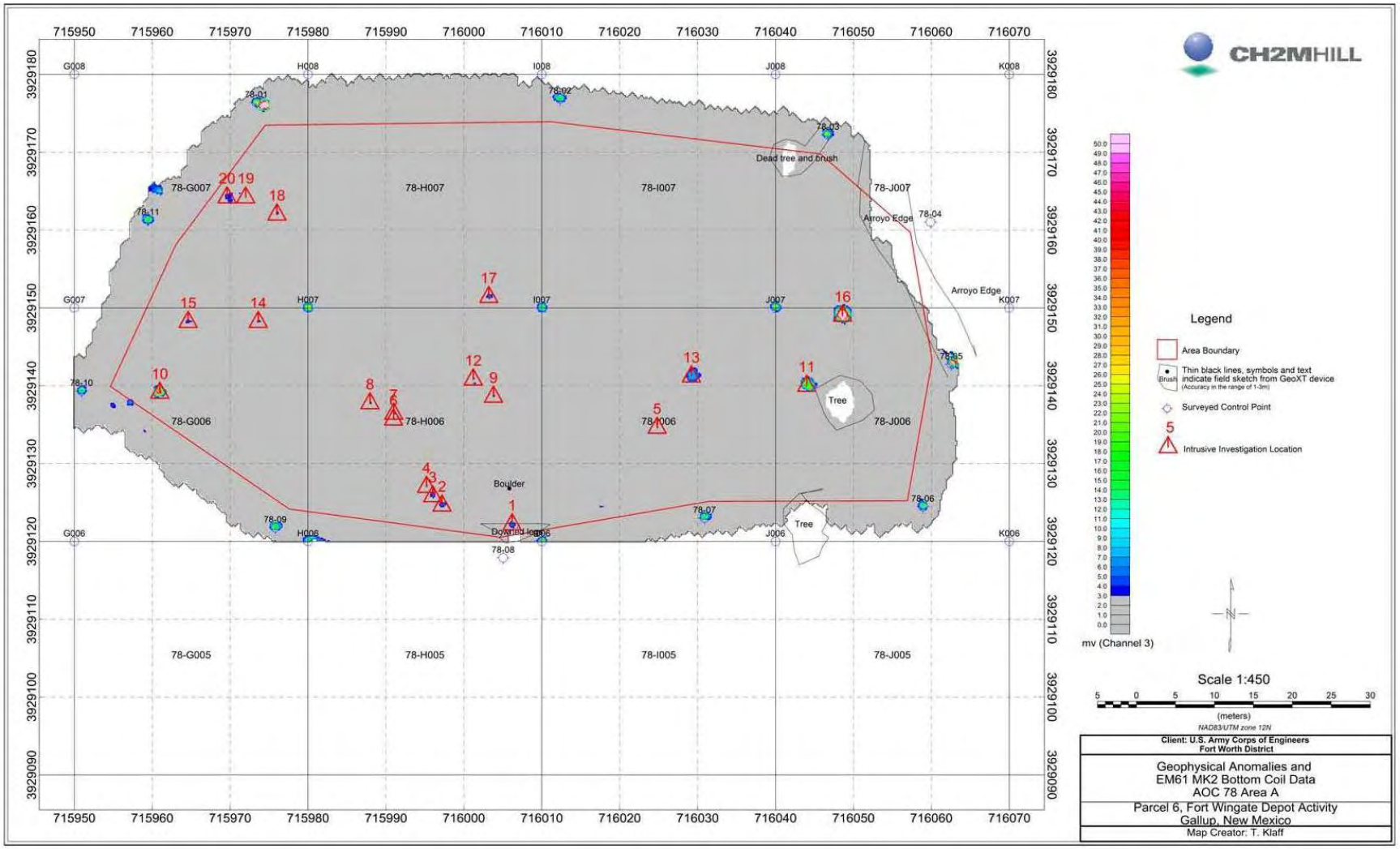


FIGURE 2-2
Geophysical Anomalies Detected at AOC 78-B

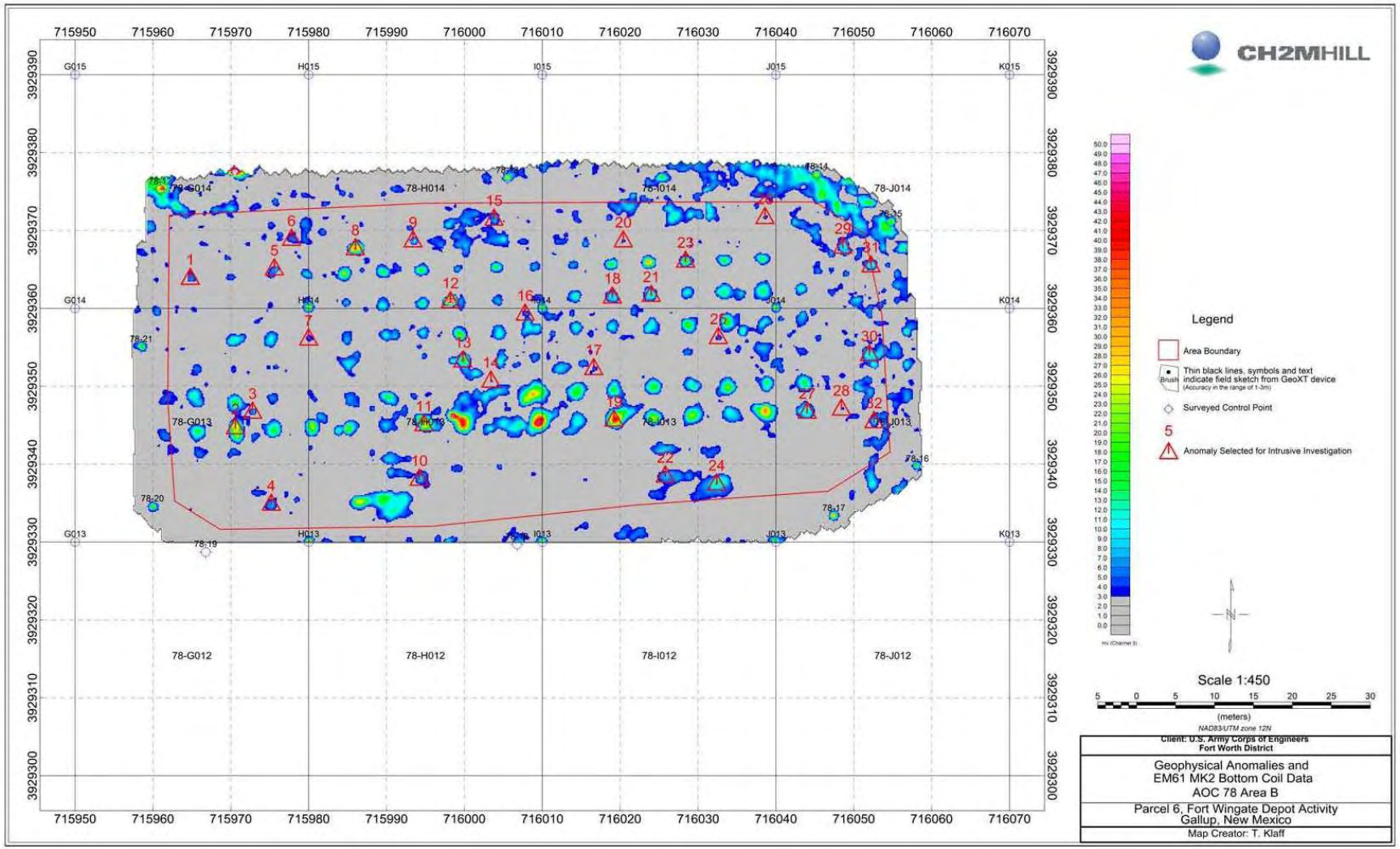


FIGURE 2-3
Geophysical Anomalies Detected at AOC 78-C

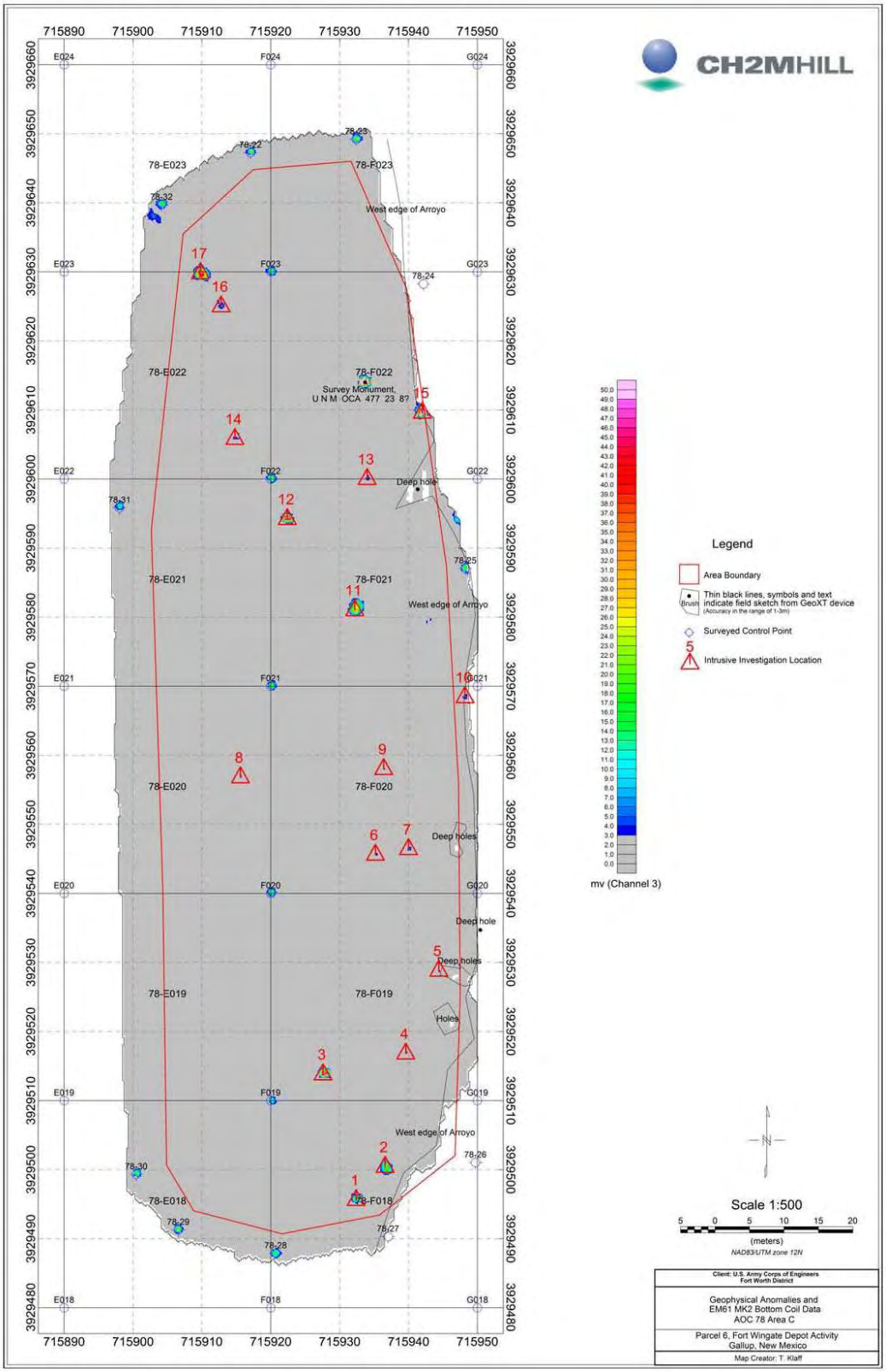


FIGURE 2-4
Geophysical Anomalies Detected at AOC 78-D

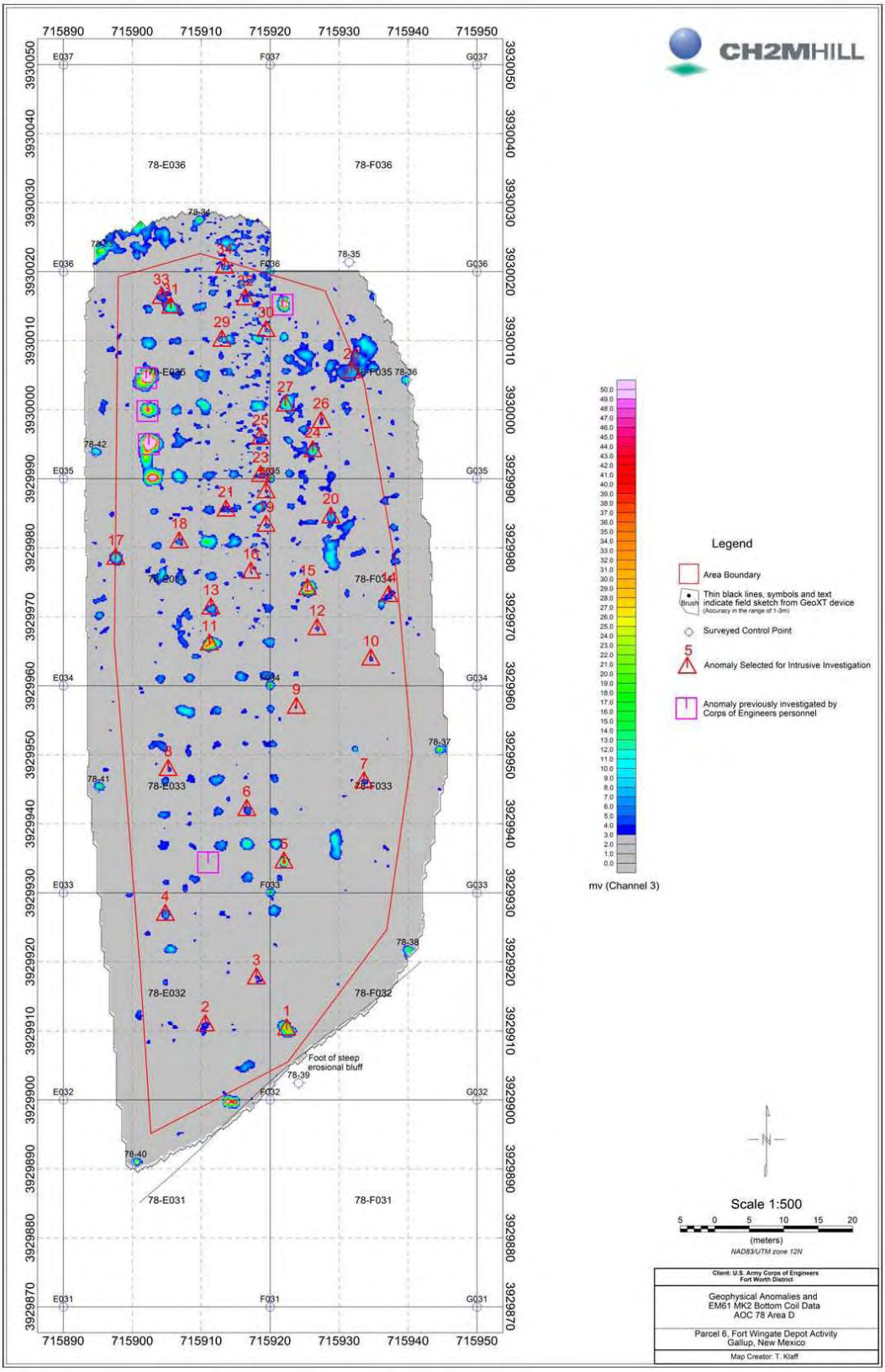
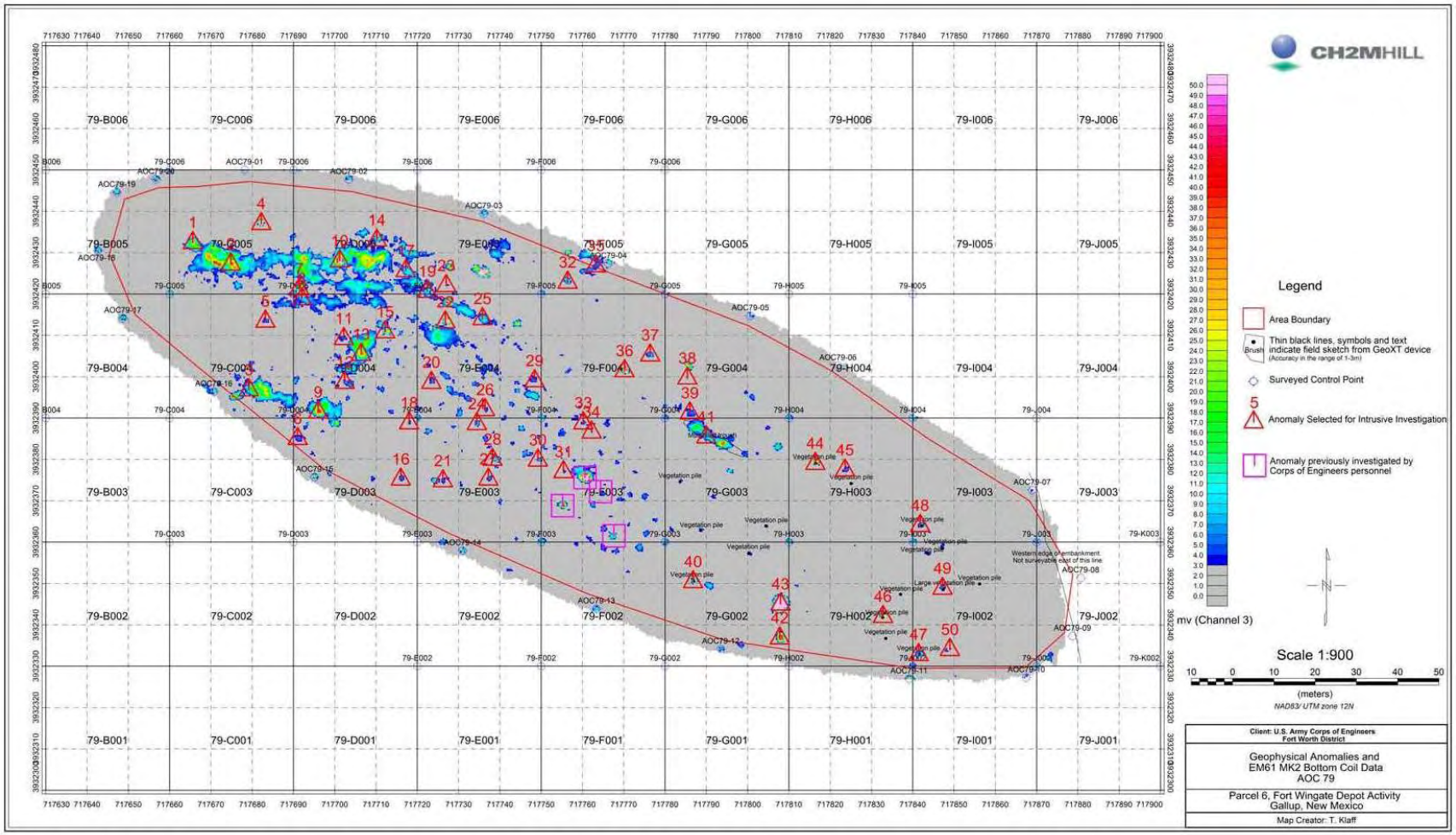


FIGURE 2-5
Geophysical Anomalies Detected at AOC 79



3.0 References

CH2M HILL, 2008a. *Tribal Draft RCRA Facility Investigation Work Plan for Parcel 6, Fort Wingate Depot Activity, New Mexico*. 24 October 2008.

CH2M HILL, 2008b. *Final Geophysical Anomalies Intrusive Investigation Work Plan for Parcel 6, Fort Wingate Depot Activity, New Mexico*. 10 November 2008.

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Appendix A
UXB Draft Report,
Geophysical Anomalies Investigation

Draft Report
Geophysical Anomalies Investigation
Parcel 6

Fort Wingate Depot Activity
McKinley County, New Mexico

Contract No. GS-10F-0029M
Contract Task Order No. W9126G-08-F-0070

Prepared for

CH2MHILL

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APPENDICES

Appendix A ..... Anomaly Investigation Results
Appendix B ..... Safety Meeting Attendance Sheets
Appendix C ..... UXB Team Leader's Log

ACRONYM LIST

AOC ..... Areas of Concern
BRAC ..... Base Realignment and Closure
FWDA ..... Fort Wingate Depot Activity
FCC ..... Federal Communications Commission
FWDA ..... Fort Wingate Depot Activity
DGM ..... Digital Geophysical Mapping
DOD ..... Department of Defense
MD ..... Munitions Debris
MEC ..... Munitions and Explosives of Concern
NGS ..... National Geodetic Survey
OB/OD ..... Open Burning/Open Detonation
QC ..... Quality Control
RCRA ..... Resource Conservation and Recovery Act
RFI ..... RCRA Facility Investigation
RTK-GPS ..... Real Time Kinematics Global Positioning System
SOP ..... Standard Operating Procedure
SUXOS ..... Senior UXO Supervisor
TEAD ..... Tooele Army Depot
TNT ..... Trinitrotoluene
USACE ..... United States Army Corps of Engineers
WSMR ..... White Sands Missile Range

1.1 Introduction

This Geophysical Anomalies Final Report describes the results of field activities at Areas of Concern (AOC) 78/82 and 79 within Parcel 6 at Fort Wingate Depot Activity (FDWA), New Mexico. This final report addresses the requirements of the US Army Corps of Engineers (USACE) Statement of Work dated July 12, 2008, and revised on August 5, 2008.

1.2 Background

Digital geophysical mapping (DGM) surveys were performed in July 2008 to identify geophysical anomalies at AOCs 78/82 and 79 within Parcel 6 at FWDA. Results of the DGM surveys were reported in a Geophysical Investigation Report included as an appendix to the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Work Plan for Parcel 6 (CH2M HILL, 2008).

The location of FWDA and Parcel 6 are shown in Figure 1-1. The four AOC 78/82 sub-areas (denoted A through D for reporting purposes) and AOC 79 are shown in Figure 1-2.

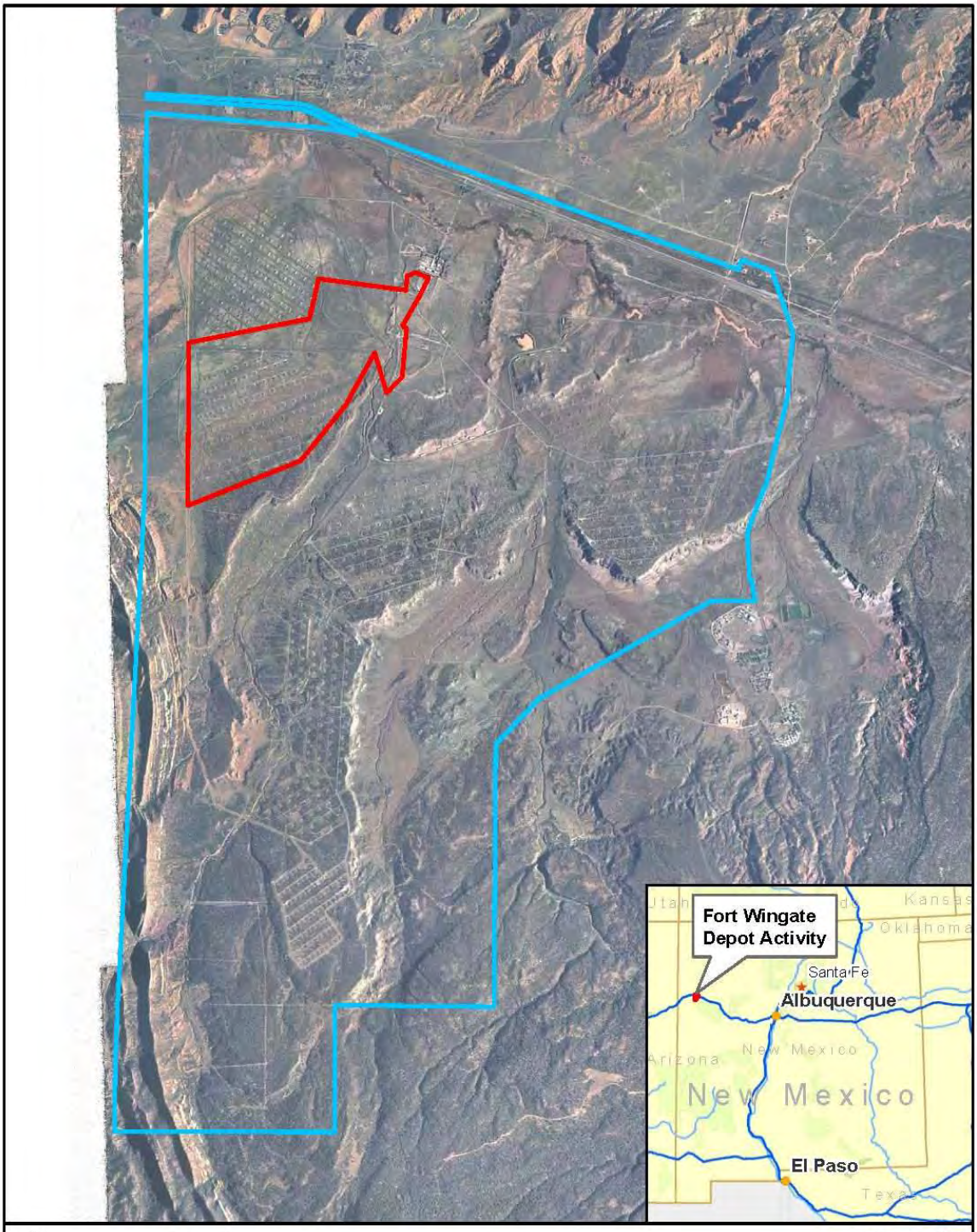

Figure 1-1

Site Location Map for Parcel 6
Fort Wingate Depot Activity, New Mexico

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CH2MHILL

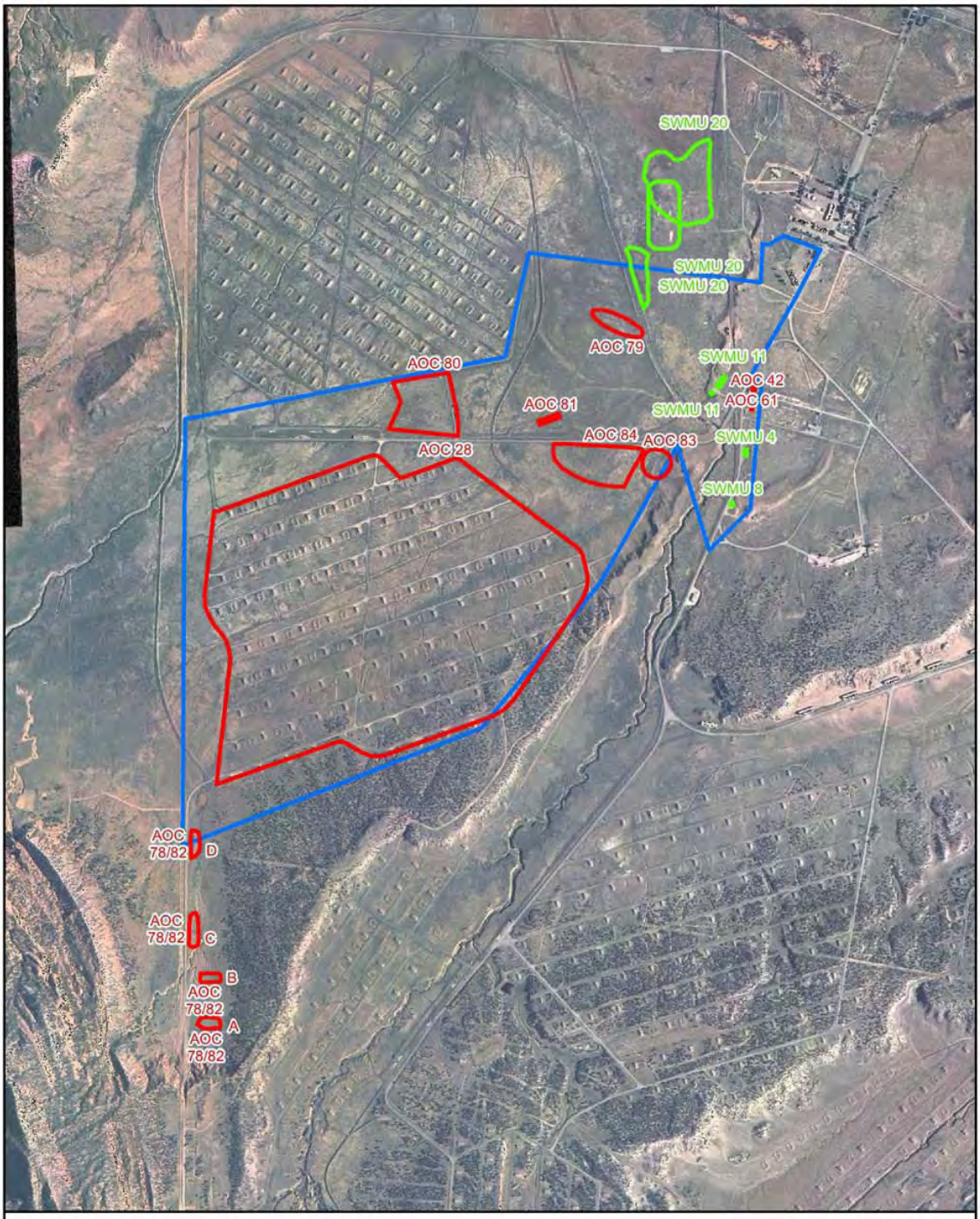

Figure 1-2

Parcel 6 AOC and SWMU Locations
Fort Wingate Depot Activity, New Mexico

DEN \\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\NEW_FIG_NUMBERING\FIG1-2_20081107.MXD 11/7/2008 15:10:28

CH2MHILL

2.1 Project Objectives

The primary objective of the intrusive investigations was to determine and safely remove the sources responsible for the geophysical anomalies detected during the July 2008 DGM survey.

2.1.1 Report Scope and Organization

The primary scope of this report is to convey the results of the investigation of geophysical anomalies at Parcel 6. Field investigation activities occurred between 17 and 20 November 2008. The report describes methodology and dig results. Intrusive investigation results are included in Appendix A.

2.1.2 Site Location and Description

The FWDA installation is located approximately 8 miles east of Gallup, New Mexico, and currently occupies approximately 15,277 acres of land in McKinley County, New Mexico. The installation is almost entirely surrounded by federally owned or administered lands, including both national forest and tribal lands. The installation can be divided into several sub-areas based on their location and historical land use. The major land use areas include:

• The Administration Area – encompassing approximately 800 acres in the northern portion of the installation, which contains former office facilities, housing, equipment maintenance facilities, warehouse buildings, and utility support facilities;

• The Workshop Area – encompassing approximately 700 acres to the south of the Administration Area, which consists of an industrial area containing former ammunition maintenance and renovation facilities, the former trinitrotoluene (TNT) washout facility, and the TNT leach beds area;

• Ten Munitions Storage Areas (Igloo Blocks A through H, J, and K) – encompassing approximately 7,400 acres in the central portion of the installation, which consists of 732 earth covered igloos and 241 earthen revetments previously used for the storage of munitions;

• The Open Burning/Open Detonation (OB/OD) Area – encompassing approximately 1,800 acres in the west-central portion of the installation, which is separated into two sub-areas based on the period of operation, the Closed OB/OD Area and the Current OB/OD Area;

• Protection and Buffer Areas – encompassing approximately 4,050 acres located adjacent to the eastern, western, and northern installation boundaries, which consists of buffer zones surrounding the former magazine and demolition areas.

The FWDA installation was originally established by the U.S. Army in 1862 at the southern edge of the Navajo territory. In 1918, the mission of the FWDA changed from tribal issues to World War I-related activities. Beginning in 1940, the FWDA's mission was primarily to receive, store, maintain, and ship explosives and military munitions, as well as to disassemble and dispose of unserviceable or obsolete explosives and military munitions. In 1975, the installation came under the administrative command of Tooele Army Depot (TEAD), located near Salt Lake City, Utah.

In January 1993, the active mission of the FWDA was ceased and the installation closed as a result of the Defense Base Realignment and Closure Act of 1990 (BRAC). Beginning in 2002, the U.S. Army reassigned many FWDA functions to the BRAC Division, including caretaker duties, property transfer, and performance of environmental compliance and restoration activities. Command and control responsibilities were retained by TEAD until January 31, 2008, when these responsibilities were transferred to White Sands Missile Range (WSMR).

2.2 Methodology

2.2.1 Mobilization and Site Setup

Mobilization of project personnel occurred on Sunday, 16 November 2008. All UXB personnel drove to Gallup due to the lack of nearby commercial air service. Equipment needed for the project was mobilized via United Parcel Service with delivery to UXB's lodging prior to personnel arrival at said lodging.

Due to the brief nature of the project, there was no "site setup" required, per-se. However, on 14 November 2008, UXB survey personnel met with the WSMR and State of New Mexico Radio Frequency Coordinator to verify that the UXB's Federal Communications Commission (FCC) licensed frequencies were permitted and included in the Department of Defense (DOD) radio frequency deconfliction program for the area. The purpose of this meeting was to forestall any radio frequency conflicts that might occur between Real Time Kinematics Global Positioning System (RTK-GPS) radios. Unfortunately, two other groups were simultaneously surveying with RTK at FWDA and they had not pre-coordinated their activities with the local frequency coordinator, which resulted in conflicting use of the same frequencies. However, the conflict was easily resolved by one of the other survey groups manually changing frequencies to a "free" frequency.

Personnel met at the Fort Wingate Depot Activity field office where team radios were issued and a tailgate safety briefing was conducted. Additionally, during this meeting discussion occurred between the three surveyor groups to mutually determine which group would occupy the few specific available survey control points with their RTK-GPS base stations.

Delays caused by the conflict in RTK-GPS base station control point locations and radio frequencies were minimal. Pre-coordination of surveying schedules at the facility by the other survey groups would have eliminated the delay.

2.2.2 Intrusive Investigation

Prior to any intrusive activities beginning, the anomalies had to be reacquired using RTK-GPS. The RTK base station was set up over National Geodetic Survey (NGS) control point "Eric". Checks were made at stakes marking the angle points in each of the site boundaries to insure the coincidence of the control with previous survey work. Once that was checked, navigation to each anomaly commenced.

The work progressed from AOC 78/82 A through D, followed by AOC 79. All of the reacquisition by location was accomplished by the close of business on 18 November 2008.

The intrusive investigation progressed through the sites in the same sequence as the reacquisition. The Schondstedt 52cx was used as the primary means of pinpointing each anomaly and clearing the excavation. In the event that no ferrous contact was found, the White's all metals detector was used to find non-ferrous anomalies.

All geophysical anomalies identified for excavation were reacquired by an intrusive investigation team, comprised of UXO technicians, to an exact location using a RTK-GPS. The location was marked with a non-metallic, labeled, plastic surveyor's flag placed one foot north of the actual field location of each reacquired anomaly.

Excavation of individual geophysical anomalies was performed by qualified UXO technicians using hand-excavation tools. The UXO teams performing this work were composed of at least two UXO Technician II(s) supervised by a UXO Technician III. UXB International's Standard Operating Procedures (SOPs) were provided to CH2M HILL prior to the start of the project.

Small hand tools such as shovels, spades, trowels, and pry bars were used to access the anomalies. The basic technique used for anomaly excavation was as follows:

- The investigation team investigated greater than a 1-meter radius of the flagged anomaly with both the Schondstedt and White's instruments.
- The geophysical anomalies were assumed to be building debris based on the known operational history of AOC(s) 78/82 and 79. However, until identified otherwise, the anomaly was treated as munitions and explosives of concern (MEC) as a precaution. Excavation was initiated adjacent to the subsurface anomaly. The excavation continued until the excavated area reached a depth below the top of the anomaly as determined by frequent inspection using the instrument with which it was detected.
- Using progressively smaller and more delicate tools to remove the soil, the excavation team expanded the sidewalls to expose the metallic item for inspection and identification without moving or disturbing the item.
- The investigation team determined the nature of the item once it had been exposed for inspection. Each excavation unit was finally cleared using the White's all metals detector operated by the Senior UXO Supervisor (SUXOS).

None of the items were munitions debris (MD) or MEC, so the excavation team annotated the results of the excavation on the dig sheet and the item was left near the cleared excavation unit to be photographed and disposed of by the CH2M HILL representative. The CH2M HILL representative compiled a photographic log of excavation locations and each anomaly dig results.

2.2.3 Scrap and Munitions Debris, MEC Disposition

No MD or MEC were recovered during this project. Custody of scrap was assumed by CH2M HILL's representative, for disposal.

2.2.4 Quality Control

Quality control (QC) of geophysical and positioning instruments was performed. Quality control of the intrusive investigation activities was completed by evaluating the intrusive results at the locations of QC seeds that were planted to evaluate the DGM results.

2.2.5 Site Restoration

All excavations were performed using small hand tools, thereby minimizing potential damage to the terrain or potential subsurface cultural resources, flora or fauna. All vehicular traffic was restricted to roadways. As a result, site restoration was accomplished by merely backfilling the excavation units. This was accomplished by a CH2M HILL representative.

2.2.6 Demobilization

UXB personnel demobilized on 21 November 2008. Equipment was shipped to another nearby UXB jobsite.

2.3 Results

2.3.1 Intrusive Investigations

All anomalies investigated were considered non-MD, and non-MEC. Appendix A provides the result of the investigation.

2.3.2 Quality Control

- Checks were made at stakes marking the angle points in each of the site boundaries to insure the coincidence of the control with previous survey work.
- The investigation team investigated greater than a 1-meter radius of the flagged anomaly with both the Schondstedt and White's instruments.
- Each excavation unit was finally cleared using the White's all metals detector, operated by CH2M HILL's representative.
- All seed items were located.
- There were no negative contacts.

2.4 Site Restoration

All excavations were performed using small hand tools, thereby minimizing potential damage to the terrain or potential subsurface cultural resources, flora or fauna. All vehicular traffic was restricted to roadways. As a result, site restoration was accomplished by merely backfilling the excavation units. This was accomplished by CH2M HILL's representative.

3.0 References

- National Contingency Plan, 40 CFR 300.
- Federal Acquisition Regulation, F.A.R. Clause 52.236-13: Accident Prevention.
- Army Corps of Engineers Safety and Health Requirements Manual, EM-385-1-1, 3 November 2003
- Army Corps of Engineers, ER-385-1-92, Appendix B, Safety and Occupational Health Document Requirements for Hazardous Toxic and Radioactive Waste (HTRW) and Ordnance and Explosive Waste (OE) Activities, 1 Sep 2000.
- Occupational Safety and Health Administration (OSHA) General Industry Standards, 29 SFR 1910 and Construction Industry Standards, 29 CFR 1926; especially 1910. 120/29CFR1926.65-Hazardous Waste Site Operations and Emergency Response.
- NIOSH/OSHA/USCG/EPA, Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, October 1985. DHHS (NIOSH) Publication No. 85-95).
- EM 1110-1-4009, Engineering and Design-Ordnance and Explosives Response, 23 June 2000
- DOD Regulation 6055.9 STD DOD Ammunition and Explosive Safety Standards.
- DA Pam and AR 385-64 Ammunition and Explosive Safety Standards.
- ER 1110-1-12 Quality Management, 1 June 1993
- Final Work Plan Geophysical Anomalies Investigation Parcel 6, Fort Wingate Depot Activity
- McKinley County, New Mexico CH2MHill, Contract No. GS-10F-0029M
- Task Order W9126G-08-F-0070

Appendices

Appendix A ..... Anomaly Investigation Results
Appendix B ..... Safety Meeting Attendance Sheets
Appendix C ..... UXB Team Leader's Log

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
78A-1	716006.2	3929122.2	6.7	4" Nails	2	1	12	11/17/08	MAS
78A-2	715997.2	3929124.6	6.2	3" Nail	11	0.5	3	11/17/08	MAS
78A-3	715996	3929125.8	7.1	3" Nail	1	0.5	0	11/17/08	MAS
78A-4	715995.2	3929127	3.3	3" Nail	1	0.5	2	11/17/08	MAS
78A-5	716024.8	3929134.6	3.6	3" Nail	1	0.5	4	11/17/08	MAS
78A-6	715991	3929135.7	3.2	2" Banding Clip	1	0.5	0	11/17/08	MAS
78A-7	715991	3929136.4	3.4	3" Nail	1	0.5	1	11/17/08	MAS
78A-8	715987.9	3929137.8	3.3	3" Nail	1	0.5	0	11/17/08	MAS
78A-9	716003.8	3929138.6	3.6	3" Nail	1	0.5	3	11/17/08	MAS
78A-10	715961	3929139.1	59.0	10" Spike	1	0.5	2	11/17/08	MAS
78A-11	716044	3929140	20.5	Horseshoe	1	1	3	11/17/08	MAS
78A-12	716001.2	3929140.8	3.4	3" Nail	1	0.5	1	11/17/08	MAS
78A-13	716029.2	3929141.2	7.1	3" Nails	4	2	5	11/17/08	MAS

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
78A-14	715973.6	3929148.2	4.0	3" Nails	3	1.5	6	11/17/08	MAS
78A-15	715964.6	3929148.2	3.8	3" Nail	1	0.5	0	11/17/08	MAS
78A-16	716048.6	3929149	130.5	3" Angle Iron	1	3	8	11/17/08	MAS
78A-17	716003.2	3929151.4	7.2	3" Nail	1	0.5	0	11/17/08	MAS
78A-18	715976	3929162	4.1	12" Wire	1	0.5	0	11/17/08	MAS
78A-19	715972	3929164.2	3.1	3" Nail	2	1	0	11/17/08	MAS
78A-20	715969.6	3929164.2	4.0	3" Nail	1	0.5	2	11/17/08	MAS
78B-1	715964.8	3929363.8	7.3	3" Nail	1	0.25	1	11/17/08	MAS
78B-2	715970.6	3929344.6	29.6	Banding Clip, 21 Nails	22	0.5	1	11/17/08	MAS
78B-3	715972.8	3929346.6	9.2	6" Nail	1	0.25	2	11/17/08	MAS
78B-4	715975.2	3929334.8	7.6	2" Nail	1	0.5	8	11/17/08	MAS
78B-5	715975.6	3929365	8.6	4" Nail	1	0.25	3	11/17/08	MAS
78B-6	715977.8	3929368.8	5.4	2 Nails, 12" Banding	3	0.25	0	11/17/08	MAS

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
78B-7	715980	3929356	5.0	3" Nail	1	0.25	1	11/17/08	MAS
78B-8	715986	3929367.6	37.7	1/4 Brake Drum	1	5	2	11/17/08	MAS
78B-9	715993.4	3929368.6	12.5	Banding Corner	1	0.25	3	11/17/08	MAS
78B-10	715994.2	3929338	8.8	Nails	3	0.25	8	11/18/08	MAS
78B-11	715994.8	3929345	25.9	Nails	5	0.5	8	11/18/08	MAS
78B-12	715998.2	3929360.8	73.3	12" Spike, (3) 2" Nails, Lead Seal	5	0.5	6	11/18/08	MAS
78B-13	715999.8	3929353.2	17.8	18 Nails, 3 Disc	21	0.5	6	11/18/08	MAS
78B-14	716003.4	3929350.6	3.7	5 Nails	4	0.5	3	11/18/08	MAS
78B-15	716003.8	3929371.4	7.4	3" Nails, Banding Clip	3	0.25	3	11/18/08	MAS
78B-16	716007.8	3929359.2	5.0	3 Nails, Disc	4	0.125	4	11/18/08	MAS
78B-17	716016.6	3929352.2	4.9	Nails	8	0.25	3	11/18/08	MAS
78B-18	716019	3929361.4	10.3	Nail, Roofing Disc	2	0.125	4	11/18/08	MAS
78B-19	716019.2	3929345.6	41.8	Nails, Roofing Disc	>20	1	1	11/18/08	MAS

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
78B-20	716020.4	3929368.6	4.3	4" Nails	2	0.25	3	11/18/08	MAS
78B-21	716024	3929361.6	16.0	Nails	10	2.5	8	11/18/08	MAS
78B-22	716025.8	3929338.4	7.9	Nails	11	1	14	11/18/08	MAS
78B-23	716028.4	3929366	23.0	Nails	12	0.5	14	11/18/08	MAS
78B-24	716032.4	3929337.4	13.4	Nails	24	1	1	11/18/08	MAS
78B-25	716032.6	3929356.2	5.5	Nails	3	0.25	1	11/18/08	MAS
78B-26	716038.6	3929371.6	4.9	3" Nails	2	0.25	4	11/18/08	MAS
78B-27	716044	3929346.6	12.4	Nails	3	0.125	1	11/18/08	MAS
78B-28	716048.4	3929347	3.4	Nails	3	0.125	1	11/18/08	MAS
78B-29	716048.6	3929367.8	10.0	2 Metal Wafers, 3" Nails	14	0.5	1	11/18/08	MAS
78B-30	716052	3929354	12.4	3" Nails	2	0.5	1	11/18/08	MAS
78B-31	716052.2	3929365.4	12.5	2" banding, 3" Nails, 1 Disc	9	0.5	6	11/18/08	MAS
78B-32	716052.6	3929345.4	11.0	Nails	2	0.125	6	11/18/08	MAS

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
78C-1	715932.4	3929495.6	19.8	8" Cable, 1 Nail, 1 Bailing Wire	3	2	14	11/18/08	MAS
78C-2	715936.6	3929500.4	23.8	Metal Handle	1	0.5	16	11/18/08	MAS
78C-3	715927.6	3929513.8	50.9	Seed	1		0	11/18/08	MAS
78C-4	715939.6	3929516.8	3.6	Nail	1	0.125	0	11/18/08	MAS
78C-5	715944.4	3929528.8	3.4	Banding, Nail, Bottle Cap	3	0.5	6	11/18/08	MAS
78C-6	715935.2	3929545.6	4.0	Nail	1	0.125	3	11/18/08	MAS
78C-7	715940	3929546.4	5.5	Nail	1	0.125	0	11/18/08	MAS
78C-8	715915.6	3929556.8	3.6	Nail	6	0.5	2	11/18/08	MAS
78C-9	715936.4	3929558	3.3	Nail	1	0.125	2	11/18/08	MAS
78C-10	715948.2	3929568.4	4.9	Nail, Wire	2	0.125	2	11/18/08	MAS
78C-11	715932.2	3929581	31.5	3' Wire, Small Wire	2	0.5	2	11/18/08	MAS
78C-12	715922.4	3929594.2	50.6	3"x6" Metal Plate	1	1	0	11/18/08	MAS
78C-13	715934	3929600	4.6	Nails, Horse Nail	2	0.5	3	11/18/08	MAS

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
78C-14	715914.8	3929605.8	3.9	Nail, Banding Clip	2	0.125	3	11/18/08	MAS
78C-15	715942	3929609.6	205.7	8"x12" Sheet Metal	1	1	3	11/18/08	MAS
78C-16	715912.8	3929625	7.5	1/8"x6" Wire	1	0.25	2	11/18/08	MAS
78C-17	715909.8	3929629.8	55.1	1/8" Wire X 30", Banding Clip	2	0.25	2	11/18/08	MAS
78D-1	715922.4	3929910.2	29.1	2"x30" Pipe Band Clip, 1/8" Wire X 30"	3	3	12	11/18/08	MAS
78D-2	715910.6	3929910.8	4.3	Nails	5	0.5	4	11/18/08	MAS
78D-3	715918	3929917.6	4.0	Nails	2	0.25	3	11/18/08	MAS
78D-4	715904.8	3929926.8	7.7	Nails	6	0.5	2	11/18/08	MAS
78D-5	715922	3929934.4	54.2	Seed	1	2	0	11/18/08	MAS
78D-6	715916.6	3929942	5.5	4 Nails, 1 Metal Disc	5	0.5	2	11/18/08	MAS
78D-7	715933.6	3929946	5.8	Nails	2	0.25	0	11/18/08	MAS
78D-8	715905.2	3929947.8	4.5	2 Nails, 12" Banding	3	0.5	2	11/18/08	MAS
78D-9	715923.8	3929956.8	3.6	Nail	1	0.125	3	11/18/08	MAS

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
78D-10	715934.6	3929963.8	6.0	Nail	1	0.125	4	11/18/08	MAS
78D-11	715911.2	3929966	34.5	10 Nails, 12" Rebar	11	1.25	18	11/19/08	MAS
78D-12	715926.8	3929968.2	5.7	2 Nails	2	0.125	20	11/19/08	MAS
78D-13	715911.4	3929971.2	10.4	4 Nails	4	0.25	12	11/19/08	MAS
78D-14	715937.2	3929973	5.2	4 Nails	4	0.25	8	11/19/08	MAS
78D-15	715925.4	3929974	68.6	8" Metal Disc, 3 Nails	4	1.5	6	11/19/08	MAS
78D-16	715917.2	3929976.4	3.7	2 Nails	2	0.125	2	11/19/08	MAS
78D-17	715897.6	3929978.4	12.3	Nails	33	0.5	0	11/19/08	MAS
78D-18	715906.8	3929980.8	7.3	1 Nail, (2) 2" Discs	3	0.25	4	11/19/08	MAS
78D-19	715919.4	3929983.2	6.5	6" Banding, 1 Clip	2	0.25	6	11/19/08	MAS
78D-20	715928.8	3929984.4	9.4	7 Nails	7	0.5	4	11/19/08	MAS
78D-21	715913.6	3929985.4	4.4	3 Nails, 2" Disc	3	0.25	6	11/19/08	MAS
78D-22	715919.4	3929988	4.3	Nail, 2" Band	2	0.125	6	11/19/08	MAS

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
78D-23	715918.6	3929990.4	7.0	7 Nails, (2) 2" Discs	9	0.5	12	11/19/08	MAS
78D-24	715926.2	3929994	22.5	6 Nails	6	0.5	5	11/19/08	MAS
78D-25	715918.6	3929995.8	4.8	6 Nails, (2) 2" Discs	8	0.5	8	11/19/08	MAS
78D-26	715927.4	3929998.2	5.4	1 Nail, 2" Disc	2	0.125	6	11/19/08	MAS
78D-27	715922.2	3930000.6	16.0	Nails	9	0.5	5	11/19/08	MAS
78D-28	715931.8	3930005.4	8.3	3 Nails, 2" Disc	4	0.5	8	11/19/08	MAS
78D-29	715913	3930010	10.3	4 Nails	4	0.125	6	11/19/08	MAS
78D-30	715919.4	3930011.4	7.2	4 Nails	4	0.125	3	11/19/08	MAS
78D-31	715905.6	3930014.8	15.0	12 Nails, Cotter Key	13	0.5	2	11/19/08	MAS
78D-32	715916.4	3930016	6.2	9 Nails, 2" Disc	10	0.5	4	11/19/08	MAS
78D-33	715904.2	3930016.2	6.9	9 Nails, 1 Banding Clip	10	0.5	3	11/19/08	MAS
78D-34	715913.4	3930020.6	10.7	4 Nails, 2" Disc	5	0.25	4	11/19/08	MAS
79-1	717665.6	3932432.4	33.9	5 Nails, 2" Disc, 2" Wire	7	0.5	6	11/19/08	MAS

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
79-2	717674.8	3932427.2	46.0	6 Nails, 2" Disc	7	0.5	8	11/19/08	MAS
79-3	717679.2	3932396.8	20.4	6 Nails	6	0.5	12	11/19/08	MAS
79-4	717682.2	3932437	116.4	Seed	1	1.5	1	11/19/08	MAS
79-5	717683.2	3932413.4	7.1	Metal Handle	1	0.75	3	11/19/08	MAS
79-6	717691	3932385	6.1	6 Nails, 1 Clip	7	0.5	5	11/19/08	MAS
79-7	717691.4	3932421.2	39.3	1/2"x3' Steel Rod	1	2	12	11/19/08	MAS
79-8	717692	3932418.8	16.0	1 Nail, Ammo Box Clamp	2	0.5	6	11/19/08	MAS
79-9	717696	3932391.4	39.3	14 Nails	14	0.5	6	11/19/08	MAS
79-10	717701.2	3932428	134.2	1/2"x3' Steel Rod, 3 Nails	4	1.5	5	11/19/08	MAS
79-11	717702.2	3932409.2	6.0	3 Nails	3	0.25	4	11/19/08	MAS
79-12	717702.4	3932398.6	10.7	3 Nails	3	0.25	8	11/19/08	MAS
79-13	717706.4	3932405.4	35.5	10 Nails	10	0.5	10	11/19/08	MAS
79-14	717710.2	3932433	22.1	2 Nails	2	0.25	3	11/19/08	MAS

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
79-15	717712.2	3932410.8	39.4	5" Band, 4 Nails, 4" Angle Iron	6	1.5	6	11/19/08	MAS
79-16	717716	3932375.2	6.1	2" Disc, Wing Nut	2	0.25	6	11/19/08	MAS
79-17	717717.2	3932425.6	12.3	5 Nails, 2 Discs	7	0.5	6	11/19/08	MAS
79-18	717718	3932388.8	5.3	2 Nails	2	0.125	6	11/19/08	MAS
79-19	717722.4	3932420.6	14.4	2 Nails	2	0.125	4	11/19/08	MAS
79-20	717723.4	3932398.6	6.9	2" Disc, Wing Nut	1	0.125	6	11/19/08	MAS
79-21	717726.2	3932374.8	7.8	4 Nails, 1 Bottle Cap, 1 Bolt	6	0.5	8	11/20/08	MAS
79-22	717726.8	3932413.2	132.7	QC Seed, 1 Nail	2	2	20	11/19/08	MAS
79-23	717727	3932422	3.6	2 Nails	2	0.125	6	11/19/08	MAS
79-24	717734.4	3932388.6	8.4	3 Nails, 4" Tube	3	0.5	1	11/20/08	MAS
79-25	717735.8	3932414	22.1	5"x3" Metal Diamond, 1 Nail	2	0.5	3	11/19/08	MAS
79-26	717736.4	3932392	6.1	4 Nails, 2 Discs	6	0.25	6	11/20/08	MAS
79-27	717737.2	3932375.2	9.4	2 Nails, 1 Bolt	3	0.5	18	11/20/08	MAS

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
79-28	717738.2	3932380	23.9	1 Nail, Pipe Wrench	2	2	12	11/20/08	MAS
79-29	717748.4	3932399	5.6	4 Nails	4	0.125	10	11/20/08	MAS
79-30	717749.2	3932379.8	11.2	3 Nails	3	0.125	6	11/20/08	MAS
79-31	717755.4	3932377	3.9	2 Nails	2	0.125	8	11/20/08	MAS
79-32	717756.4	3932422.8	18.5	7 Nails	7	0.25	6	11/20/08	MAS
79-33	717760.2	3932388.8	6.0	1 Nail, 1 Disc	2	0.25	10	11/20/08	MAS
79-34	717762.2	3932386.6	4.2	2" Disc	1	0.125	6	11/20/08	MAS
79-35	717763.2	3932426.8	6.5	1 Nail	1	0.125	8	11/20/08	MAS
79-36	717770.2	3932401.4	96.1	Seed	1	1	2	11/20/08	MAS
79-37	717776.4	3932405.2	8.7	4" Angle Iron, 12" Wire	2	0.75	8	11/20/08	MAS
79-38	717785.4	3932399.6	3.1	1 Nail, 3" Banding	2	0.25	12	11/20/08	MAS
79-39	717786	3932391.2	6.3	5 Nails, 2" Wire	6	0.25	36	11/20/08	MAS
79-40	717786.8	3932350.4	54.9	8" Banding	1	0.5	4	11/20/08	MAS

Appendix A

Digsheet for Ft Wingate - Parcel 6

AOC78A-D, AOC79

Target ID	Target Information			Dig Results					
	Easting (X) (m)	Northing (Y) (m)	Amplitude (mV) (Channel 3)	Anomaly Type	# of Contacts	weight (lbs)	Depth to Top (in)	Date	Team Leader Initials
79-41	717790	3932385.4	9.4	2 Nails, 1 Disc	3	0.125	24	11/20/08	MAS
79-42	717807.8	3932336.8	50.7	40" Steeel Rod, 1 Nail	2	2	4	11/20/08	MAS
79-43	717808	3932345	4108.2	1 Railroad Stop	1	200	4	11/20/08	MAS
79-44	717816.4	3932379	76.7	1 Nail, QC Seed	2	1	8	11/20/08	MAS
79-45	717823.6	3932377.4	6.6	1 Nail, Metal Handle	2	0.75	10	11/20/08	MAS
79-46	717832.8	3932342	94.1	Seed	1	1	3	11/20/08	MAS
79-47	717841.4	3932332.8	12.3	4" Angle Iron	1	1	12	11/20/08	MAS
79-48	717841.8	3932364	12.4	4" Angle Iron	1	1	12	11/20/08	MAS
79-49	717847.2	3932348.8	10.9	3 Nails	3	0.125	8	11/20/08	MAS
79-50	717849	3932334	3.2	1 Bolt, 6" S Shape Metal	3	0.5	14	11/20/08	MAS

Safety Meeting Attendance Log

UXB International, Inc.

Date:	11-17-06	Time:	0730	Project Number:	7798-001
Project Name:	Fort Wingate, NM	Location:	Fort Wingate, NM		
Weather Conditions:	COOL & MILD				
I. Safety Meeting Topic (Briefly describe):	UXO Safety, Slips Trips and falls, Equipment safety, Wildlife				
II. Attendees:					

Name (Print)	Signature	Company
Matthew Simonian	[signature]	UXB
David Tyrer	[signature]	UXB
John Reynolds	[signature]	UXB
Tom Handy	[signature]	UXB

III. Verification:

I certify that the personnel listed on this roster received the briefing described above. Site personnel not attending this meeting will be briefed before beginning their assigned duties.

[signature] 11-17-06

Site Safety Officer Date

Safety Meeting Attendance Log

UXB International, Inc.

Date:	11-14-08	Time:	0630	Project Number:	7798-001
Project Name:	Fort Wingate, NM	Location:	Fort Wingate, NM		
Weather Conditions:	COOL & MILD				

I. Safety Meeting Topic (Briefly describe): UXO Safety, Slips Trips and falls, Equipment safety, Wildlife

II. Attendees:

Name (Print)	Signature	Company
Matthew Simonian	M A Simonian	UXB
David Tyrer	David D Tyrer	UXB
John Reynolds	J Reynolds	UXB
Tom Handy	Thomas N Handy	UXB

III. Verification:

I certify that the personnel listed on this roster received the briefing described above. Site personnel not attending this meeting will be briefed before beginning their assigned duties.

M A Simonian — Site Safety Officer

11-18-08 — Date

Safety Meeting Attendance Log

UXB International, Inc.

Date:	11-19-08	Time:	0630	Project Number:	7798-001
Project Name:	Fort Wingate, NM	Location:	Fort Wingate, NM		
Weather Conditions:	COLD!				
I. Safety Meeting Topic (Briefly describe):	UXO Safety, Slips Trips and falls, Equipment safety, Wildlife				
II. Attendees:					

Name (Print)	Signature	Company
Matthew Simonian	M Simonian	UXB
David Tyrer		UXB
John Reynolds	J Reynolds	UXB
Tom Handy	Thomas M Handy	UXB

III. Verification:

I certify that the personnel listed on this roster received the briefing described above. Site personnel not attending this meeting will be briefed before beginning their assigned duties.

M Simonian — Site Safety Officer

11-19-08 — Date

Safety Meeting Attendance Log

UXB International, Inc.

Date:	11-20-08	Time:	0630	Project Number:	7798-001
Project Name:	Fort Wingate, NM	Location:	Fort Wingate, NM		
Weather Conditions:	COLD!				
I. Safety Meeting Topic (Briefly describe):	UXO Safety, Slips Trips and falls, Equipment safety. Wildlife				
II. Attendees:					

Name (Print)	Signature	Company
Matthew Simonian	M Simonian	UXB
~~David Tyrer~~		~~UXB~~
John Reynolds	J Reynolds	UXB
Tom Handy	Thomas Handy	UXB

III. Verification:

I certify that the personnel listed on this roster received the briefing described above. Site personnel not attending this meeting will be briefed before beginning their assigned duties.

M Simonian — Site Safety Officer

11-20-08 — Date

Name UXB INTERNATIONAL, INC.

Address FORT WINGATE, NM PROJECT

Phone

THIS LOG OPENED ON 17 NOVEMBER 2008, BY MATTHEW SIMONIAN, TEAM LEADER, UXO TECHNICIAN III.

MASimonian

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simonianma@gmail.com

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Projects 17 NOV 08

TEAM LEADER - MATTHEW SIMONIAN
TEAM MEMBERS - JOHN REYNOLDS & TOM HANDY.
0700 START OF DAY.
0730 MEET ALL PERSONNEL AT FT. WINGATE.
0900 SET-UP GPS STATION.
0930 BEGIN REACQUISITION OF ANOMALIES; BEGIN INTRUSIVE OPERATIONS.
1200 LUNCH.
1230 RESUME INTRUSIVE OPS & REACQUISITION OF ANOMALIES.
1730 END OF DAY.
NO MEC FOUND.
COMPLETED AOC 78A.

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Projects (continued) 18 NOV 08

TEAM LEADER-MATTHEW SIMONIAN
TEAM MEMBERS-JOHN REYNOLDS & TOM HANDY.
0600 START OF DAY.
0630 ARRIVE FT. WINGATE, PREP EQUIP, SAFETY BRIEF.
0700 BEGIN REACQUISITION OF ANOMALIES & INTRUSIVE OPS.
1200 LUNCH
1230 RESUME REACQUISITION OF ANOMALIES & INTRUSIVE OPS.
1630 END OF DAY.
NO MEC FOUND.
COMPLETED AOC 78B & AOC 78C.

19 NOV 08

TEAM LEADER-MATTHEW SIMONIAN
TEAM MEMBERS-JOHN REYNOLDS & TOM HANDY
0600-START OF DAY.
0630 ARRIVE FT. WINGATE, PREP EQUIP, SAFETY BRIEF.
0700 BEGIN INTRUSIVE OPS.
1200 LUNCH
1230 RESUME INTRUSIVE OPS.
1630 END OF DAY.
NO MEC FOUND.
COMPLETED AOC 78D.

20 NOV 06

TEAM LEADER - MATTHEW SIMONIAN
TEAM MEMBERS - JOHN REYNOLDS &
TOM HANDY.
0600 START OF DAY.
0630 ARRIVE FT. WINGATE, PREP
EQUIP, SAFETY BRIEF.
0700 BEGIN INTRUSIVE OPS.
1400 END INTRUSIVE OPS.
1430 ARRIVE HOTEL; COMPLETED
FINAL DOCS, PACKED GEAR,
SHIPPED GEAR, TURNED IN RENTAL
VEHICLE.
1630 END OF DAY.
NO MEC FOUND.
COMPLETED AOC 79.

Appendix B – Provided on CD
CH2M HILL Field Reconnaissance Forms

Appendix C
Photographic Log

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Figure 1. Photograph of AOC 78 A, facing east

Figure 2. Photograph of AOC 78 A-1 anomalies

Figure 3. Photograph of AOC 78 A-2 anomaly

Figure 4. Photograph of AOC 78 A-3 anomaly

Figure 5. Photograph of AOC 78 A-4 anomaly

Figure 6. Photograph of AOC 78 A-5 anomaly

Figure 7. Photograph of AOC 78 A-6 anomaly

Figure 8. Photograph of AOC 78 A-7 anomaly

Figure 9. Photograph of AOC 78 A-8 anomaly

Figure 10. Photograph of AOC 78 A-9 anomaly

Figure 11. Photograph of AOC 78 A-10 anomaly

Figure 12. Photograph of AOC 78 A-11 anomaly

Figure 13. Photograph of AOC 78 A-12 anomaly

Figure 14. Photograph of AOC 78 A-13 anomalies

Figure 15. Photograph of AOC 78 A-14 anomalies

Figure 16. Photograph of AOC 78 A-15 anomaly

Figure 17. Photograph of AOC 78 A-16 anomaly

Figure 18. Photograph of AOC 78 A-17 anomaly

Figure 19. Photograph of AOC 78 A-18 anomaly

Figure 20. Photograph of AOC 78 A-19 anomalies

Figure 21. Photograph of AOC 78 A-20 anomaly

Figure 22. Photograph of AOC 78 B, facing east

Figure 23. Photograph of AOC 78 B-1 anomaly

Figure 24. Photograph of AOC 78 B-2 anomalies

Figure 25. Photograph of AOC 78 B-3 anomaly

Figure 26. Photograph of AOC 78 B-4 anomalies

Figure 27. Photograph of AOC 78 B-5 anomalies

Figure 28. Photograph of AOC 78 B-6 anomalies

Figure 29. Photograph of AOC 78 B-7 anomaly

Figure 30. Photograph of AOC 78 B-8 anomaly

Figure 31. Photograph of AOC 78 B-9 anomaly

Figure 32. Photograph of AOC 78 B-10 anomalies

Figure 33. Photograph of AOC 78 B-11 anomalies

Figure 34. Photograph of AOC 78 B-12 anomalies

Figure 35. Photograph of AOC 78 B-13 anomalies

Figure 36. Photograph of AOC 78 B-14 anomalies

Figure 37. Photograph of AOC 78 B-15 anomalies

Figure 38. Photograph of AOC 78 B-16 anomalies

Figure 39. Photograph of AOC 78 B-17 anomalies

Figure 40. Photograph of AOC 78 B-18 anomalies

Figure 41. Photograph of AOC 78 B-19 anomalies

Figure 42. Photograph of AOC 78 B-20 anomalies

Figure 43. Photograph of AOC 78 B-21 anomalies

Figure 44. Photograph of AOC 78 B-22 anomalies

Figure 45. Photograph of AOC 78 B-23 anomalies

Figure 46. Photograph of AOC 78 B-24 anomalies

Figure 47. Photograph of AOC 78 B-25 anomalies

Figure 48. Photograph of AOC 78 B-26 anomalies

Figure 49. Photograph of AOC 78 B-27 anomalies

Figure 50. Photograph of AOC 78 B-28 anomalies

Figure 51. Photograph of AOC 78 B-29 anomalies

Figure 52. Photograph of AOC 78 B-30 anomalies

Figure 53. Photograph of AOC 78 B-31 anomalies

Figure 54. Photograph of AOC 78 B-32 anomalies

Figure 55. Photograph of AOC 78 C, facing north

Figure 56. Photograph of AOC 78 C-1 anomalies

Figure 57. Photograph of AOC 78 C-2 anomaly

Figure 58. Photograph of AOC 78 C-3 anomaly

Figure 59. Photograph of AOC 78 C-4 anomaly

Figure 60. Photograph of AOC 78 C-5 anomalies

Figure 61. Photograph of AOC 78 C-6 anomaly

Figure 62. Photograph of AOC 78 C-7 anomaly

Figure 63. Photograph of AOC 78 C-8 anomalies

Figure 64. Photograph of AOC 78 C-9 anomaly

Figure 65. Photograph of AOC 78 C-10 anomaly

Figure 66. Photograph of AOC 78 C-11 anomaly

Figure 67. Photograph of AOC 78 C-12 anomaly

Figure 68. Photograph of AOC 78 C-13 anomalies

Figure 69. Photograph of AOC 78 C-14 anomalies

Figure 70. Photograph of AOC 78 C-15 anomaly

Figure 71. Photograph of AOC 78 C-16 anomaly

Figure 72. Photograph of AOC 78 C-17 anomalies

Figure 73. Photograph of AOC 78 D, facing north

Figure 74. Photograph of AOC 78 D-1 anomaly

Figure 75. Photograph of AOC 78 D-2 anomalies

Figure 76. Photograph of AOC 78 D-3 anomalies

Figure 77. Photograph of AOC 78 D-4 anomalies

Figure 78. Photograph of AOC 78 D-5 anomalies

Figure 79. Photograph of AOC 78 D-6 anomalies

Figure 80. Photograph of AOC 78 D-7 anomalies

Figure 81. Photograph of AOC 78 D-8 anomalies

Figure 82. Photograph of AOC 78 D-9 anomaly

Figure 83. Photograph of AOC 78 D-10 anomaly

Figure 84. Photograph of AOC 78 D-11 anomalies

Figure 85. Photograph of AOC 78 D-12 anomalies

Figure 86. Photograph of AOC 78 D-13 anomalies

Figure 87. Photograph of AOC 78 D-14 anomalies

Figure 88. Photograph of AOC 78 D-15 anomalies

Figure 89. Photograph of AOC 78 D-16 anomalies

Figure 90. Photograph of AOC 78 D-17 anomalies

Figure 91. Photograph of AOC 78 D-18 anomalies

Figure 92. Photograph of AOC 78 D-19 anomalies

Figure 93. Photograph of AOC 78 D-20 anomalies

Figure 94. Photograph of AOC 78 D-21 anomalies

Figure 95. Photograph of AOC 78 D-22 anomalies

Figure 96. Photograph of AOC 78 D-23 anomalies

Figure 97. Photograph of AOC 78 D-24 anomalies

Figure 98. Photograph of AOC 78 D-25 anomalies

Figure 99. Photograph of AOC 78 D-26 anomalies

Figure 100. Photograph of AOC 78 D-27 anomalies

Figure 101. Photograph of AOC 78 D-28 anomalies

Figure 102. Photograph of AOC 78 D-29 anomalies

Figure 103. Photograph of AOC 78 D-30 anomalies

Figure 104. Photograph of AOC 78 D-31 anomalies

Figure 105. Photograph of AOC 78 D-32 anomalies

Figure 106. Photograph of AOC 78 D-33 anomalies

Figure 107. Photograph of AOC 78 D-34 anomalies

Figure 108. Photograph of AOC 79, facing northeast

Figure 109. Photograph of AOC 79-1 anomalies

Figure 110. Photograph of AOC 79-2 anomalies

Figure 111. Photograph of AOC 79-3 anomalies

Figure 112. Photograph of AOC 79-4 anomaly

Figure 113. Photograph of AOC 79-5 anomaly

Figure 114. Photograph of AOC 79-6 anomalies

Figure 115. Photograph of AOC 79-7 anomaly

Figure 116. Photograph of AOC 79-8 anomalies

Figure 117. Photograph of AOC 79-9 anomalies

Figure 118. Photograph of AOC 79-10 anomalies

Figure 119. Photograph of AOC 79-11 anomalies

Figure 120. Photograph of AOC 79-12 anomalies

Figure 121. Photograph of AOC 79-13 anomalies

Figure 122. Photograph of AOC 79-14 anomalies

Figure 123. Photograph of AOC 79-15 anomalies

Figure 124. Photograph of AOC 79-16 anomalies

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Figure 129. Photograph of AOC 79-21 anomalies

Figure 130. Photograph of AOC 79-22 anomalies

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Figure 136. Photograph of AOC 79-28 anomalies

Figure 137. Photograph of AOC 79-29 anomalies

Figure 138. Photograph of AOC 79-30 anomalies

Figure 139. Photograph of AOC 79-31 anomalies

Figure 140. Photograph of AOC 79-32 anomalies

Figure 141. Photograph of AOC 79-33 anomalies

Figure 142. Photograph of AOC 79-34 anomaly

Figure 143. Photograph of AOC 79-35 anomalies

Figure 144. Photograph of AOC 79-36 anomaly

Figure 145. Photograph of AOC 79-37 anomalies

Figure 146. Photograph of AOC 79-38 anomalies

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Figure 149. Photograph of AOC 79-41 anomalies

Figure 150. Photograph of AOC 79-42 anomalies

Figure 151. Photograph of AOC 79-43 anomaly

Figure 152. Photograph of AOC 79-44 anomalies

Figure 153. Photograph of AOC 79-45 anomalies

Figure 154. Photograph of AOC 79-46 anomaly

Figure 155. Photograph of AOC 79-47 anomaly

Figure 156. Photograph of AOC 79-48 anomalies

Figure 157. Photograph of AOC 79-49 anomalies

Figure 158. Photograph of AOC 79-50 anomalies

Appendix B
CH2M HILL Field Reconnaissance Forms

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CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-2
Site Location:	Fort Wingate Depot Activity
Site Observations:	1 nail, bent Approx 3" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-3
Site Location:	Fort Wingate Depot Activity
Site Observations:	Piece of 2" x 4" wood approximately 8" long with one nail Approx 1" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-4
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-5
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail
Approx 2" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 17, 2008
Site Name: AOC 78 A-6
Site Location: Fort Wingate Depot Activity

Site Observations: 1 piece of scrap metal, approx 2" long by 1" wide, folded
Approx 4" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-7
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-8
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-9
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail
Approx 3" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-10
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 QC nail 1 ft in length
Approx 2" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 17, 2008
Site Name: AOC 78 A-11
Site Location: Fort Wingate Depot Activity

Site Observations: Horse shoe
Approx 3" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 17, 2008
Site Name: AOC 78 A-12
Site Location: Fort Wingate Depot Activity

Site Observations:
1 nail
Approx 1" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-13
Site Location:	Fort Wingate Depot Activity

Site Observations:

4 nails
Approx 5" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-14
Site Location:	Fort Wingate Depot Activity

Site Observations:

3 nails
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-15
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-16
Site Location:	Fort Wingate Depot Activity

Site Observations:

Angle iron, 4" x 8", folded in half
Approx 8" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-17
Site Location:	Fort Wingate Depot Activity
Site Observations:	1 nail Approx 1" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-18
Site Location:	Fort Wingate Depot Activity

Site Observations:

Bailing wire, 2 ft long section
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-19
Site Location:	Fort Wingate Depot Activity

Site Observations:

2 nails
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 17, 2008
Site Name: AOC 78 A-20
Site Location: Fort Wingate Depot Activity

Site Observations:
1 nail
Approx 2" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-1
Site Location: Fort Wingate Depot Activity

Site Observations:
1 nail
Approx 1" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-2
Site Location:	Fort Wingate Depot Activity
Site Observations:	20 nails, 1 metal banding clip Approx 1" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-3
Site Location: Fort Wingate Depot Activity

Site Observations:
1 nail
Approx 2" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-4
Site Location:	Fort Wingate Depot Activity

Site Observations:

25 nails
Approx 8" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-5
Site Location: Fort Wingate Depot Activity

Site Observations:
1 nail
Approx 3" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-6
Site Location: Fort Wingate Depot Activity

Site Observations: 2 nails, 1 piece metal banding 14" long
Approx 1" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-7
Site Location: Fort Wingate Depot Activity

Site Observations:
1 nail
Approx 1" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-8
Site Location: Fort Wingate Depot Activity

Site Observations: 1 large metal chunk, part of brake drum or caliper
Approx 2" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-9
Site Location: Fort Wingate Depot Activity

Site Observations:
1 metal square piece 5" x 5"
Approx 3" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-10
Site Location:	Fort Wingate Depot Activity

Site Observations:

3 nails
Approx 8" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-11
Site Location:	Fort Wingate Depot Activity

Site Observations:

5 nails
Approx 8" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-12
Site Location: Fort Wingate Depot Activity

Site Observations:
1 QC nail 12" long
Approx 6" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-13
Site Location:	Fort Wingate Depot Activity

Site Observations:

18 nails, 3 roofing nail discs
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-14
Site Location:	Fort Wingate Depot Activity

Site Observations:

5 nails
Approx 3" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-15
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail, 1 metal banding clip
Approx 3" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-16
Site Location:	Fort Wingate Depot Activity
Site Observations:	3 nails, 1 metal roofing disc Approx 4" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-17
Site Location: Fort Wingate Depot Activity

Site Observations: 7 nails
Approx 3" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-18
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail, 1 metal roofing disc
Approx 4" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-19
Site Location:	Fort Wingate Depot Activity

Site Observations:

20 nails, 1 metal disc
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-20
Site Location: Fort Wingate Depot Activity

Site Observations:
2 nails
Approx 3" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-21
Site Location: Fort Wingate Depot Activity

Site Observations:
9 nails
Approx 8" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-22
Site Location: Fort Wingate Depot Activity

Site Observations: 11 nails
Approx 14'' bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-23
Site Location: Fort Wingate Depot Activity

Site Observations: 14 nails, some in old chunks of wood
Approx 14" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-24
Site Location:	Fort Wingate Depot Activity

Site Observations:

9 nails
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-25
Site Location: Fort Wingate Depot Activity

Site Observations:
3 nails
Approx 1" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-26
Site Location: Fort Wingate Depot Activity

Site Observations:
2 nails
Approx 4" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-27
Site Location:	Fort Wingate Depot Activity

Site Observations:

3 nails
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-28
Site Location: Fort Wingate Depot Activity

Site Observations:
3 nails
Approx 1" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 B-29
Site Location: Fort Wingate Depot Activity

Site Observations: 9 nails, 2 metal discs
Approx 1" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-30
Site Location:	Fort Wingate Depot Activity

Site Observations:

2 nails
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-31
Site Location:	Fort Wingate Depot Activity

Site Observations:

8 nails, 1 metal banding clip, 1 metal disc
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 B-32
Site Location:	Fort Wingate Depot Activity

Site Observations:

2 nails
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-1
Site Location:	Fort Wingate Depot Activity

Site Observations:

2.5' long steel cable
Approx 14" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-2
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 steel handle from ammo box/case
Approx 16" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 C-3
Site Location: Fort Wingate Depot Activity

Site Observations:
1 QC nail, 12" long
Approx 1" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 C-4
Site Location: Fort Wingate Depot Activity

Site Observations:
1 nail
Approx 1" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-5
Site Location:	Fort Wingate Depot Activity
Site Observations:	1 nail, 1 bottle cap, steel banding section 2'-3' long Approx 6" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 C-6
Site Location: Fort Wingate Depot Activity

Site Observations: 1 nail
Approx 3" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-7
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-8
Site Location:	Fort Wingate Depot Activity

Site Observations:

6 nails
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 C-9
Site Location: Fort Wingate Depot Activity

Site Observations:
1 nail
Approx 2" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 18, 2008
Site Name: AOC 78 C-10
Site Location: Fort Wingate Depot Activity

Site Observations:
1 nail
Approx 2" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-11
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 piece metal wire
Approx 2" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-12
Site Location:	Fort Wingate Depot Activity

Site Observations:

8" x 4" steel plate
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-13
Site Location:	Fort Wingate Depot Activity

Site Observations:

3 nails
Approx 3" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-14
Site Location:	Fort Wingate Depot Activity
Site Observations:	1 nail, 1 metal banding clip Approx 3" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-15
Site Location:	Fort Wingate Depot Activity

Site Observations:

12" x 6" steel plate
Approx 3" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-16
Site Location:	Fort Wingate Depot Activity

Site Observations:

1/8" x 6" wire
Approx 2" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 18, 2008
Site Name:	AOC 78 C-17
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 section of steel wire, 1 metal banding clip
Approx 2" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-1
Site Location:	Fort Wingate Depot Activity
Site Observations:	30" long x 1" dia. steel pipe Approx 12" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-2
Site Location:	Fort Wingate Depot Activity

Site Observations:

5 nails
Approx 4" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-3
Site Location:	Fort Wingate Depot Activity

Site Observations:

2 nails
Approx 3" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 19, 2008
Site Name: AOC 78 D-4
Site Location: Fort Wingate Depot Activity

Site Observations:
2 nails
Approx 2" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-5
Site Location:	Fort Wingate Depot Activity
Site Observations:	1 QC seed, 1 nail Approx 1" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-6
Site Location:	Fort Wingate Depot Activity
Site Observations:	4 nails, 1 metal disc Approx 1" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 19, 2008
Site Name: AOC 78 D-7
Site Location: Fort Wingate Depot Activity

Site Observations:
2 nails
Approx 1" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-8
Site Location:	Fort Wingate Depot Activity
Site Observations:	2 nails, 2 pieces of metal banding Approx 2" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 19, 2008
Site Name: AOC 78 D-9
Site Location: Fort Wingate Depot Activity

Site Observations:
1 nail
Approx 3" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-10
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail
Approx 4" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-11
Site Location:	Fort Wingate Depot Activity
Site Observations:	10 nails, 1 piece 12" rebar Approx 18" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-12
Site Location:	Fort Wingate Depot Activity

Site Observations:

2 nails
Approx 20" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-13
Site Location:	Fort Wingate Depot Activity

Site Observations:

4 nails
Approx 12" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 19, 2008
Site Name: AOC 78 D- 14
Site Location: Fort Wingate Depot Activity

Site Observations:
4 nails
Approx 8" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-15
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 metal disc, 3 nails
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 19, 2008
Site Name: AOC 78 D-16
Site Location: Fort Wingate Depot Activity

Site Observations: 2 nails
Approx 2" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-17
Site Location:	Fort Wingate Depot Activity

Site Observations:

33 nails
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-18
Site Location:	Fort Wingate Depot Activity
Site Observations:	1 nail, 2 metal discs Approx 4" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-19
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 metal banding clip and section of banding
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-20
Site Location:	Fort Wingate Depot Activity

Site Observations:

7 nails
Approx 4" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D- 21
Site Location:	Fort Wingate Depot Activity
Site Observations:	3 nails, 1 metal disc Approx 6" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-22
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail, 1 banding clip
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-23
Site Location:	Fort Wingate Depot Activity

Site Observations:

7 nails, 2 discs
Approx 12" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-24
Site Location:	Fort Wingate Depot Activity

Site Observations:

6 nails
Approx 5" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-25
Site Location:	Fort Wingate Depot Activity

Site Observations:

6 nails, 2 discs
Approx 8" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-26
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail, 1 disc
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-27
Site Location:	Fort Wingate Depot Activity

Site Observations:

9 nails
Approx 5" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-28
Site Location:	Fort Wingate Depot Activity

Site Observations:

3 nails, 1 disc
Approx 8" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-29
Site Location:	Fort Wingate Depot Activity

Site Observations:

4 nails
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-30
Site Location:	Fort Wingate Depot Activity

Site Observations:

4 nails
Approx 3" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-31
Site Location:	Fort Wingate Depot Activity

Site Observations:

12 nails, 1 cotter pin
Approx 2" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-32
Site Location:	Fort Wingate Depot Activity

Site Observations:

9 nails, 1 metal disc
Approx 4" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-33
Site Location:	Fort Wingate Depot Activity

Site Observations:

9 nails, 1 metal banding clip
Approx 3" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 19, 2008
Site Name:	AOC 78 D-34
Site Location:	Fort Wingate Depot Activity

Site Observations:

9 nails, 1 disc
Approx 4" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -1
Site Location:	Fort Wingate Depot Activity
Site Observations:	5 nails, 1 disc, 12" section of wire Approx 6" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -2
Site Location:	Fort Wingate Depot Activity

Site Observations:

8 nails, 1 metal disc
Approx 8" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -3
Site Location: Fort Wingate Depot Activity

Site Observations: 6 nails
Approx 12" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -4
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 QC seed
Approx 1" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -5
Site Location: Fort Wingate Depot Activity

Site Observations: 1 metal handle
Approx 3" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -6
Site Location:	Fort Wingate Depot Activity
Site Observations:	6 nails, 1 metal banding clip Approx 5" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -7
Site Location:	Fort Wingate Depot Activity

Site Observations:

1/2" x 3' steel rod
Approx 12" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -8
Site Location: Fort Wingate Depot Activity

Site Observations: 1 nail, 1 ammo box clamp
Approx 6" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -9
Site Location:	Fort Wingate Depot Activity

Site Observations:

14 nails
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -10
Site Location:	Fort Wingate Depot Activity
Site Observations:	1/2" x 3' steel rod, 3 nails Approx 5" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -11
Site Location:	Fort Wingate Depot Activity

Site Observations:

3 nails
Approx 4" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -12
Site Location: Fort Wingate Depot Activity

Site Observations: 3 nails
Approx 8" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -13
Site Location:	Fort Wingate Depot Activity

Site Observations:

10 nails
Approx 10" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -14
Site Location: Fort Wingate Depot Activity

Site Observations: 2 nails
Approx 3" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -15
Site Location:	Fort Wingate Depot Activity

Site Observations:

4 nails, 5" metal band, 4" angle iron
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -16
Site Location: Fort Wingate Depot Activity

Site Observations: 1 2" disc, 1 wingnut
Approx 6" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -17
Site Location:	Fort Wingate Depot Activity
Site Observations:	5 nails, 2 discs Approx 6" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -18
Site Location: Fort Wingate Depot Activity

Site Observations: 2 nails
Approx 6" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -19
Site Location: Fort Wingate Depot Activity

Site Observations: 2 nails
Approx 4" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -20
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 disc
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -21
Site Location:	Fort Wingate Depot Activity
Site Observations:	4 nails, 1 bolt, 1 bottle cap Approx 8" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -22
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 QC seed, 1 nail
Approx 20" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -23
Site Location:	Fort Wingate Depot Activity

Site Observations:

2 nails
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -24
Site Location: Fort Wingate Depot Activity

Site Observations: 3 nails, 4" tube
Approx 1" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -25
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail, 5"x 3" diamond shaped metal piece
Approx 3" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -26
Site Location: Fort Wingate Depot Activity

Site Observations: 4 nails, 2 discs
Approx 6" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -27
Site Location:	Fort Wingate Depot Activity
Site Observations:	2 nails, 1 bolt Approx 18" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -28
Site Location: Fort Wingate Depot Activity

Site Observations: 1 nail, 1 broken pipe wrench
Approx 12" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -29
Site Location:	Fort Wingate Depot Activity

Site Observations:

4 nails
Approx 10" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -30
Site Location:	Fort Wingate Depot Activity

Site Observations:

3 nails
Approx 6" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -31
Site Location:	Fort Wingate Depot Activity

Site Observations:

2 nails
Approx 8" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -32
Site Location: Fort Wingate Depot Activity

Site Observations: 7 nails
Approx 6" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -33
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail, 1 disc
Approx 10" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -34
Site Location: Fort Wingate Depot Activity

Site Observations:
2" disc
Approx 6" bgs

Photographs:
1 of Flag
1 of Anomaly

Samples Collected:
No samples collected

Other Notable Information:
None

Site Drawings:
None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -35
Site Location: Fort Wingate Depot Activity

Site Observations: 2 nails
Approx 8" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -36
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 QC seed
Approx 2" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -37
Site Location: Fort Wingate Depot Activity

Site Observations: 4" angle iron, 12" piece of wire
Approx 8" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -38
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail, 3" piece of metal banding
Approx 12" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -39
Site Location:	Fort Wingate Depot Activity

Site Observations:

5 nails, 2" piece of wire
Approx 36" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -40
Site Location:	Fort Wingate Depot Activity

Site Observations:

8" piece of metal banding
Approx 4" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -41
Site Location: Fort Wingate Depot Activity

Site Observations: 2 nails, 1 metal disc
Approx 24" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -42
Site Location:	Fort Wingate Depot Activity

Site Observations:

40" steel rod, 1 nail
Approx 4" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -43
Site Location:	Fort Wingate Depot Activity
Site Observations:	1 large metal/steel railroad stop Approx 4" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -44
Site Location: Fort Wingate Depot Activity

Site Observations: 1 nail, 1 QC seed
Approx 8" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -45
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 nail, 1 metal handle
Approx 10" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -46
Site Location:	Fort Wingate Depot Activity

Site Observations:

1 QC seed
Approx 3" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -47
Site Location: Fort Wingate Depot Activity

Site Observations: 4" piece of angle iron
Approx 12" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 20, 2008
Site Name:	AOC 79 -48
Site Location:	Fort Wingate Depot Activity

Site Observations:

4" piece of angle iron
Approx 12" bgs

Photographs:

1 of Flag
1 of Anomaly

Samples Collected:

No samples collected

Other Notable Information:

None

Site Drawings:

None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -49
Site Location: Fort Wingate Depot Activity

Site Observations: 3 nails
Approx 8" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff: Jonathan Waldron
Date and Time of Site Visit: November 20, 2008
Site Name: AOC 79 -50
Site Location: Fort Wingate Depot Activity

Site Observations: 1 bolt, 6" piece of metal
Approx 14" bgs

Photographs: 1 of Flag
1 of Anomaly

Samples Collected: No samples collected

Other Notable Information: None

Site Drawings: None

CH2M HILL Staff:	Jonathan Waldron
Date and Time of Site Visit:	November 17, 2008
Site Name:	AOC 78 A-1
Site Location:	Fort Wingate Depot Activity
Site Observations:	Piece of 2" x 4" wood approximately 8" long with four nails Approx 12" bgs
Photographs:	1 of Flag 1 of Anomaly
Samples Collected:	No samples collected
Other Notable Information:	None
Site Drawings:	None

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Comment Number	**Commenter**	**Page(s)**	**Section**	**Line(s)**	**Comment**	**Response Code**	**Response**
1	NMED		Appendix D		The Permittee included a Health and Safety Plan in Appendix D. While Permit Attachment 4, Section 4.1.2, requires a Health and Safety Plan, the plan is required to be developed and submitted as a stand-alone document. It must be removed from the current Work Plan, and all future document submittals.	**A**	**The Health and Safety Plan will be removed from the Work Plan.**
2	NMED		Appendix F		Appendix F (Release Assessment Site Reconnaissance Forms and Field Notes), contains information not relevant to the Work Plan. The Permittee must remove the entire Appendix. Only information germane to the site investigations should be included in the revised Work Plan.	**D**	**Appendix F contains information that is relevant, for Army records, about the Parcel 6 site investigations. Appendix F describes the field observations and sampling locations for the Release Assessment activities and documents the findings for each individual site within the larger AOCs.** **Appendices F, I, and N (Appendix B) will be put on a CD to reduce the size of the Work Plan.**
3	NMED		Global		In the Scope of Activities Sections for each Solid Waste Management Unit (SWMU) and/or Area of Concern (AOC), the Permittee does not discuss sampling procedures and methods for either previous sampling efforts or proposed sampling. The Permittee must include a section describing investigation methods, discussing the sampling methods (e.g., discrete, multi-incremental (MI), composite) and procedures (e.g., split spoon, shovel) including the proposed sampling depths, rationale for the locations (e.g., visible staining , evidence of disturbance), sample handling, and other topics relevant to the investigations. Groundwater sampling also must be discussed (e.g., purging methods, field water quality testing). The Permittee should refer to the RFI Work Plan for Parcel 22, dated September 18, 2009, Section 10 (Investigation Methods), for an example of the level of detail required to be included in the revised Work Plan. This requirement applies to all future Work Plan submittals.	**E**	**Soil investigation activities are described in detail in Section 4 (Investigation Methods), in the QAPP (Appendix C) and the Investigation-Derived Waste Management Plan (Appendix E). Section 4 of this Work Plan is similar to Section 10 of the RFI Work Plan for Parcel 22. For clarification, additional discussion of soil and groundwater sampling procedures and methods will be added to Section 4 as noted in the comment.**
4	NMED		Tables		The Permittee includes a number of tables presenting previous sampling details as well as tables containing the proposed sampling locations. However, the Permittee does not include the sampling depths for either the previous sampling or the proposed sampling events. The Permittee must revise the Work Plan data tables to include both the previous and proposed sampling depths. (See Comment 3)	**A**	**As described in Section 4.4.6, the Sample ID includes the sample location and sample depth. For clarification, tables will be revised to include specific columns with the sample depths and locations.**
5	NMED		Tables		In a number of tables throughout the Work Plan, the Permittee lists explosives with no New Mexico Water Quality Control Commission (NMWQCC) standards or EPA MCLs levels. If there are no NMWQCC standards or MCLs for a given analyte, the Permit requires the use of the most recent EPA Human Health Medium-Specific Screening Levels (HHMSSLs) for tap water as cleanup levels (Section 7.1 of Permit Attachment 7). The HHMSSLs have been replaced by EPA's Regional Screening Levels (RSLs); therefore, the Permittee must revise the tables to compare the explosives concentrations to the appropriate RSLs. The revised tables must be included in the revised Work Plan.	**A**	**The relevant tables will be revised as requested to include the most recent regulatory standards.**

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6	NMED		10 through 18		In Sections 10 through 18, the Permittee proposes "no further action (NFA)" for AOCs (AOC 42: Building 516; AOC 61: Building 507; AOC 75: Electrical Transformers; AOC 78/82: Feature 18; AOC 79: Feature 2; AOC 80: Feature 9, AOC 81: Feature 11; AOC 83: Feature 22; AOC 84: Feature 12) even though multi-incremental (MI) sampling is the sole method of sampling. The Permittee must revise the Work Plan to explain the basis for locations of the MI sampling decision units, (i.e., the basis for MI sampling, investigation of surface versus subsurface contamination), and describe the depths of the MI sampling. MI sampling is not an appropriate method to use at these sites for development of decision level data. MI sampling is only accepted by NMED as a screening tool and further characterization is required at these sites, with the exception of AOC 79 (see specific comments for sampling details).	**A**	**Additional clarification will be added in the appropriate sections to describe the rationale for locations of the MI sampling decision units.**
7	NMED		Global		The Permittee used MI sampling data in the human health risk assessments. This approach does not comply with NMED requirements for these types of sites. The Permittee must demonstrate that cleanup levels have been achieved using NMED-approved assessment methods. The Permittee must revise the applicable section(s) to propose sampling procedures that are approved for use in conducting risk assessments. The Permittee must demonstrate that cleanup levels have been achieved using NMED-approved sampling methods and/or propose further corrective action.	**A**	**Comment acknowledged. Discrete soil samples will also be collected at some sites to verify MI sampling results and support risk assessment evaluations.**
8	NMED		Maps		All maps included in the Work Plan are shown in a very small scale and are therefore illegible. Additionally, labels are unclear. Maps must be of a large enough scale so that site features and sampling location labels are clear and legible. A Parcel 6 facility – wide map showing general site features must be included. In addition, the Permittee must revise the maps and figures to include contour lines and/or drainage patterns for each SWMU or AOC. The Work Plan must be revised accordingly.	**A**	**Appropriate maps will be modified from 8.5x11-inches to 11x17 inches. Parcel 6 facility-wide maps are included as Figures 1-1 through 1-3 and 3-1 through 3-5. However, for clarification, each individual AOC or SWMU section in the Work Plan will also be revised to include a location map of the site within a facility-wide map. Topographic contours will be added to select maps as appropriate.**
9	NMED	5-2	5.1.3.1	4-6	In Section 5.1.3.1 (Existing Subsurface Infrastructure), page 5-2, lines 4-6, the Permittee states that "[a] grated sump is located in the south central portion of the original portion of the building. Field observations indicated that the sump did not have an outlet." The Permittee did not note if the sump had a concrete or soil bottom. There is a potential that material from within the building may have migrated to groundwater via the sump. If the Permittee determines that the base of the sump is unlined or if the concrete is cracked or otherwise damaged, the Permittee must collect at least one soil sample at the water table. The soil sample must be analyzed for RCRA metals, semi-volatile organic compounds (SVOCs), volatile organic compounds (VOCS), and explosives. The Work Plan must be revised accordingly.	**E**	**The sump in question was inspected by Steven Smith of the U.S. Army Corps of Engineers on February 6, 2010 and was found to be intact with a concrete bottom. The concrete was not cracked so sampling will not be performed. The building is planned for demolition in the Spring of 2010. Soil beneath the building will inspected for releases and sampled if visual observation indicates a release.**
10	NMED	5-4	5.2.2	6-7	In Section 5.2.2 (Sampling Data), page 5-4, lines 6-7, the Permittee states that "[o]ne surface soil sample was collected from the ground surface immediately down-slope of the pipeline outfall into the arroyo". In Section 5.4.1(Borehole Installation and Soil Sampling) the Permittee states that "[o]ne boring will be advanced adjacent to the connection between the drain line that served the floor drains in the southern addition to Building 600 and the main drain line that discharged to the western arroyo." The	**A**	**One additional soil boring will be added near the outfall to the arroyo with samples collected at 5 and 10 feet below ground surface and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal. Soil samples will be analyzed for RCRA metals,**

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					Permittee does not propose to advance soil borings at the locations of the outfall near the arroyo. The Permittee collected one surface soil sample in the past; however one sample does not provide enough information to determine if contamination has migrated to groundwater. The Permittee must therefore advance at least one soil boring to the water table at the cesspool outfall near the arroyo (See Attachment 1 for soil boring details). The Permittee must collect soil samples at depths of five and ten feet below ground surface (bgs), and at least one sample at the water table. The Permittee must include RCRA metals, SVOCs, VOCS, and explosives in the analytical suite. The Permittee must include the proposed sampling details, and an updated figure that depicts the proposed sampling location in the revised Work Plan.		**VOCs, SVOCs, and explosives.**
11	NMED	5-13	5.4.1	28	In Section 5.4.1(Borehole Installation and Soil Sampling), page 5-13, line 28, the Permittee states that "[s]ample locations, depths, and analytical parameters are summarized in Table 5-3." The Permittee did not include sampling depths or sample locations in Table 5-3. The Permittee must revise the table accordingly in the revised Work Plan.	**A**	**As described in Section 4.4.6, the Sample ID includes the sample location and sample depth. For clarification, the tables will be revised to include specific columns with the sample depths and locations. Table 5-3 has been revised to include the sample locations and depths.**
12	NMED	5-14	5.4.1	10-16	In Section 5.4.1, (Borehole Installation and Soil Sampling), SWMU 4: Building 600 (former Building 539), page 5-14, lines 10-16 the Permittee states, "[o]ne boring will be advanced within the former cesspool, as possible. This boring will be advanced to evaluate the sediment or sludge remaining at the base of the cesspool and to confirm the results from previous borings located adjacent to the cesspool. The boring will be advanced to the base of the cesspool with an analytical sample collected from the bottom one foot interval of the base of the cesspool, expected to be 9- to 10-feet bgs. Further inspection of the cesspool will also be completed to evaluate whether the cesspool should be removed and appropriately abandoned." The boring must be completed to the water table and a soil sample must be collected at that depth (see Attachment 1 for details). The Permittee must also collect soil samples at depths of one and five feet beneath the base of the cesspool, and at every ten feet thereafter, to evaluate whether contamination has migrated to groundwater. Soil sample analyses must include RCRA metals, SVOCs, VOCS, and explosives. The Permittee must include the proposed sampling details as well as a revised figure depicting the proposed sampling locations in the revised Work Plan.	**A**	**One additional boring will be advanced immediately adjacent to the expected downgradient side of the cesspool. Soil samples will be collected at 1 and 5 feet below the base of the cesspool and every ten feet thereafter to the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal. Drilling through the bottom of the cesspool is not practical due to its stone bottom. Soil samples will be analyzed for RCRA metals, VOCs, SVOCs, and explosives. The additional investigation activities were added to Section 5.4.1.**
13	NMED	5-14	5.4.1	32-36	In Section 5.4.1, (Borehole Installation and Soil Sampling), SWMU 4: Building 600 (former Building 539), page 5-14, lines 32-36, the Permittee states, "Table 5-3 summarizes the proposed soil sampling at SWMU 4. All samples will be analyzed for VOCs (EPA Method 8260B); SVOCs (EPA Method 8270C); RCRA metals (EPA Method 6010B and Method 7471B); and explosives (EPA Method 8330), with the exception of the cesspool sample which will only be analyzed for explosives (EPA Method 8330). All samples will be analyzed in accordance with the project QAPP (Appendix C)." Since Building 600 was used as an ammunition workshop, change house and laundry, and interior drains at one time drained to the cesspool, the Permittee must also include VOCs, SVOCs, and RCRA metals in the analytical suite for the soil samples collected at the cesspool. The Permittee must revise the Work Plan to include	**A**	**The cesspool sediment sample will be analyzed for RCRA metals, VOCs, SVOCs, and explosives. The additional investigation activities were added to Section 5.4.1.**

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					these changes.		
14	NMED		6.2		In Section 6.2 (Previous Investigations-SWMU 8 (Building 537)), the Permittee includes a number of references that briefly discuss previous sampling investigations at SWMU 8; however, the Permittee does not discuss sampling depths, nor are the depths included in Tables 6-1 as stated in the Work Plan. Although the Permittee has investigated this site in the past, the vertical and/or horizontal extent of contamination has not been determined. The Permittee must therefore collect additional samples, as stated in Comments 15, 16, 17, and 18 below, and revise the Work Plan accordingly.	**A**	**The tables in section 6 will be revised to include sample depths as appropriate.**
15	NMED	6-1	6.1	21-25	In Section 6.1 (Background), page 6-1, lines 21-25, the Permittee states that a foundation slab was located approximately 50 feet east of Building 537 and that the slab may have been used as a wash rack for forklifts. The Permittee also states that "[t]he foundation slab had a center drain that discharged, via a 6-inch diameter vitrified clay pipe, to an earthen ditch between Building 537 and the slab." The Permittee does not propose to collect soil samples from the drain or earthen ditch where the drain discharged. The Permittee must collect a soil sample from beneath the drain and also the drain outfall within the ditch. Soil samples must be collected directly beneath the base of the drain and at one, five and ten foot depth increments and at the water table at the drain outfall location. The analytical suite must include oil range organics (ORO), polychlorinated biphenyls (PCBs), pesticides, explosives, RCRA metals, perchlorate, VOCs, and SVOCs. The Permittee must revise the Work Plan and the associated figures accordingly.	**A**	**The area near the former drain outfall has been excavated. One boring will be added near the presumed location of the former drain outfall. Soil samples will be collected at 5 feet bgs and then at 10 foot increments to the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal. Soil samples will be analyzed for RCRA metals, VOCs, SVOCs, explosives, PCBs, pesticides, perchlorate, and Total Petroleum Hydrocarbons (TPH) waste oil range organics. The additional investigation activities were added to Section 6.4.1.**
16	NMED	6-1	6.1.2		In Section 6.1.2 (Surface Conditions), page 6-1, the Permittee states that "[a] small drainage feature begins immediately to the south of Building 537 and then drains to the east of the building in a northerly direction." The Permittee does not propose to collect soil samples from within the drainages in the vicinity of Building 537. The Permittee must revise the Work Plan to propose the installation of additional soil borings within the drainages or topographic lows (See Attachment 1 for details). The Permittee must include the proposed soil boring locations as well as propose to collect soil samples from depths of one and five feet bgs. The analytical suite must include PCBs, pesticides, explosives, RCRA metals, perchlorate, VOCs, and SVOCs.	**A**	**This area was previously investigated; however, soil borings SB03 and SB04 will be moved to the west to be located within the drainage feature. Soil samples will be collected at 1 and 5 feet bgs and analyzed for RCRA metals, VOCs, SVOCs, explosives, PCBs, pesticides, and perchlorate. The changes to the soil boring locations were added to Section 6.4.1.**
17	NMED		6.4.1		In Section 6.4.1, (Borehole Installation and Soil Sampling), the Permittee states that 16 borings will be advanced; however, in the same section (line 12) the Permittee states that 13 borings will be advanced. Figure 6-4 and Table 6-2 indicate that only 13 borings are proposed to be advanced. The Permittee must revise the Work Plan to correct this discrepancy. In addition to the proposed soil borings and soil sampling depths, the Permittee must collect soil samples at the water table from the proposed locations of soil borings 0608-SS05 and 0608-SB01. The Permittee must also refer to	**A**	**The total number of borings will be corrected. With the additional borings from comments 15 and 18, the total number of borings for this site will be 15. Perchlorate will be added to the analyte list as requested. As described in Section 4.4.6, the Sample ID includes the sample location and sample depth. For clarification, the tables**

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					Attachment 1 for soil boring details. The Permittee must analyze all soil samples for PCBs, pesticides, explosives, RCRA metals, perchlorate, VOCs, and SVOCs. The Permittee must also revise Table 6-2 to include the proposed sampling depths and include a revised figure depicting the proposed sample locations.		**will be revised to include specific columns for the sample depths and locations. The changes were to Table 6-2.**
18	NMED		6.4.1		In Section 6.4.1, (Borehole Installation and Soil Sampling), the Permittee states that 16 borings will be advanced in and around SWMU 8; however the Permittee does not propose to collect soil samples at the outfall location near the arroyo. The Permittee must advance one soil boring at the outfall location in the arroyo. Soil samples must be collected at 5, 10, and 20 feet bgs and one sample also must be collected at the water table. The Permittee must advance the soil boring in accordance with guidance provided in Attachment 1. Soil sample analyses must include PCBs, pesticides, explosives, RCRA metals, perchlorate, VOCs, and SVOCs. The Permittee must revise the Work Plan accordingly.	**A**	**One additional soil boring will be added near the outfall to the arroyo. Soil samples will be collected at 5, 10, and 20 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal. Soil samples will be analyzed for RCRA metals, VOCs, SVOCs, explosives, PCBs, pesticides, and perchlorate. The changes were made to Section 6.4.1.**
19	NMED		Table 6-1		In Table 6-1, Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537, lead concentrations in sample PSB013 (517 mg/kg) exceeds the residential cleanup level of 400 mg/kg. The detected lead concentration is not highlighted in the table and the exceedance is not mentioned in the text. The Permittee must revise the table to highlight all exceedances and revise the text to discuss exceedances of screening levels. The Permittee must revise the Work Plan to include these changes.	**A**	**The referenced cell in Table 6-1 will be shaded since it exceeded the residential cleanup level for lead of 400 mg/kg. This sample location is within the extent of the area proposed for excavation as shown in Figures 6-3 and 6-4. This area will be excavated following additional delineation of the site. Additional delineation is needed to verify the full extent of excavation required as part of the corrective action for the site.**
20	NMED		6.0		In Section 6.0, Figures 6-2 and 6-4 show a black dashed line; however, it is unclear what the black dashed line represents. The Permittee must provide a description for this line in the legends for Figures 6-2 and 6-4. The Permittee must submit the corrected figures in the revised Work Plan.	**A**	**The black dashed line shows the extent of the drainage depression. The legend will be revised to identify the drainage. Figure 6-3 and 6-5 were modified to explain the black dashed line.**
21	NMED	7-10 and 7-11	7.4.2	36-39 and 1-2	In Section 7.4.2, (Borehole Installation and Soil Sampling), SWMU 11: Building 541 and 542, page 7-10, lines 36-39 and page 7-11, lines 1-2, the Permittee discusses the completion of four borings adjacent to the loading dock on the eastern side of Building 542. There is also a loading dock on the western side of the building that has not been investigated. The Permittee must also advance at least four soil borings along the loading dock on the western side of Building 542 (See Attachment 1 for guidance). Soil samples must be collected as proposed in the Work Plan; however, the Permittee must ensure that each soil boring is advanced to the water table and that a soil sample is collected at the water table. This applies to all soil borings. The analytical suite must include VOCs, SVOCs, RCRA metals, explosives, and perchlorate. Additionally, because railroad tracks are located along the eastern side of the building, the Permittee must analyze the soil samples collected at the 5 to 6 foot depths on the	**A**	**Four additional borings will be advanced along the loading dock on the western side of Building 542. This area is paved with asphalt, which will require coring through the asphalt. Discrete soil samples will be collected from 6-12 inches into native soil below the asphalt, in lieu of the MI samples mentioned in Section 7.4.2, and then at 5, 10, 15, and 20 feet below ground surface.** **Based on the bedrock surface elevation map, no alluvial groundwater is believed to exist in the vicinity of SWMU 11 (*Supplemental Groundwater*

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					eastern side of the building for diesel range organics (DRO). The Permittee must revise the Work Plan to include the additional sampling. The Permittee must also include a figure that depicts all proposed boring locations.		***Investigation – Administration and TNT Leaching Bed Areas, Fort Wingate Depot Activity*. Terranear PMC, March 24, 2006). Soil borings will advanced to the water table with soil samples collected at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal. Soil samples will be analyzed for RCRA metals, VOCs, SVOCs, explosives, and perchlorate. Additionally, the samples collected at 5 to 6 foot depths on the eastern side of Building 542 will be analyzed for DRO. Section 7.4.2 was revised to reflect these changes.**
22	NMED	7-7	7.2.2	11-12	In Section 7.2.2 (Sampling Data), page 7-7, lines 11-12, the Permittee states that "[o]ne sediment sample was collected from inside the cesspool and analyzed for explosives, TAL metals, TCL VOCs and TCL VOCs." One sediment sample is not sufficient to characterize the underlying soil and/or groundwater. The Permittee must advance at least one soil boring and collect soil samples at 5, 10, and 20 feet bgs, and at the water table (See Attachment 1 for guidance). Soil samples must be analyzed for explosives, RCRA metals, VOCs, SVOCs, and perchlorate. The Permittee must ensure that during the advancement of the soil boring the cuttings are logged and described in detail. The Permittee must revise the Work Plan accordingly as well as provide a revised figure depicting the proposed soil boring location.	**A**	**One additional soil boring will be advanced adjacent to the cesspool with soil samples collected at 5, 10, and 20 feet bgs, and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal. Based on the bedrock surface elevation map, no alluvial groundwater is believed to exist in this area (*Supplemental Groundwater Investigation – Administration and TNT Leaching Bed Areas, Fort Wingate Depot Activity*. Terranear PMC, March 24, 2006). Samples will be analyzed for RCRA metals, VOCs, SVOCs, explosives, and perchlorate. Section 7.4.2 was revised to reflect these changes.**
23	NMED	7-7	7.2.2	18-19	In Section 7.2.2 (Sampling Data), page 7-7, lines 18-19 the Permittee states that "[o]ne surface soil sample was collected immediately down-slope from the location of the cesspool outfall and analyzed for explosives, TAL metals, TCL VOCs, TCL SVOCs." One surface soil sample is not representative of the underlying soils. The Permittee must advance one soil boring in the vicinity of the cesspool outfall location (See Attachment 1 for details). Soil samples must be collected at depths of one, five and ten feet bgs and at the water table. The soil samples must be analyzed for explosives, RCRA metals, VOCs, SVOCs, and perchlorate. The Permittee must ensure that during the advancement of the soil boring the cuttings are logged and described in detail. The Permittee must revise the Work Plan to include these changes and a figure depicting proposed soil boring location.	**A**	**One additional soil boring will be advanced at the cesspool outfall location with soil samples collected at 1, 5, and 10 feet bgs, and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal. Based on the bedrock surface elevation map, no alluvial groundwater is believed to exist in this area (*Supplemental Groundwater Investigation – Administration and TNT Leaching Bed Areas, Fort Wingate Depot Activity*. Terranear PMC, March 24, 2006). Samples will be analyzed for RCRA metals, VOCs, SVOCs, explosives, and perchlorate. Section 7.4.2 was revised to reflect these changes.**

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24	NMED	7-7	7.2.2	39-42	In Section 7.2.2 (Sampling Data), page 7-7, lines 39-42, the Permittee states "[t]en soil borings were advanced using hollow stem auger (HSA) drilling to a depth of 10 feet bgs within and adjacent to the septic tank drain field." Based on the previous sampling results, the vertical extent of potential contamination is unknown; therefore, the Permittee must advance one soil boring near the center of the drain field (See Attachment 1 for guidance). Soil samples must be collected at depths of 5, 10, and 20 feet bgs and at the water table. Soil sample analyses must include VOCs, SVOCs, RCRA metals, explosives, and perchlorate. The Permittee must ensure that during the advancement of the soil boring the cuttings are logged and described in detail. The Permittee must revise the Work Plan accordingly.	A	**One additional soil boring will be advanced near the center of the septic tank drain field with soil samples collected at 5, 10, and 20 feet bgs, and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal. Based on the bedrock surface elevation map, no alluvial groundwater is believed to exist in this area (*Supplemental Groundwater Investigation – Administration and TNT Leaching Bed Areas, Fort Wingate Depot Activity*. Terranear PMC, March 24, 2006). Samples will be analyzed for RCRA metals, VOCs, SVOCs, explosives, and perchlorate. Section 7.4.2 was revised to reflect these changes.**
25	NMED	7-11	7.4.2	8-12	In Section 7.4.2 (Borehole Installation and Soil Sampling), page 7-11, lines 8-12, the Permittee states that "[o]ne boring will be advanced adjacent to the former septic tank roughly 200 feet southwest of the building. The boring will be advanced to roughly 10 feet bgs with analytical samples collected at the 5 to 6 feet bgs and 10 to 11 feet bgs interval." In addition to the proposed sampling depths, the Permittee must also collect a sample at the water table. The analytical suite for all soil samples collected must include VOCs, SVOCs, RCRA metals, explosives, and perchlorate. The Permittee should refer to Attachment 1 for guidance. The Permittee must also revise the Work Plan to include these changes.	A	**The boring near the septic tank will be advanced to the water table with samples collected at 5 and 10 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal. Based on the bedrock surface elevation map, no alluvial groundwater is believed to exist in this area (*Supplemental Groundwater Investigation – Administration and TNT Leaching Bed Areas, Fort Wingate Depot Activity*. Terranear PMC, March 24, 2006). Samples will be analyzed for RCRA metals, VOCs, SVOCs, explosives, and perchlorate. Section 7.4.2 was revised to reflect these changes.**
26	NMED				The Permittee must propose subsurface explorations west-northwest (WNW) of Building 542 in the vicinity of the arroyo to evaluate the presence of sand stringers and other potential water-bearing zones. The Permittee must install monitoring wells in any water-bearing zones encountered. The Permittee must revise the Work Plan to include the proposed boring locations WNW of Building 542 (closer to the arroyo) and provide a figure that depicts the proposed geoprobe locations.	E	**Based on the bedrock surface elevation map, no alluvial groundwater is believed to exist in this area (*Supplemental Groundwater Investigation – Administration and TNT Leaching Bed Areas, Fort Wingate Depot Activity*. Terranear PMC, March 24, 2006). As discussed with the NMED, soil borings will be advanced to the water table. Installation of an additional groundwater monitoring well at this location will be evaluated based on the results of the soil boring investigation as discussed in the comments above. Section 7.4.2 was revised to reflect this change.**

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27	NMED	8-8	8.4	17-22	In Section 8.4, (Scope of Activities), SWMU 20: Feature 4 (Western Landfill), page 8-8, lines 17-22, the Permittee states that, "[f]ield activities will include the advancement of one soil boring at the site. An approximate borehole location is shown in Figure 8-1 although the final location will be selected based on the findings from an aerial magnetometer survey that is being conducted at the SWMU 20 area as part of a separate effort in the fall of 2008. A MI surface soil sample will be collected and analyzed for explosives (EPA Method 8330) at the boring location. All other samples will be collected as discrete samples." The Permittee must provide more detail regarding the location of the soil boring; the criteria for locating the boring are not clear. There were four main trenches found at the Western Landfill, and although the debris in the landfill has been removed, more testing must be included in the investigation beyond one soil boring with a sampling depth of five feet. The Permittee must revise the Work Plan to propose to conduct a Ground Penetrating Radar (GPR) survey over the Western Landfill in order to identify disturbed areas. The Permittee must create a map of the area based on the GPR survey. Further investigation of the Western Landfill, to ensure that the vertical and horizontal extent of the contamination is defined, will be based on the GPR results.	**D**	**The waste trenches at SWMU 20 have been fully characterized and excavated. As presented in Table 8-1, pages 8-17 to 8-24, 63 confirmation samples were collected below the excavated trenches and were found to be below applicable SSLs as specified in permit section Attachment 7, Section 7.2. Corrective action has been taken at this site, the trenches backfilled with clean soil and graded. The Army believes this previous corrective action and confirmation sampling was consistent with the current requirements of the Permit and proposes no additional action at the four trenches.** **Feature 4 is the only area within SWMU 20 that has not been investigated. Feature 4 is an area separate from the former landfill waste trenches. As discussed in the text, Feature 4 was identified by historical aerial photography as disturbed ground. This area is believed to be disturbed due to its close proximity to the arroyo which would periodically overflow its bank. There is no evidence of previous facility operations within Feature 4. As such, soil samples will be collected in the area that appeared to be the most disturbed in the historical aerial photography to evaluate the presence or absence of contamination at the site. Additional clarification regarding the sampling methodology will be added to the text. Investigation by GPR survey is not warranted at this location based on the lack of evidence for historical operations at Feature 4. Results of the aerial magnetometer survey will be included in the work plan. Section 8.2.2 was revised to present the aerial magnetometer survey data.**
28	NMED	9-8	9.3.5	9-17	In Section 9.3.5, (Scope of Activities), AOC 28: Igloo Block B, page 9-8, lines 9-17, the Permittee states, "[b]ased on the release assessment investigation results, the following recommendations are made for AOC 28: It is recommended that one composite sample comprised of soil from under each drain outfall be collected at the remaining AOC 28 igloos that have not been sampled, with the exception of the eight Conditional Exemption igloos that will be excluded until after their use ends. One MI sample comprised of 5 sub-samples each from the Igloo aprons will be collected. One MI sample comprised of 10 sub-samples will be collected from each revetment. The collected soil samples should be analyzed for explosives using EPA Method 8330	**A**	**The sampling methodology in the Work Plan will be revised according to NMED comment 22 of the Parcel 22 RFI Work Plan. Appropriate samples will be collected from 0-3 inches bgs for igloos and 2-6 inches bgs for revetments. Section 9.4 was revised to incorporate this change.**

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					and for RCRA metals using EPA Methods 6010B and 7471A." The Permittee must follow the requirements set forth in previous letters (e.g., NOD for Parcel 22 dated June 23, 2009; NOD for Parcel 4 dated July 22, 2009) regarding igloo sampling. MI samples must be taken from two depths: 0-6 inches and 6-12 inches bgs. The MI decision units must encompass any drainages or topographic depressions located around each igloo. If the road constitutes a drainage divide opposite any igloo, the Permittee may exclude the decision unit located across the road from the proposed sampling areas; however, the same number of sub-samples must be collected from each decision unit at each igloo. The Permittee must also include the various types of aprons located in front of each igloo in the associated figure(s) (this may result in the need for multiple figures). The Permittee must revise the Work Plan to include these changes.		
29	NMED		9.3.5		In Section 9.3.5, (Scope of Activities), AOC 28: Igloo Block B, the Permittee does not discuss sampling the interior of igloos. Igloos were used for the storage of munitions and explosives materials for decades; it is therefore likely that spills or leaks have occurred. The Permittee must collect seven swipe samples from the floor of each of the igloos to evaluate for the presence of residues that may have accumulated during past storage operations. Three swipe samples must be collected from the center of each igloo in the front, middle, and back of the floor and the remaining two swipe samples must be collected from statistically random locations on the floor. In addition, the Permittee must collect one swipe sample from each of the indoor drainage troughs, along a span extending three feet from the drain outlet. All swipe samples must be analyzed for arsenic, barium, lead, and mercury using X-ray fluorescence (XRF) or laboratory analysis. Two of the seven swipe samples collected (one from the floor and one from a drainage trough) must be sent to the laboratory for verification of the XRF results if XRF is used. The laboratory analysis of each sample must include RCRA metals (if XRF is not used or if used for the verification of samples), explosives (using Method 8330), nitrates, and perchlorate. The Permittee must revise the Work Plan to include a figure with the proposed igloo swipe sampling locations, and a discussion of the proposed sampling.		**The Army BRAC Headquarters will be providing a letter to the NMED on the sampling of igloo interiors in Parcel 22. The sampling of igloo interiors in Parcels 4 and 6 will be similar to those proposed for Parcel 22.**
30	NMED		9.3.5		In Section 9.3.5 (Scope of Activities), AOC 28: Igloo Block B, the Permittee states that "one composite sample comprised of soil from under each drain outfall be collected at the remaining AOC 28 igloos that have not been sampled…" The Permittee must describe the sampling in more detail. A description of the methods proposed to determine the difference between native soil and wind blown soil must be included. The Permittee must also describe any differences in the proposed sampling approach for the different types of drains (e.g., buried versus unburied). The Permittee must revise the Work Plan to describe the sampling methods and procedures in greater detail.	**A**	**Additional clarification regarding sampling near the igloo drain outfalls will be added to the Work Plan. If the drain outfall is buried soil will be removed to reveal the drain and the sample will be collected under the drain. If the drain is already exposed then surface soil (0-6 inches) will be sampled under the drain outfall. The sampling methodology will follow the method approved by the NMED for Parcel 22. Section 9.4 was revised to reflect this change.**

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31	NMED		12.0		In Section 12.0, AOC 75: Electrical Transformers, the Permittee discusses the four electrical transformers found within Parcel 6. No surface staining was observed at any of the transformer locations, and two of the transformers were labeled "no PCBs". MI sampling was conducted at each of the four locations; PCBs were not detected in any of the samples. MI sampling may only be used as a screening tool and does not specifically apply to characterization at this AOC. In addition, it is unknown at what depths the MI soil samples were collected and if the samples were collected from directly beneath the pole-mounted transforms, or from each side of the pad-mounted transformer. The Permittee must therefore collect one discrete soil sample from directly beneath each pole-mounted transformer from a depth of 1-6 inches bgs. The Permittee must also collect one soil sample from each side of the concrete pad transformer and composite the soil sample for analysis. The soil samples must be analyzed for PCBs. The Permittee must revise the Work Plan to include these changes and figures depicting the previous MI decision units (sampling grids) and the proposed sample locations.	**A**	**Additional discussion will be added to the Work Plan regarding the MI sampling depths. The Work Plan will be modified to include additional discrete soil sample collection from a depth of 1 to 6 inches under each transformer to support risk assessment evaluations at AOC 75. Section 12.4.1 was added to present the proposed discrete soil sample collection.**
32	NMED		13.0		In Section 13.0, AOC 78/82: Feature 18, the Permittee discusses four features that were identified through aerial photography. The Permittee states that these sites either were used for munitions storage and were open storage sites, or were standard ammunition magazines. NMED's review of aerial photographs did not find evidence of temporary buildings at these sites, although there is evidence of ground disturbance. The 2006 *Aerial Report* referenced in Section 13.2.1 supports this finding. The electromagnetic (EM) geophysical survey of the area found that two of sites (referred to as A and D) had grid-like patterns of anomalies that match the shape of a building. Anomalies were found outside the grid patterns at areas A and D; it is not clear from the Geophysical Report if these anomalies were examined in the field. The EM survey was capable of detecting metal objects to a depth of 20 inches, but it is not clear if the Permittee investigated soils deeper than 20 inches bgs. The Permittee must revise the Work Plan to include all the details related to the geophysical survey. The Permittee must propose to excavate exploratory test pits in the areas where EM was used in order to determine if there is buried waste at depths greater than twenty inches bgs. The test pits must be no less that 5 feet in depth and their proposed locations must be provided in a figure in the revised Work Plan. In addition, the Permittee collected MI soil samples from random locations within the AOC footprint; however, it is unclear why the Permittee chose to collect MI samples at the specified location rather than sampling within the entire AOC footprint. The Permittee must discuss this in further detail in the revised Work Plan.	**D**	**Appendix J3 of the Historical Information Report includes typical construction drawings of the buildings that were formerly present at these sites. Sheets C-10-4 and A-14-4 indicate the locations of former temporary buildings. They are labeled as Z-223, Z-224, Z-227, Z-228.** **Based on the geophysical survey and subsequent field verification of magnetic anomalies conducted at this site, the Army believes additional intrusive investigation is not warranted. AOC 78/82 is similar to AOC 79, which the NMED concurs that no further characterization is required in comment 33. Both AOC 78/82 and 79 had temporary buildings with "X" and "Z" designations. As presented in Appendix N (Geophysical Anomalies Investigation Report) of the Work Plan, geophysical anomalies were field verified by excavation in all four areas of AOC 78/82. Excavated anomalies were consistent with metallic debris left over from the demolition of the former temporary storage buildings (nails, angle iron, etc.) which were historically present at AOC 78/82. For clarification to the comment, area B and D had grid-like patterns not area A.** **The EM survey was capable of detecting metal objects to depths greater than the 20 inches bgs noted in the comment. Geophysical anomalies**

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							were located and excavated at all four locations in AOC78/82 to depths of 36 inches below ground surface. No munitions related debris was recovered during the intrusive investigation and the site history is not consistent with burial of items below the depth investigated. **As described in section 13.2.1 of USACE, October 2007, Report of Investigation for Potential Environmental Areas of Concern, Ft. Wingate Depot Activity, NM, many sites similar to this have been sampled across the facility and no releases have been identified.** **The MI sample locations were chosen to represent the areas that would most likely be affected by previous operations at the individual sites as determined during the field investigation. Each of the eight decision units for the MI sampling was 100 feet by 100 feet in size. The area of each decision unit is slightly less than 0.25 acre and was selected as representative of a residential lot size.** **The Army proposes no further action at the site.**
33	NMED		14.3.8		In Section 14.3.8 (Scope of Activities), the Permittee requests "NFA" at AOC 79. The Permittee collected a limited number of sample increments which are not representative of the entire AOC 79 footprint. Moreover, the sampling was not conducted in accordance with the MI sampling method. Despite these limitations, based on the geophysical survey results NMED concurs that no further characterization is necessary at AOC 79.	**A**	**No further action at AOC 79 is acknowledged**
34	NMED	15-4	15.3.3	23-27	In Section 15.3.3 (Soil Sampling), page 15-4, lines 23-27, the Permittee states that "[s]urface soil samples were collected at three general locations at AOC 80." The Permittee also states that three MI samples consisting of ten individual samples were collected from a 100 foot by 100 foot sampling grid and composited. In addition, the Permittee requests "NFA" for this AOC. Given that explosives and lead were detected, only a small portion of AOC 80 was investigated, and only ten sample increments were collected from each decision unit rather than 30, the Permittee must collect additional samples in order to sufficiently characterize AOC 80. In order to obtain an adequate assessment of constituents of concern, the Permittee must divide the current "MI sampling locations" into four 50 X 50 foot decision units and collect two MI samples (collected at of 0 to 6 and 6 to 12 inch depths) from each decision unit. Each MI sample must be comprised of a minimum of 30 increments. In addition, the Permittee	**A**	**The MI sampling locations from the release assessment investigation will be divided into additional decision units and additional decision units will be created within the AOC. Going forward, the Army recommends that the MI decision unit size be 0.25 acre or less, an area consistent with the size of a residential lot. As noted in the comment, the AOC will be re-sampled at depths of 0 to 6 and 6 to 12 inches below ground surface. Fifty MI subsample increments will be collected within each decision unit for each depth interval. As stated in the comment, MI samples will be analyzed for RCRA**

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					must create additional decision units (see attached Figure 15-1) and collect soil samples as stated above, resulting in a total of 12 decision units and an additional 24 MI samples. The soil samples collected must be analyzed for explosives and RCRA metals. The Permittee must revise the Work Plan to propose these changes.		**metals and explosives. The additional sampling and analyses activities are presented in Section 13.4.1.** **As described in section 13.2.1 of USACE, October 2007, Report of Investigation for Potential Environmental Areas of Concern, Ft. Wingate Depot Activity, NM, many sites similar to this have been sampled across the facility and no releases have been identified.**
35	NMED	16-4	16.3.3		In Section 16.3.3 (Soil Sampling), page 16-4, the Permittee states that "[o]ne MI surface soil sample was collected at AOC 81 and analyzed for explosives using EPA method 8330B and for lead using EPA Method 6010 as shown in Figure 16-1." The Permittee does not include the MI sample location in Figure 16-1, nor does the Permittee include details for the soil samples collected (see Comment 6). Additionally, one MI sample (comprised of 10 individual soil samples) does not provide enough information to sufficiently characterize the soil in and around the AOC 81 footprint (former building), nor do ten subsamples conform with the MI sampling method. The Permittee must therefore create 50 X 50 foot decision units to encompass the entire former building footprint, as well as the area directly adjacent to the building. The Permittee must collect two MI samples (collected at 0 to 6 and 6 to 12 inch depths) from each decision unit. Each MI sample must be comprised of a minimum of 30 increments of soil (the number of MI samples must be based on the amount of decision units created). The soil samples collected must be analyzed for explosives and RCRA metals. The Permittee must revise the Work Plan to propose these changes.	**E**	**The MI sample collected for the release assessment investigation covered the entire footprint of the former temporary building. Additional clarification will be added to the text about the location of the sample. Going forward, the Army recommends that the MI decision unit size be 0.25 acre or less, an area consistent with the size of a residential lot. The AOC will be subdivided into three decision units, each 0.25 acre or less in size. Each decision unit will be sampled at 0 to 6 and 6 to 12 inches below ground surface. As noted in the comment, the AOC will be re-sampled at depth of 0 to 6 and 6 to 12 inch depths. Fifty MI subsample increments will be collected within each decision unit at each depth interval. The site is similar to AOC 79 (temporary building). Section 16.4.1 presents the revised sampling approach for AOC 81.** **Appendix M3 of the Historical Information Report includes typical construction drawings of the buildings that were formerly present at this site. Sheet A-3-5 shows a building on the site labeled X-19 and T-330. As described in section 13.2.1 of USACE, October 2007, Report of Investigation for Potential Environmental Areas of Concern, Ft. Wingate Depot Activity, NM, many sites similar to this have been sampled across the facility and no releases have been identified.**

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Comment Number	**Commenter**	**Page(s)**	**Section**	**Line(s)**	**Comment**	**Response Code**	**Response**
36	NMED		17.0		In Section 17.0, AOC 83: Feature 22, the Permittee discusses the temporary buildings, ground disturbances, and stacked material evident in aerial photographs of the site. Because of potential ground disturbances, the Permittee must conduct further investigation to determine if waste was buried at the site. The Permittee must revise the Work Plan to propose exploratory test pits or conduct a ground penetrating radar (GPR) survey.	**D**	**The ground disturbances at this site are consistent with a former temporary storage building that was once present at this site and was subsequently demolished. Note, this site was the location of temporary storage building Z-219 or X-20, not Z-332 as stated in the text. The work plan text will be corrected. There is no evidence that trenching or dumping previously occurred at this site and this sort of activity would not be expected below a building. Therefore, the Army believes a GPR study at this site is not warranted based on the site history (similar to AOC 78/82, 79-81). The aerial magnetometer survey was performed in this area and identified a rectangular pad. The identified magnetic anomalies were subsequently investigated and found to be related to the gravel pad of the former building location. The results of an aerial magnetometer survey have been added to the text in Section 17.2.1.** **Appendix N3 of the Historical Information Report includes typical construction drawings of the buildings that were formerly present at this site. As described in section 13.2.1 of USACE, October 2007, Report of Investigation for Potential Environmental Areas of Concern, Ft. Wingate Depot Activity, NM, many sites similar to this have been sampled across the facility and no releases have been identified.**
37	NMED	17-5	17.3.3		In Section 17.3.3 (Soil Sampling), page 17-5, the Permittee states that "[o]ne MI surface soil sample was collected at AOC 83 and analyzed for explosives using EPA method 8330B and for lead using EPA Method 6010 as shown in Figure 16-1." The Permittee does not include details for the soil samples collected (see Comment 6). Moreover, one MI sample (comprised of 10 individual soil samples) does not provide enough information to sufficiently characterize the soil in and around the AOC 83 footprint, nor does it conform with the MI sampling method. The Permittee must therefore create a 50 X 50 foot decision units to encompass the entire AOC footprint.	**E**	**The MI sample was collected in an area of the AOC most likely to contain contamination based on field observation. Additional clarification will be added to the text. See comment 36.** **Going forward, the Army recommends that the MI decision unit size be 0.25 acre or less, an area consistent with the size of a residential lot. The AOC will be subdivided into additional decision**

Comment Response Table							
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Comment Number	**Commenter**	**Page(s)**	**Section**	**Line(s)**	**Comment**	**Response Code**	**Response**
					The Permittee must collect two MI samples (collected and 0 to 6 and 6 to 12 inch depths) from each decision unit. Each MI sample must be comprised of a minimum of 30 increments of soil (the number of MI samples must be based on the amount of decision units created). The soil samples collected must be analyzed for explosives and RCRA metals. The Permittee must revise the Work Plan to propose these changes.		**units to provide more complete coverage of the site. The decision units will cover the gravel pad of the former building location as identified by the aerial magnetometer survey. As noted in the comment, the AOC will be re-sampled at depth of 0 to 6 and 6 to 12 inches below ground surface. A total of 50 MI sample increments will be collected within each decision unit at each depth interval. Section 17.4.1 presents the additional field investigation proposed for AOC 83.** **Appendix N3 of the Historical Information Report includes typical construction drawings of the buildings that were formerly present at this site. As described in section 13.2.1 of USACE, October 2007, Report of Investigation for Potential Environmental Areas of Concern, Ft. Wingate Depot Activity, NM, many sites similar to this have been sampled across the facility and no releases have been identified.**
38	NMED		18.0		In Section 18.0, AOC 84 Feature 12, the Permittee discusses ground disturbances and dark toned material in the imagery analysis section for the site. Because of potential ground disturbances and detection of RDX and lead, the Permittee must conduct further investigation to determine if waste was buried at the site. The Permittee must therefore revise the Work Plan to propose of exploratory test pits or a GPR survey at the site.	**D**	**As discussed in the text, the ground disturbances in this area are due to a large prairie dog colony. The site history is not consistent with trenching or burial of materials, therefore the Army believes a GPR study is not appropriate. Additionally, a GPR study in this area would be inconclusive due to the presence of the prairie dog colony. Lead was only detected at 6.2 mg/kg which is well below the *draft* background value.** **The two MI sampling locations (FWDA-AOC84-02 and FWDA-AOC84-03) that had positive detections of explosives will be re-sampled for the RFI. Going forward, the Army recommends that the MI decision unit size be 0.25 acre or less, an area consistent with the size of a residential lot. The two MI sampling locations with positive detections will be subdivided into additional decision units with dimensions of 100 feet by 100 feet. As noted in the comment, the AOC will be re-sampled at depths of 0 to 6 and 6 to 12 inches below ground surface. Fifty MI subsample increments will be collected within each decision unit at each depth interval. The Army proposes the one MI sampling unit that did not have**

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							positive detections for explosives (FWDA-AOC84-01) not be re-sampled. **The aerial magnetometer survey was performed in this area and only identified small surface anomalies. The small anomalies were subsequently investigated and determined to be the survey markers for the release assessment investigation. No large anomalies were identified, which would be characteristic of a burial area. This investigation was not completed prior to the submittal of the Work Plan, but results of this additional investigation will be added to the Work Plan for clarification. The results of the aerial magnetometer survey are presented in Section 18.2.1.** **As described in section 13.2.1 of USACE, October 2007, Report of Investigation for Potential Environmental Areas of Concern, Ft. Wingate Depot Activity, NM, many sites similar to this have been sampled across the facility and no releases have been identified.**

FORT WINGATE DEPOT ACTIVITY
MCKINLEY COUNTY, NEW MEXICO

~~*FINAL*~~*FINAL - NMED REVISED*
RCRA FACILITY INVESTIGATION WORK PLAN
PARCEL 6

~~23 February 2009~~30 April 2010

Prepared for

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Fort Worth District
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14. ABSTRACT

This RCRA Facility Investigation Work Plan summarizes previous investigations and describes field activities that will be conducted at Parcel 6 Areas of Concern and Solid Waste Management Units at Fort Wingate Depot Activity, New Mexico. This document has been prepared for submission to the New Mexico Environment Department (NMED), Hazardous Waste Bureau (HWB) as required by Section VII.F.1 of the Resource Conservation and Recovery Act (RCRA) Permit, No. NM 6213820974.

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~~Steve Martin~~
~~USACE Project Manager~~

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PREFACE

This Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Work Plan summarizes previous investigations and describes the field activities that will be conducted at the Parcel 6 Areas of Concern (AOCs) and Solid Waste Management Units (SWMUs) at Fort Wingate Depot Activity (FWDA), New Mexico. This work plan addresses the requirements of the U.S. Army Corps of Engineers (USACE) Statement of Work (SOW) dated February 19, 2008, and the two subsequent Amendments to that SOW.

This RFI Work Plan was prepared by CH2M HILL in ~~February 2009~~April 2010. Mr. Mark Patterson served as the FWDA Defense Base Realignment and Closure (BRAC) Environmental Director and Mr. Steve ~~Martin~~ Smith served as the USACE Project Manager.

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Appendixes

A – Programmatic Agreement

B – NRCS Soil Descriptions for Fort Wingate Depot Activity

C – Quality Assurance Project Plan

D – Investigation Derived Waste Management Plan~~Health and Safety Plan~~

E – Release Assessment Site Reconnaissance Forms and Field Notes (Provided on CD) ~~Investigation Derived Waste Management Plan~~

F – Release Assessment Photographs ~~Release Assessment Site Reconnaissance Forms and Field Notes~~

G – Laboratory Data and Chain of Custody Forms ~~Release Assessment Photographs~~

H – Data Quality Evaluation Report (Provided on CD)~~Laboratory Data and Chain of Custody Forms~~

I - NMED Soil Screening Levels and EPA Regional Screening Levels ~~Data Quality Evaluation Report~~

J – Survey Data ~~NMED Soil Screening Levels and EPA Region 6 Human Health Medium Specific Screening Levels~~

K – Geophysical Prove-Out Report ~~Survey Data~~

L – Geophysical Investigation Report ~~Geophysical Prove-Out Report~~

M – Geophysical Anomalies Investigation Report ~~Geophysical Investigation Report~~

N – Response to NMED and Tribal Comments ~~Metallic Anomaly Intrusive Investigation Report~~

~~O – Response to Tribal Comments~~

1

Acronyms and Abbreviations

AOC	Area of Concern
ACM	asbestos-containing material
AGM	aboveground magazine
ASC	U.S. Army Sustainment Command
ASTM	American Society for Testing and Materials
AWS	Ammunition Workshop
BRAC	Defense Base Realignment and Closure Plan of 1990
bgs	below ground surface
C	composite (type of sample)
CBU	cluster bomb
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
cm	centimeter
COPC	contaminant of potential concern
CRP	Community Relations Plan
D	discrete (type of sample)
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichlorethene
DDT	dichlorodiphenyltrichloroethane
DGM	digital geophysical mapping
~~DGPS~~	~~differential global positioning system~~
DOI	U.S. Department of the Interior
DQE	Data Quality Evaluation
DQO	data quality objective
EB	equipment blank (source of sample)
EM	electromagnetic
EP	Engineering Pamphlet
EPA	U.S. Environmental Protection Agency
°F	degrees Fahrenheit
FWDA	Fort Wingate Depot Activity
GPO	Geophysical Prove-Out
GPS	global positioning system
GNSS	global navigation satellite system
GW	groundwater (source of sample)
~~HHRB~~	~~Human Health Risk Assessment Branch (U.S. Environmental Protection Agency)~~
HMX	cyclotetramethylene-tetranitramine

HSA	hollow stem auger
HSP	Health and Safety Plan
HWB	Hazardous Waste Bureau (New Mexico Environment Department)
IDW	investigation-derived waste
IDWMP	Investigation-Derived Waste Management Plan
IRM	interim remedial measures
J	estimated value; analyte positively detected below the analytical reporting limit
LBP	lead-based paint
$\mu g/cm^2$	microgram(s) per square centimeter
µg/g	microgram(s) per gram
µg/L	microgram(s) per liter
m	meter(s)
~~M~~	~~multi-incremental (type of sample)~~
MCL	maximum contaminant level
MEC	munitions and explosives of concern
mg/kg	milligram(s) per kilogram
mg/L	milligram(s) per liter
M	
MPPEH	material potentially presenting an explosive hazard
MSL	mean sea level
MSSL	Medium-Specific Screening Levels
NAEVA	NAEVA Geophysics, Inc.
NFA	no further action
NMED	New Mexico Environment Department
NRCS	Natural Resources Conservation Service
OB/OD	Open Burn/Open Detonation
OD	Open Detonation
PA	Programmatic Agreement
PARCC	precision, accuracy, representativeness, comparability, and completeness
PCB	polychlorinated biphenyl
PID	photoionization detector
PMP	2-(dimethoxyphosphiothioylsulfanylmethyl) isoindole-1,3-dione
PPE	personal protective equipment
PVC	polyvinyl chloride
QAPP	Quality Assurance Project Plan
QA/QC	quality assurance/quality control
QC	quality control
RCRA	Resource Conservation and Recovery Act
RDX	cyclotrimethylenetrinitramine

RFI	RCRA Facility Investigation
RI	remedial investigation
RI/FS	remedial investigation/feasibility study
RL	reporting limit
RLS	Registered Land Surveyor
RSL	Regional Screening Levels (EPA)
RTK	~~real-time~~real time kinematic
SOW	Statement of Work
SB	soil boring (source of sample)
SL	sludge (source of sample)
SS	surface soil (source of sample)
SSL	Soil Screening Levels
SUXOS	Senor Unexploded Ordnance Supervisor
SVOC	semi-volatile organic compound
SW	surface water (source of sample)
SWMU	Solid Waste Management Unit
TAL	target analyte list
TB	trip blank (source of sample)
TCL	target compound list
TCLP	toxicity characteristic leaching procedure
TCP	traditional cultural property
TCS	Thermal Convection System (by PIKA International, Inc.)
TEAD	Tooele Army Depot
TM	Technical Manual
TSCA	Toxic Substances Control Act
TNT	trinitrotoluene
USACE	U.S. Army Corp of Engineers
USGS	U.S. Geological Survey
UXB	UXB International, Inc.
UXO	unexploded ordnance
VOC	volatile organic compound
WQCC	Water Quality Control Commission (New Mexico)
WSMR	White Sands Missile Range
WW	waste water (source of sample)
WWI	World War I
WWII	World War II
yd^3	cubic yards

ES.0 Executive Summary

ES.1 Executive Summary

This Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Work Plan summarizes the previous investigations and describes additional investigation activities to be completed at Areas of Concern (AOCs) and Solid Waste Management Units (SWMUs) within Parcel 6 at Fort Wingate Depot Activity (FWDA), New Mexico. Parcel 6 includes 4 SWMUs and 10 AOCs.

A companion to this document, the Historical Information Report for Parcel 6, has been prepared to compile and summarize historical documents available for Parcel 6 AOCs and SWMUs. The Historical Information Report provides further detail regarding the operational history, site or facility drawings, and environmental information contained in previously completed reports for Parcel 6 AOCs and SWMUs.

ES.2 Purpose

This RFI Work Plan has been prepared for submission to the New Mexico Environment Department's (NMED) Hazardous Waste Bureau (HWB), as required by Section VII.H.1.a of the RCRA Permit (NM 6213820974) for FWDA, which became effective December 31, 2005.

This RFI Work Plan contains information for the following SWMUs and AOCs located within, or in the case of SWMU 20 and AOC 78/82 partially within, the area designated as Parcel 6 of the FWDA:

- SWMU 4: Building 600 – Ammunition Work Shop Change House Laundry
- SWMU 8: Building 537 – Pesticide and Field Battery Shop
- SWMU 11: Buildings 541 and 542 – Ammunition Workshop
- SWMU 20: Western Landfill
- AOC 28: Igloo Block B
- AOC 42: Building 516 – Ammunition Receiving Building
- AOC 61: Building 507 – Smokeless Powder Magazine
- AOC 75: Electrical Transformers
- AOC 78/82: Feature 18
- AOC 79: Feature 2
- AOC 80: Feature 9
- AOC 81: Feature 11
- AOC 83: Feature 22
- AOC 84: Feature 12

ES.2 Proposed Investigations

Existing data have been evaluated to determine whether additional field activities are required to characterize the nature and extent of potential environmental impacts at the Parcel 6 AOCs and SWMUs. Sections 5 through 18 evaluate the existing data for individual AOCs and SWMUs, propose additional investigation activities, as needed, or make recommendations for no further action (NFA) based on the existing data. Brief summaries of the recommended actions for each Parcel 6 site are provided as follows:

- SWMU 4: Building 600

  Installation of ~~five~~ seven additional soil borings and associated soil sampling is proposed to assess possible releases from building drain lines, the cesspool, and potential site housekeeping issues in order to compile a complete data set to support NFA for the site.

- SWMU 8: Building 537

  Installation of ~~16~~ 15 additional soil borings and associated soil sampling is proposed to delineate the horizontal and vertical extent of previously detected polychlorinated biphenyls (PCBs) and pesticides concentrations in soil and to evaluate possible releases from the building septic tank.

- SWMU 11: Buildings 541 and 542

  Visual reconnaissance of the area north of Building 542 will be conducted to rectify previously reported interpretations of historic aerial photography with actual site operations and conditions. Additionally, installation of ~~eight~~ 13 additional soil borings and associated soil sampling is proposed to delineate the horizontal and vertical extent of previously detected explosives concentrations in soil, to evaluate possible releases from the building septic tank, and to assess potential releases from Building 541.

- SWMU 20: Western Landfill

  Installation of one additional soil boring and associated soil sampling is proposed to evaluate the potential presence of environmental impacts from potential undocumented historical operations at Feature 4 of SWMU 20 and to compile a complete data set to support a no further action for the site.

- AOC 28: Igloo Block B

  The Release Assessment sampling activities confirmed the presence of low concentrations of explosive compounds in soil at two of the sampled AOC igloos. Based on the confirmed presence of explosives at this AOC additional sampling is recommended to compile a complete data set to support ~~no further action~~NFA for this site. The proposed sampling includes collection ~~of one discrete soil sample from one drain outfall at the remaining ninety AOC 28 igloos that have not been sampled.~~ composite soil samples below the igloo drains and multi-incremental soil samples from the igloo aprons and revetments.

- AOC 42: Building 516

The Release Assessment sampling activities identified low concentrations of lead. -Based upon the detection of lead at this AOC, additional sampling is recommended to compile a complete data set to support NFA for this site. The proposed sampling includes collection and analysis of surface and subsurface multi-incremental soil samples in the area east of Building 516.

~~Based on the risk assessment screening evaluation of the Release Assessment data the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or~~

~~remediated in accordance with current applicable state or federal regulations. The available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use~~.

- AOC 61: Building 507

The Release Assessment sampling activities identified limited and low concentrations of explosives and lead. Based upon the detection of lead and explosives at this AOC, additional sampling is recommended to compile a complete data set to support NFA for this site. The proposed sampling includes collection and analysis of surface and subsurface multi-incremental soil samples in the area south of Building 507.~~Based on the risk assessment screening evaluation of the Release Assessment data the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations. The available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.~~

- AOC 75: Electrical Transformers

The Release Assessment investigation determined that no PCBs were detected in soil at any of the Parcel 6 transformer locations. Additional soil sampling is recommended to compile a complete data set to support NFA for this site. The proposed sampling includes collection of discrete surface soil samples at each transformer location.~~Based on no COPCs being detected during the Release Assessment, AOC 75 within Parcel 6 is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations. The available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.~~

- AOC 78/82: Feature 18

The Release Assessment conducted in July 2008 included a geophysical survey of the site and MI soil sampling. The geophysical anomalies were investigated and determined to be metallic scrap, such as nails and other metallic waste debris. No munitions and explosives of concern (MEC) items were identified during the investigation. The Release Assessment investigation identified limited and low concentrations of explosives and lead. Based on the limited number and low concentrations of COPCs detected at AOC 79, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.

- AOC 79: Feature 2

The Release Assessment conducted in July 2008 included a geophysical survey of the site and MI soil sampling. The geophysical anomalies were investigated and determined to be metallic scrap, such as nails and other metallic waste debris. No MEC items were identified during the investigation. The Release Assessment investigation identified low concentrations of lead. Based on the limited number and low concentrations of COPCs detected at AOC 79, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.

- AOC 80: Feature 9

The Release Assessment investigation identified limited and low concentrations of explosives and lead. Based upon the detection of lead and explosives at this AOC, additional sampling is

recommended to provide more complete sample coverage of the AOC. The proposed sampling includes the creation of 24 multi-incremental sample decision units and collection of surface and subsurface multi-incremental soil samples from each decision unit.~~Based on the risk assessment screening evaluation of the Release Assessment data the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations. The available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.~~

- AOC 81: Feature 11

The Release Assessment investigation identified low concentrations of lead. Based upon the detection of lead at this AOC, additional sampling is recommended to provide a complete data set to support NFA for this site. The proposed sampling includes collection and analysis of surface and subsurface multi-incremental soil samples from three decision units in the AOC.

- ~~Based on the risk assessment screening evaluation of the Release Assessment data the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations. The available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.~~AOC 83: Feature 22

  The Release Assessment investigation identified low concentrations of lead. Based upon the detection of lead at this AOC, additional sampling is recommended to provide more complete sample coverage of the AOC. The proposed sampling includes the creation of six multi-incremental sample decision units and collection of surface and subsurface multi-incremental soil samples from each decision unit.~~Based on the risk assessment screening evaluation of the Release Assessment data the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations. The available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.~~

- AOC 84: Feature 12

  The Release Assessment investigation identified limited and low concentrations of explosives and lead. Based upon the detection of explosives and lead at this AOC, additional sampling is recommended to compile a complete data set to support NFA for this site. The proposed sampling includes collection and analysis of surface and subsurface multi-incremental soil samples within the AOC.~~Based on the risk assessment screening evaluation of the Release Assessment data the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations. The available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.~~

All RFI activities will be conducted in accordance with proposed actions and procedures specified in the NMED-approved work plan. Other associated project-specific planning documents are discussed in this work plan and provided as appendixes.

1.0 Introduction

This Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Work Plan summarizes the previous investigations and describes additional investigation activities to be completed at Areas of Concern (AOCs) and Solid Waste Management Units (SWMUs) within Parcel 6 at Fort Wingate Depot Activity (FWDA), New Mexico. The location of FWDA is shown in Figure 1-1. The location of the major land use areas and parcels within FWDA are shown in Figure 1-2. Parcel 6 includes 4 SWMUs and 10 AOCs as shown on Figure 1-3.

A companion to this document, the Historical Information Report for Parcel 6, has been prepared to compile and summarize historical documents available for Parcel 6 AOCs and SWMUs. The Historical Information Report provides further detail regarding the operational history, site or facility drawings, and environmental information contained in previously completed reports for Parcel 6 AOCs and SWMUs.

1.1 Purpose and Scope

This RFI Work Plan has been prepared for submission to the New Mexico Environment Department's (NMED) Hazardous Waste Bureau (HWB), as required by Section VII.H.1.a of the RCRA Permit (NM 6213820974) for the FWDA, which became effective December 31, 2005.

This work was completed in partial fulfillment of the requirements of Contract Task Order Number W9126G-08-F-0070 under Contract Number GS-10F-0029M as outlined in the Statement of Work (SOW) dated February 19, 2008, and the two subsequent amendments to that SOW. Technical oversight of this work was provided by the U.S. Army Corps of Engineers (USACE), Fort Worth District.

1.2 Document Organization

The remainder of this RFI Work Plan is organized into the following sections:

- Section 2 – Describes the cultural resources within Parcel 6
- Section 3 – Presents background information for the FWDA and Parcel 6 including operational histories and site conditions
- Section 4 – Describes the proposed investigation methods
- Section 5 – Presents information for SWMU 4 including the site background, previous investigations, investigation methods, and field activities
- Section 6 – Presents information for SWMU 8 including the site background, previous investigations, investigation methods, and field activities
- Section 7 – Presents information for SWMU 11 including the site background, previous investigations, investigation methods, and field activities
- Section 8 – Presents information for SWMU 20 including the site background, previous investigations, investigation methods, and field activities

- Section 9 – Presents information for AOC 28 including the site background, previous investigations, and the release assessment
- Section 10 – Presents information for AOC 42 including the site background, previous investigations, and the release assessment
- Section 11 – Presents information for AOC 61 including the site background, previous investigations, and the release assessment
- Section 12 – Presents information for AOC 75 including the site background, previous investigations, and the release assessment
- Section 13 – Presents information for AOC 78/82 including the site background, previous investigations, and the release assessment
- Section 14 – Presents information for AOC 79 including the site background, previous investigations, and the release assessment
- Section 15 – Presents information for AOC 80 including the site background, previous investigations, and the release assessment
- Section 16 – Presents information for AOC 81 including the site background, previous investigations, and the release assessment
- Section 17 – Presents information for AOC 83 including the site background, previous investigations, and the release assessment
- Section 18 – Presents information for AOC 84 including the site background, previous investigations, and the release assessment
- Section 19 – Provides project management information including project scheduling and reporting requirements, and other plans that will followed during completion of the proposed field activities
- References – Presents works cited within this report

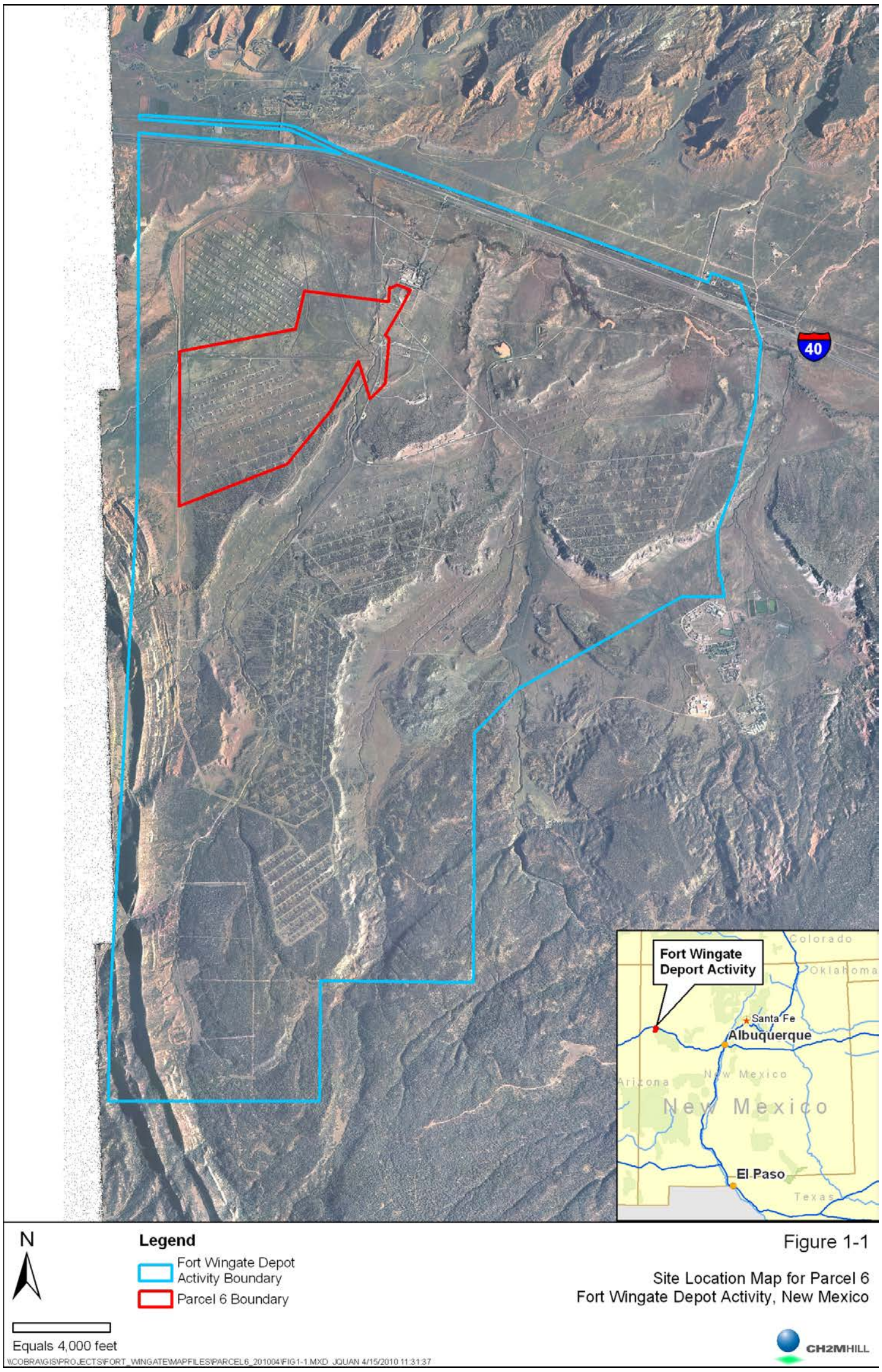

Figure 1-1

Site Location Map for Parcel 6
Fort Wingate Depot Activity, New Mexico

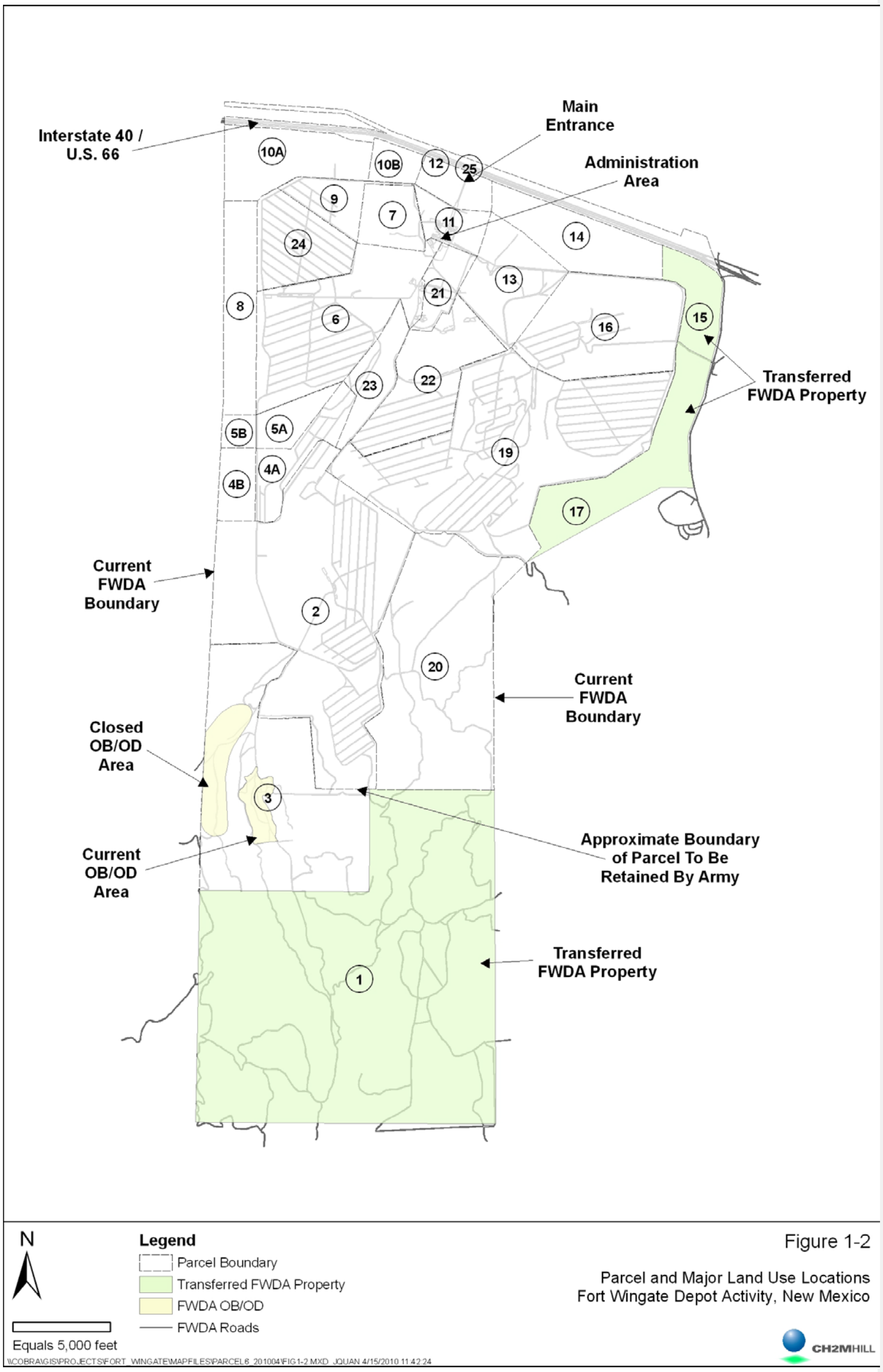

Figure 1-2

Parcel and Major Land Use Locations
Fort Wingate Depot Activity, New Mexico

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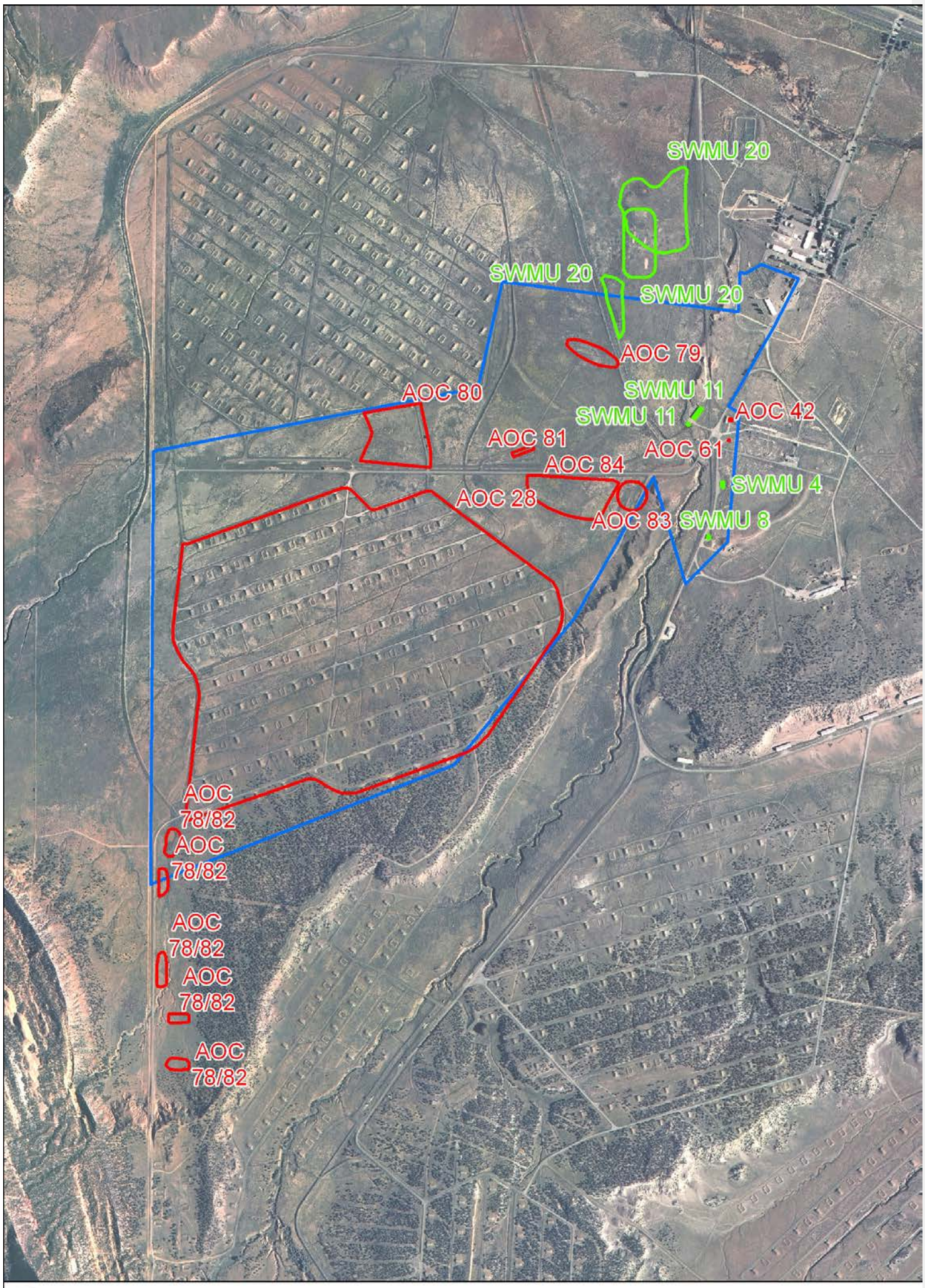

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Legend

Parcel 6 Boundary
AOC Boundary
SWMU Boundary

Equals 1,500 feet

Figure 1-3

Parcel 6 AOC and SWMU Locations
Fort Wingate Depot Activity, New Mexico

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2.0 Cultural Resources

Traditional cultural properties (TCPs) and other cultural resources have been documented within the 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 6.

The USACE, Fort Worth District has developed a Programmatic Agreement (PA) to specify procedures to be employed during environmental characterization and remediation activities. The PA is provided as Appendix A.

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. 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 and archaeological personnel will be on-site during intrusive activities as described in the PA.

3.0 Background

3.1 Site Description and Operational History

The FWDA installation is located approximately 8 miles east of Gallup, New Mexico, and currently occupies approximately 15,277 acres of land in McKinley County, New Mexico (Figure 3-1). The installation is almost entirely surrounded by federally owned or administered lands, including both national forest and tribal lands. The installation can be divided into several sub-areas based on their location and historical land use (Figure 3-2). The major land use areas include the following:

- The Administration Area – encompassing approximately 800 acres in the northern portion of the installation, which contains former office facilities, housing, equipment maintenance facilities, warehouse buildings, and utility support facilities.
- The Workshop Area – encompassing approximately 700 acres to the south of the Administration Area, which consists of an industrial area containing former ammunition maintenance and renovation facilities, the former trinitrotoluene (TNT) washout facility, and the TNT leach beds area.
- Ten Munitions Storage Areas (Igloo Blocks A through H, J, and K) – encompassing approximately 7,400 acres in the central portion of the installation, which consists of 732 earth-covered igloos and 241 earthen revetments previously used for the storage of munitions.
- The Open Burning/Open Detonation (OB/OD) Area – encompassing approximately 1,800 acres in the west-central portion of the installation, which is separated into two sub-areas based on the period of operation, the Closed OB/OD Area and the Current OB/OD Area.
- Protection and Buffer Areas – encompassing approximately 4,050 acres located adjacent to the eastern, western, and northern installation boundaries, which consists of buffer zones surrounding the former magazine and demolition areas.

The FWDA installation was originally established by the U.S. Army in 1862 at the southern edge of the Navajo territory. In 1918, the mission of the FWDA changed from tribal issues to World War I-related activities. Beginning in 1940, the FWDA's mission was primarily to receive, store, maintain, and ship explosives and military munitions, as well as to disassemble and dispose of unserviceable or obsolete explosives and military munitions. In 1975, the installation came under the administrative command of Tooele Army Depot (TEAD), located near Salt Lake City, Utah.

In January 1993, the active mission of the FWDA was ceased and the installation closed as a result of the Defense Base Realignment and Closure Act of 1990 (BRAC). Beginning in 2002, the U.S. Army reassigned many FWDA functions to the BRAC Division, including caretaker duties, property transfer, and performance of environmental compliance and restoration activities. Command and control responsibilities were retained by TEAD until January 31, 2008, when these responsibilities were transferred to White Sands Missile Range (WSMR).

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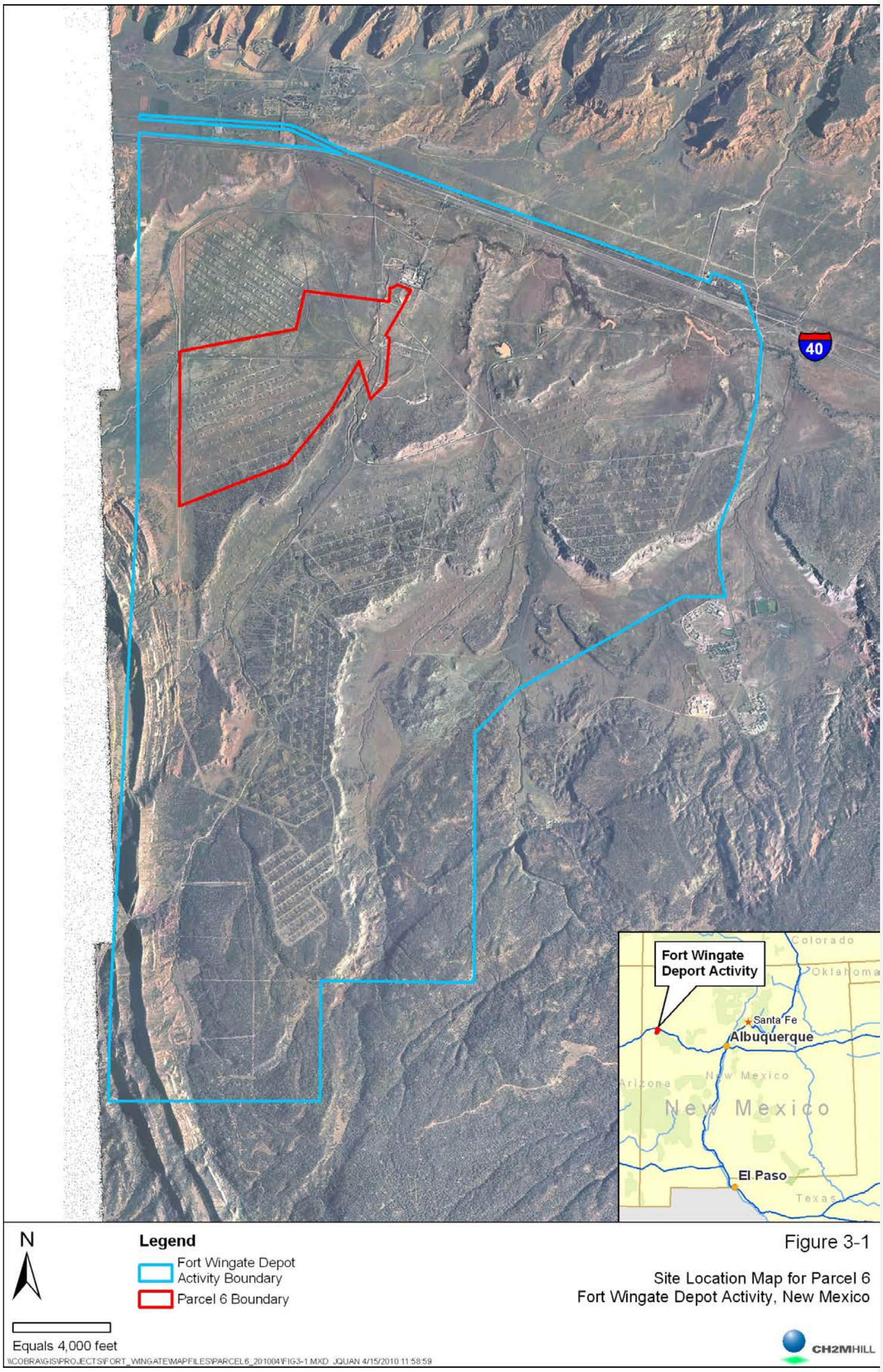

Figure 3-1

Site Location Map for Parcel 6
Fort Wingate Depot Activity, New Mexico

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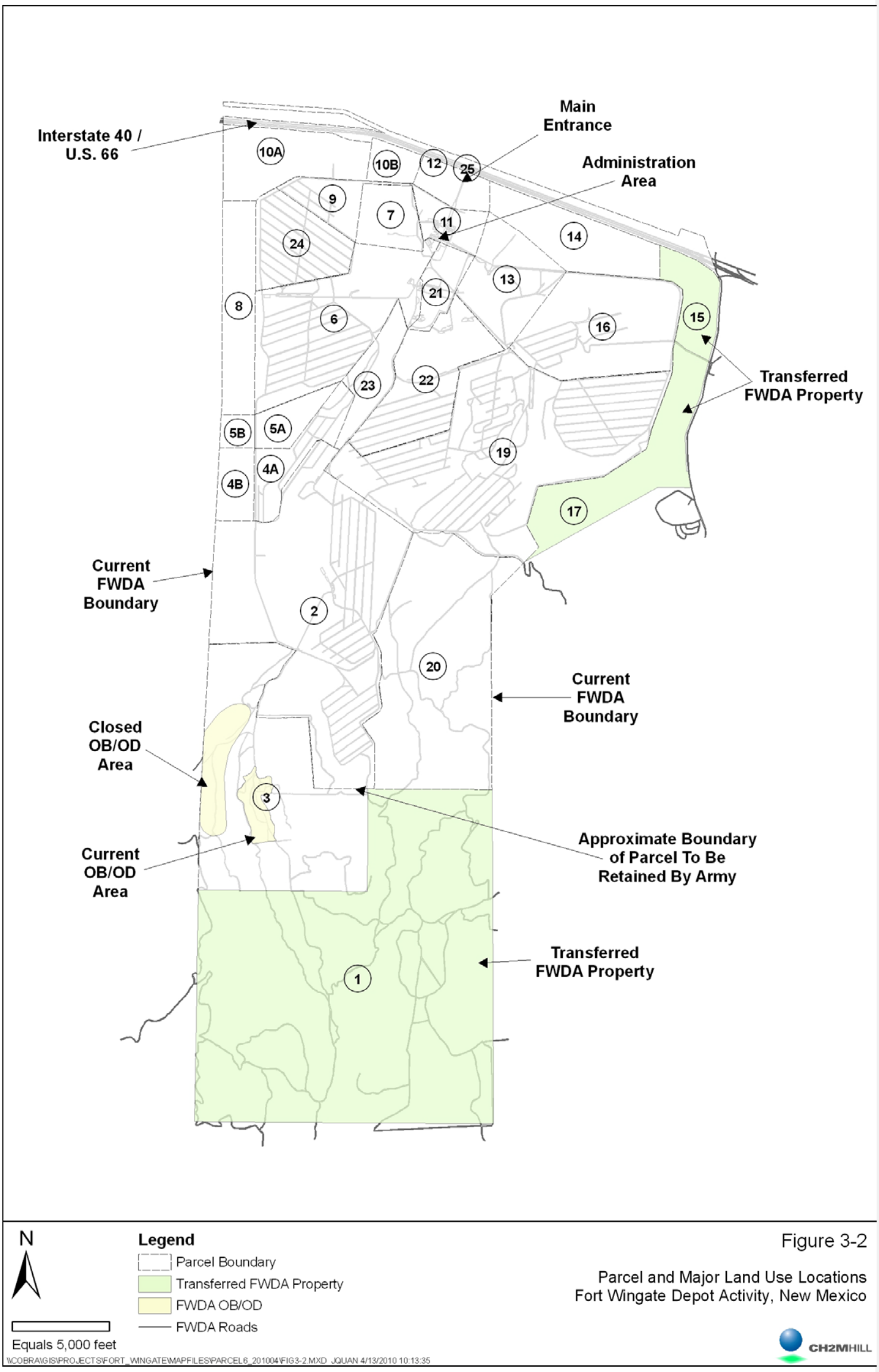

Figure 3-2

Parcel and Major Land Use Locations
Fort Wingate Depot Activity, New Mexico

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The FWDA installation is currently undergoing final environmental characterization and restoration activities prior to final property transfer and reuse. The installation has been divided into reuse parcels as part of the planned property transfer to the U.S. Department of the Interior (DOI). This RFI Work Plan only includes information related to the SWMUs and AOCs located within Parcel 6. The RCRA Permit lists a total of 4 SWMUs and 10 AOCs located within the boundary of Parcel 6 (Figures 3-3 and 3-4). The sites included in this RFI Work Plan are:

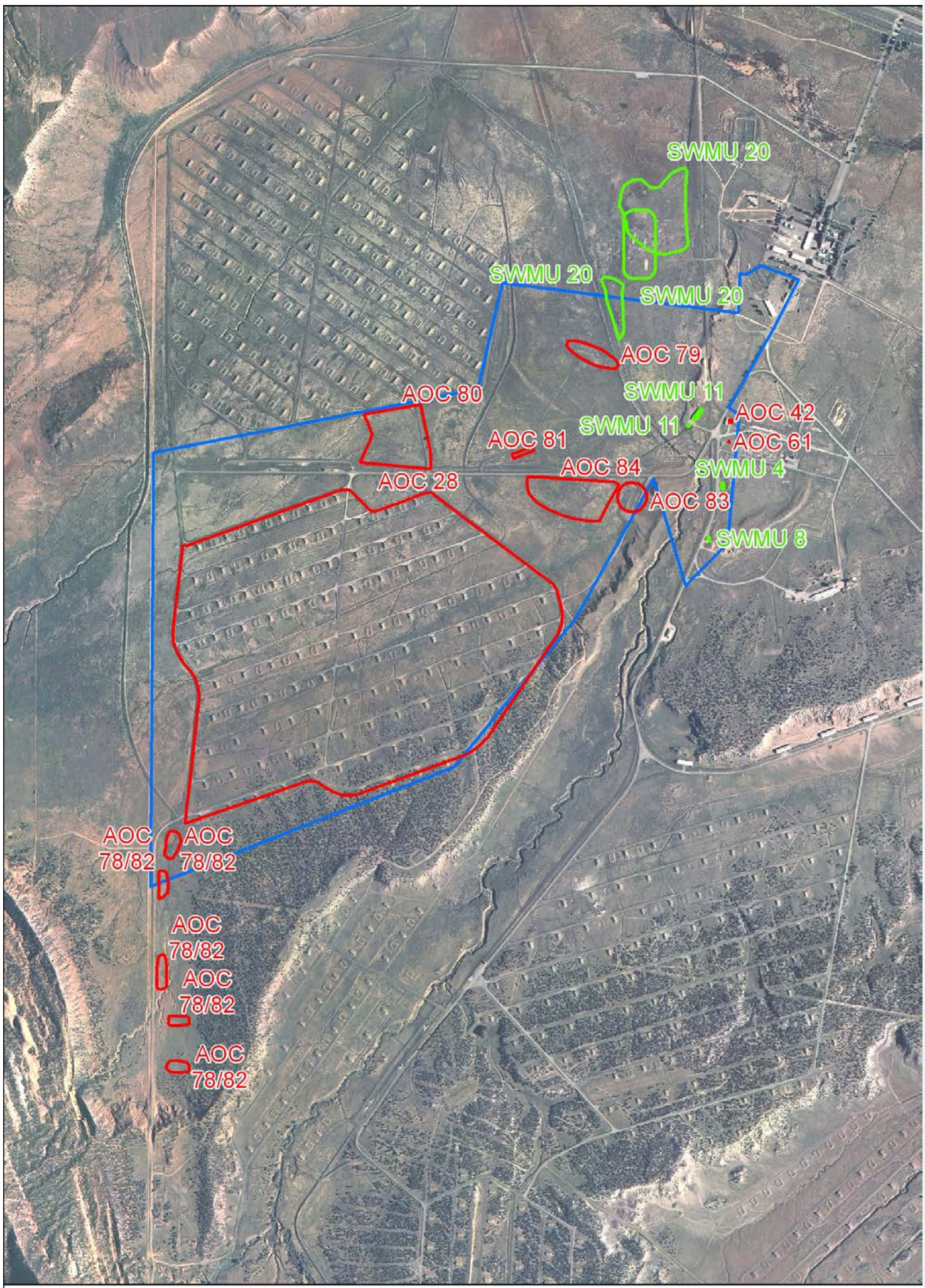
- SWMU 4: Building 600 – Ammunition Work Shop Change House Laundry
- SWMU 8: Building 537 – Pesticide and Field Battery Shop
- SWMU 11: Buildings 541 and 542 – Ammunition Workshop
- SWMU 20: Western Landfill
- AOC 28: Igloo Block B
- AOC 42: Building 516 – Ammunition Receiving Building
- AOC 61: Building 507 – Smokeless Powder Magazine
- AOC 75: Electrical Transformers
- AOC 78/82: Feature 18
- AOC 79: Feature 2
- AOC 80: Feature 9
- AOC 81: Feature 11
- AOC 83: Feature 22
- AOC 84: Feature 12

3.2 Site Conditions

3.2.1 Climate

Northwestern New Mexico is characterized by a semiarid continental climate. Most precipitation occurs from May through October. Most of the precipitation occurs as rain or hail in summer thunderstorms, and the remainder results from light winter snow accumulations (Metcalf & Eddy, Inc. [M&E], 1992). 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 the FWDA is 11 inches. Depending on local elevations, mean annual rainfall fluctuates between eight and 20 inches.

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 (M&E, 1992). 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 (M&E, 1992).



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Legend

Parcel 6 Boundary
AOC Boundary
SWMU Boundary

Equals 1,500 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG3-3.MXD JQUAN 4/13/2010 10:15:05

Figure 3-3

Parcel 6 AOC and SWMU Locations
Fort Wingate Depot Activity, New Mexico

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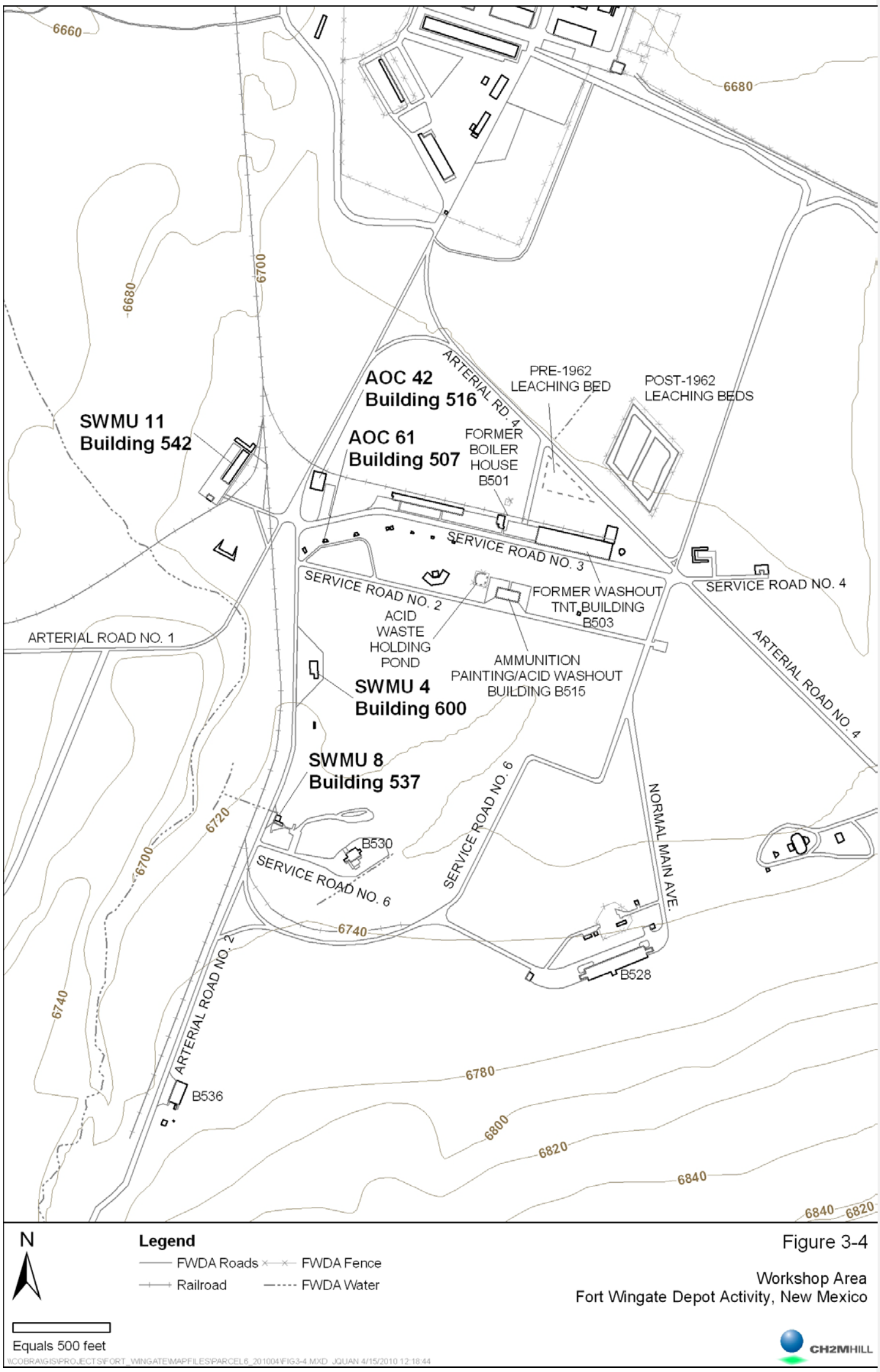

Figure 3-4

Workshop Area
Fort Wingate Depot Activity, New Mexico

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3.2.2 Topography

The elevation of the FWDA ranges from approximately 8,200 feet above mean sea level (MSL) in the south to 6,660 feet above MSL in the north (Figure 3-5). Topographically, the FWDA may be divided into three general areas: 1) the rugged north-to south trending Hogback along the western and the southwestern boundaries; 2) the northern hill slopes of the Zuni Mountains in the southern portion; and 3) the alluvial plains marked by bedrock remnants in the northern portion of the installation.

Main drainages, following the topography, generally flow from south to north and discharge to the South Fork of the Puerco River near the northern boundary of the FWDA. However, many tributaries follow the regional trend, flowing from southwest to northeast. 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 topographic contours for the land within Parcel 6 are shown in Figures 3-5 and 3-6 and illustrate that this parcel is relatively flat with higher elevations in the south. Surface runoff during rainfall/snowmelt events collects in arroyos that flow only during precipitation events or pools locally in low areas where it evaporates or infiltrates. No surface water bodies exist within Parcel 6.

3.2.3 Vegetation/Habitat

The vegetation cover for Parcel 6 includes moderate grasslands, sagebrush, and piñon-juniper woodlands. Parcel 6 provides habitat for antelope, prairie dogs, rattlesnakes, field mice, various other insects and animals, and occasionally mountain lions and bear.

3.2.4 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 the 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 6 is shown in Figure 3-~~6~~7. NRCS soils descriptions are included in Appendix B. As presented in Figure 3-~~6~~ 7 and Appendix B, there are five types of soil for Parcel 6. Soils are generally as follows from south to north: Evpark-Arabrab Complex, Aquima-Hawaikuh Silt Loam, Ojocal-Venaditio Complex, Ojocal Silt Loam, and Zia Sandy Loam. A rock outcrop of the Rizno-Tekapo Complex is present in the southeastern portion of Parcel 6 (Figure 3-~~6~~7).

3.2.5 Geology

In 1997, geologic mapping of portions of the FWDA and a fracture trace analysis were conducted by the U.S. Geological Survey (USGS) located in Flagstaff, Arizona. Geologic units exposed at the ground surface throughout much of the FWDA were identified. Results of this identification, combined with information from geologic literature, are presented below to provide a description of the geologic and stratigraphic setting of the portion of the FWDA in which Parcel 6 is located.

3.2.5.1 Stratigraphy

The FWDA is underlain primarily by Triassic mudstone and sandstone layers that are tilted gently to the northwest. In the western and southern portions of the installation; however, Jurassic and Cretaceous sandstone and claystone layers are exposed along the Nutria Monocline (the Hogback), which is a steeply west-dipping, north-trending monoclinal fold.

Quaternary alluvial sediments cover nearly all of the land area in Parcel 6 (Figure 3-8~~7~~). The alluvial deposits in Parcel 6 are underlain by the Triassic-age Petrified Forest Formation, which comprises greater than 75 percent of the bedrock exposed at the surface throughout the FWDA. The Quaternary alluvial sediments consist predominately of silts and clays, with discontinuous bodies of sand and some areas of gravel. Wind and water cause extensive soil erosion, especially where vegetative cover is absent. The Petrified Forest Formation underlying the sediments consists primarily of mudstone, claystone, and minor amounts of muddy sandstone. The Painted Desert Member of the Petrified Forest Formation is exposed at the ground surface on the areas of higher ground surface elevations located along the southwest portion of Parcel 6.

The Petrified Forest Formation is divided into three members with the upper and lower members divided by a middle member consisting of a relatively thick, continuous sandstone layer (Sonsela Sandstone Member). A stratigraphic column and description of the various lithologic units in the FWDA area is presented in Figure 3-9~~8~~. The upper Painted Desert Member and the lower Blue Mesa Member each consist of mudstone, siltstone, sandy-mudstone, and lenticular sandstone layers. Sandstone lenses within the Painted Desert and Blue Mesa Members are thin (generally less than 20 feet thick), laterally discontinuous, and contain high quantities of very fine, muddy matrix. As a result, the apparent permeability of these lenses, and the Painted Desert and Blue Mesa Members as a whole, are very low. The Sonsela Sandstone Member (the middle member of the Petrified Forest Formation) is of variable thickness (20 to 80 feet thick) and is laterally continuous. This unit is a clean, well-sorted, quartzose sandstone that contains very small amounts of matrix and therefore has a high apparent permeability.

The Moenkopi Formation, the San Andres Limestone, and the Glorieta Sandstone underlie the Blue Mesa Member. The lower Petrified Forest Formation and the Moenkopi Formation comprise 250 to 300 feet of mudstones and sandstones with a relatively low apparent permeability. These units are underlain by approximately 100 feet of the San Andres Limestone which is underlain by approximately 120 feet of the Glorieta Sandstone.

3.2.5.2 Structural Geology

Bedrock underlying the majority of the FWDA installation dips gently to the northwest at an angle of approximately 5 degrees. The structural orientation of the bedrock substantially influences the movement of ground water. The ground water flow gradient across the installation is primary to the north-northwest, generally following the structural dip of the geologic units.

3.2.6 Hydrogeologic Conceptual Model

The hydrogeologic conceptual model that has been developed for the northern portion of FWDA is based on previous investigations conducted in the areas of the installation described as the TNT Leaching Beds and the Administration Area. This conceptual model has been developed based on data collected during various investigations performed over a 25-year period prior to issuance of the Permit. Generally, the objective of the prior investigations was the characterization of impacts to groundwater on a larger scale. Specifically, these investigations included a primary focus on impacts associated with discharges at the TNT Leaching Beds (part of SWMU 1), and a secondary focus on impacts associated with releases from various locations within the Administration Area. At the time the data were collected and the conceptual model was developed, the current system of dividing the FWDA into parcels, SWMUs, and AOCs was not in place. Therefore, the conceptual model uses broader terminology, such as TNT Leaching Beds and Administration Area, to describe areas of the FWDA installation and the associated hydrogeologic properties. The SWMUs within Parcel 6 are generally located within this broader “TNT Leaching Beds and the Administration Area” area of the installation. The Parcel 6 AOCs are located further south of the primary area that has been investigated as part of the TNT Leaching Beds and Administration Area. However, the AOCs of

Parcel 6 of have similar Quaternary alluvial material as the overlying unconsolidated geologic material and are underlain by similar Triassic-age geologic units.

A summary of the basic hydrogeologic model for the FWDA installation is presented in the following subsections.

Water Bearing Zones with the Shallow Unconsolidated Alluvium

The unconsolidated alluvium consists of a series of interbedded silt, clay, and sand Quaternary sediments ranging from near zero feet to almost 100 feet in thickness. These sediments form a wedge that increases in thickness from south to north through the TNT Leaching Beds and Administration Area study area. The thickest sediments are found near the Rio Puerco. The low permeability mudstone and siltstones of the Petrified Forest Formation are the bedrock that generally underlies the unconsolidated materials.

In the TNT Leaching Beds area adjacent to Parcel 6 two water-bearing zones have been identified within the unconsolidated materials. These zones are referred to as the first unconsolidated water-bearing zone and the second unconsolidated water-bearing zone. Where present, the first and second water-bearing zones are separated by a clay layer which is present between two thin, poorly graded sand deposits. Groundwater is typically encountered in each of these sand deposits, thus comprising the first and second water-bearing zones. However, the sand deposits and clay layer are not laterally extensive. In areas where the clay layer is absent a single water-bearing zone is present, which is then defined as the first unconsolidated water-bearing zone. In locations where the permeable sand intervals are absent, sustainable water-bearing zones are typically not present within the unconsolidated alluvium. The unconsolidated alluvial sediments tend to pinch out near outcrops and in areas of near-surface bedrock surfaces, acting to limit the areal extent of the shallow unconsolidated water-bearing units in these areas.

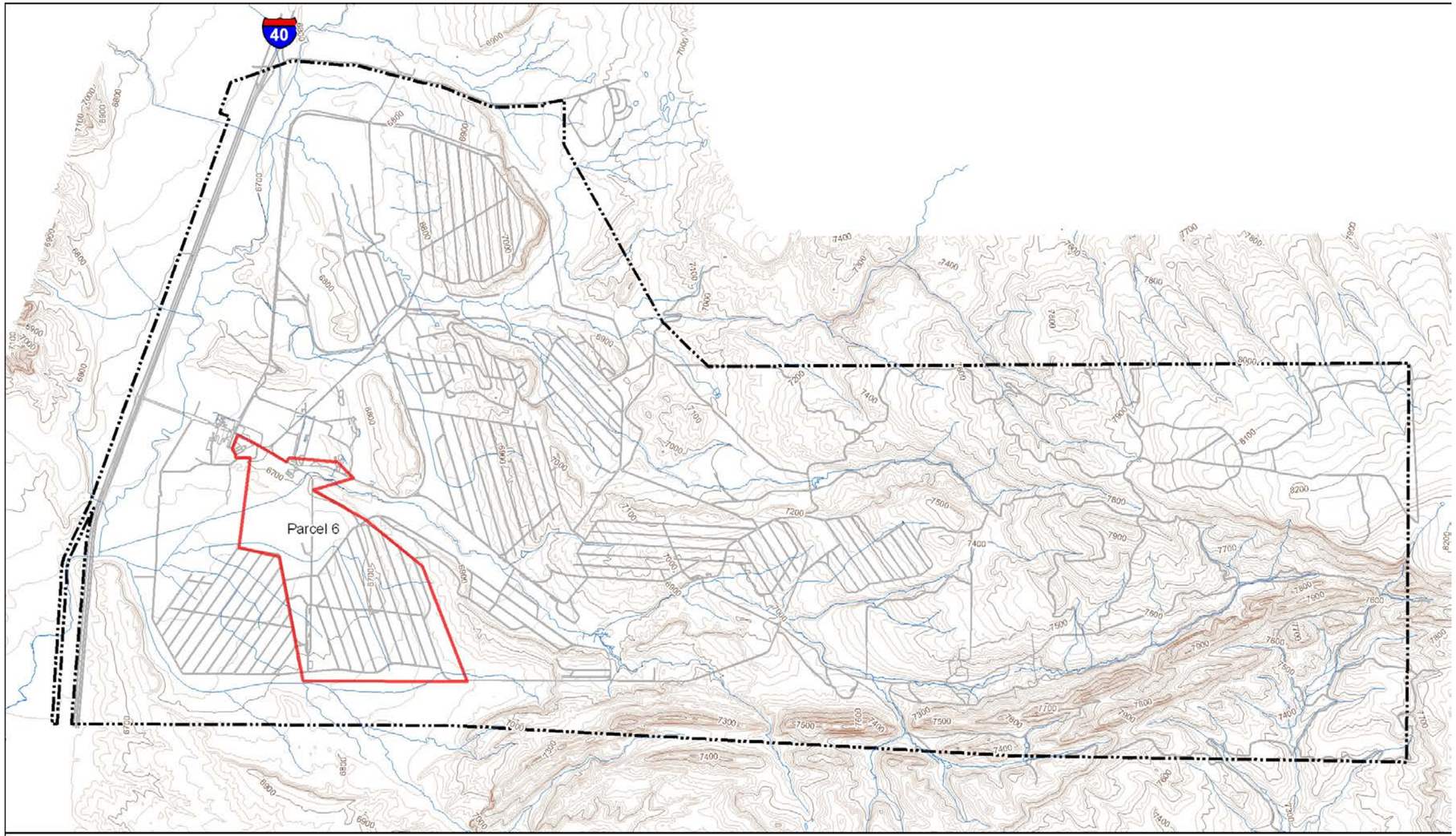
Groundwater in the unconsolidated sediments is derived from the infiltration and percolation of rain and snow-melt that moves downward through these sediments until it reaches the relatively low-permeability Triassic bedrock surface or one of the permeable sand units that define the first and second water-bearing zones. Groundwater flow is generally considered to be to the northwest within the Parcel 6 area.

Water-Bearing Zones with Bedrock Units

The TNT Leaching Beds and adjacent Parcel 6 area is largely underlain by low-permeability claystone bedrock with little water bearing capacity. However, discrete intervals of interbedded sandstone do provide a series of geologic materials that can be potential water-bearing zones. Previous investigations have indicated that the first encountered thin sandstone unit within the massive Painted Desert claystone interval may occur at approximately 80 to 110 feet below ground surface (bgs) but tends to be thin and discontinuous. This unit typically does not yield sufficient ground water to be regularly monitored with a groundwater monitoring well. Additionally, the claystone above and below the sandstone interval is largely dry, indicating little vertical movement of groundwater between intervals within this largely claystone sequence of rock. Despite being laterally discontinuous and not yielding sustainable water production, this interval is referred to as the “first sandstone water-bearing zone.”

At depths of slightly over 100 feet bgs and ranging to nearly 200 feet bgs, another stratigraphically lower sandstone interval is present within the massive claystone. This layer yields more appreciable and sustainable amounts of groundwater. This interval is referred to as the “second sandstone water-bearing zone.” However, the claystone intervals above and below the second sandstone water-bearing zone are also largely dry, again suggesting little vertical movement of water occurs within the geologic unit.

A series of groundwater monitoring wells have been installed in association with investigations of the TNT Leaching Beds. Additional groundwater monitoring wells were later installed to assess possible groundwater impacts from Buildings 542 and 600. Wells that are applicable to Parcel 6 are located primarily within the western portion of the Workshop area and the southeastern portion of Parcel 6. Findings from these monitoring wells have generally verified that the extent of unconsolidated water-bearing zones in the Parcel 6 area that are capable of yielding sustainable groundwater is limited. Additionally, the first sandstone water-bearing zone does not extend far enough to the west to be consistently observed in the Parcel 6 SWMU area. Groundwater is encountered within the second sandstone water-bearing zone in the Parcel 6 SWMU area. However, in the area of the Parcel 6 SWMUs the groundwater elevations within the groundwater monitoring wells suggest that the groundwater in different areas may be static and disconnected and not represent a contiguous potentiometric flow unit.



Legend

- Arroyo
- Installation Boundary
- FWDA Parcel 6 Boundary
- FWDA Roads
- USGS Topo - Index
- USGS Topo - 20 ft interval

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Equals 4,000 feet

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Figure 3-5

Facility-wide Topographic Map
Fort Wingate Depot Activity, New Mexico

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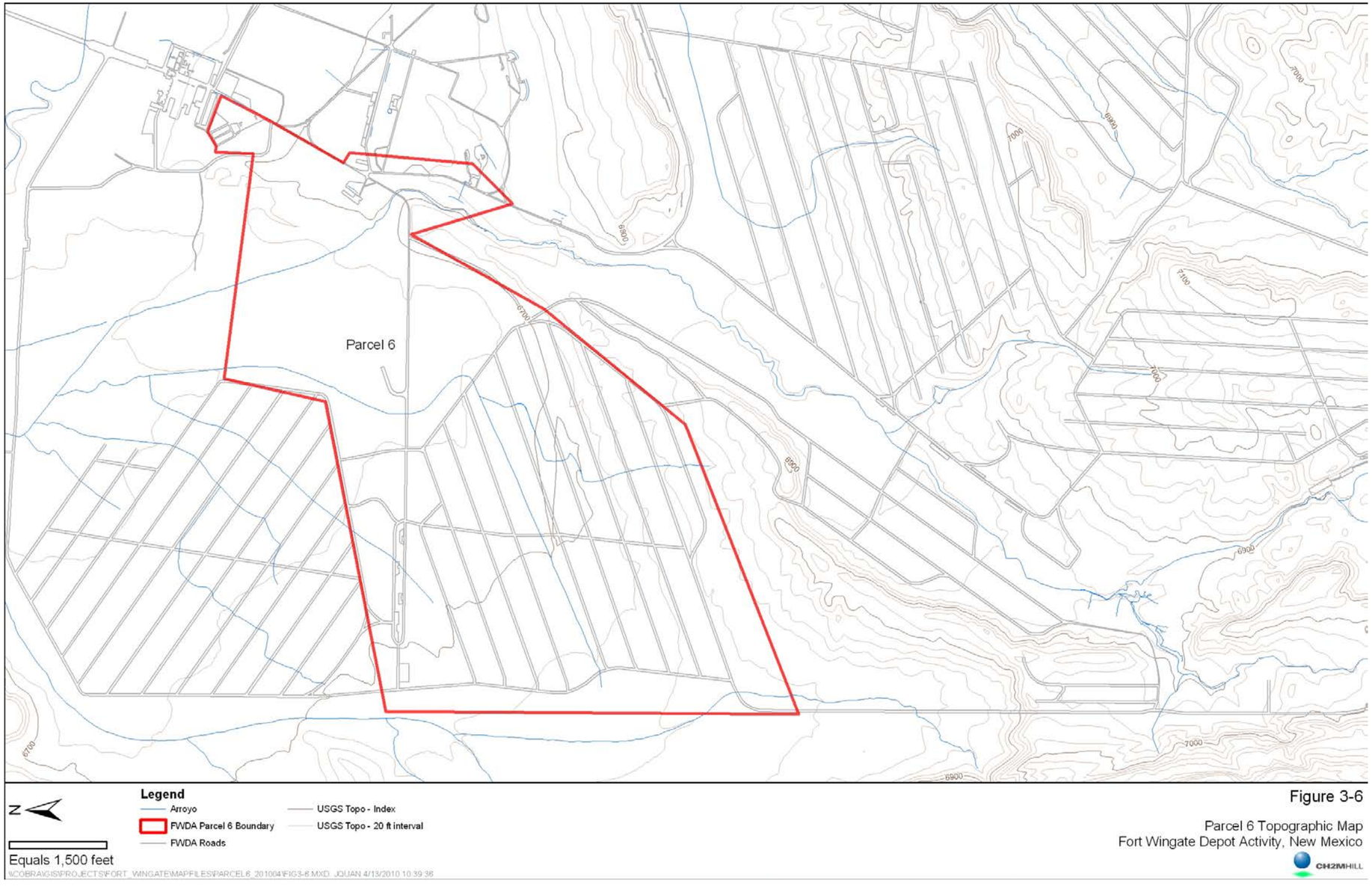


Figure 3-6

Parcel 6 Topographic Map
Fort Wingate Depot Activity, New Mexico

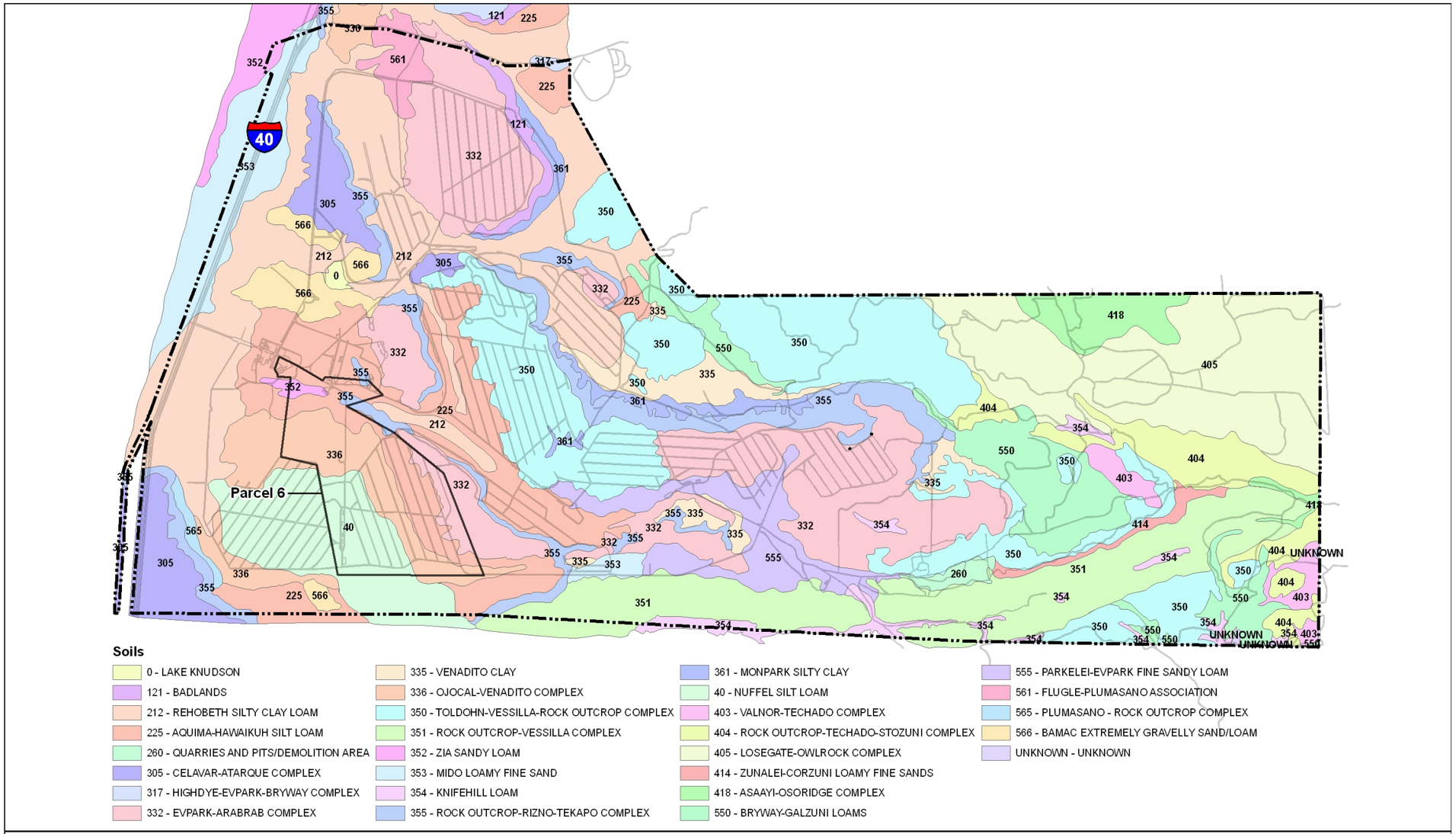
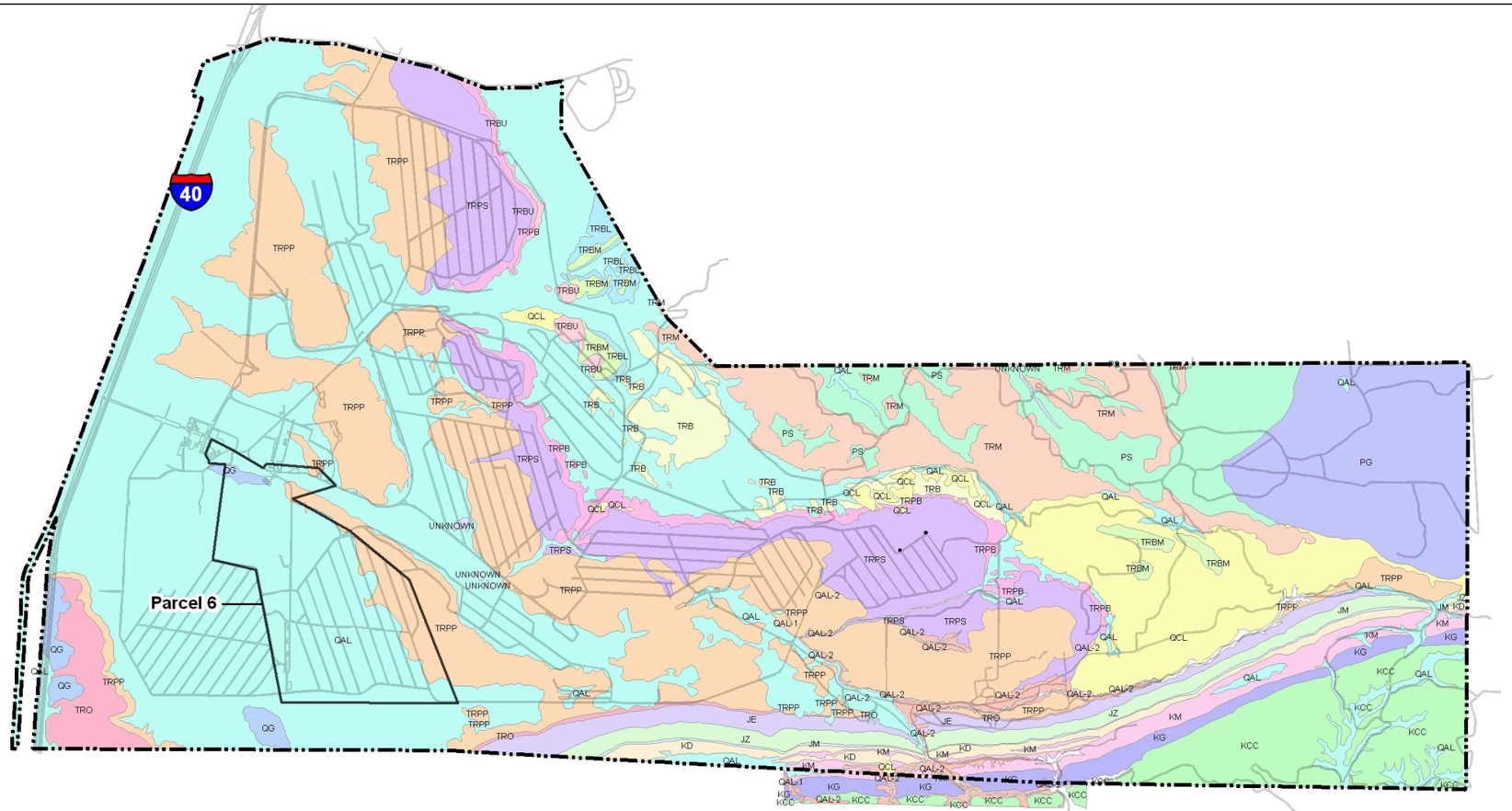


Figure 3-7

Soils Map
Fort Wingate Depot Activity, New Mexico



Geologic Formations

- QAL, QUATERNARY ALLUVIAL DEPOSITS
- QAL-1,
- QAL-2,
- 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
- PS,
- PG, GLORIETA SANDSTONE
- UNKNOWN, UNKNOWN

N

Legend

- Installation_Boundary
- FWDA Parcel 6 Boundary
- FWDA Roads

Equals 4,500 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG3-8.MXD JQUAN 4/13/2010 11:00:38

Figure 3-8

Geologic Map
Fort Wingate Depot Activity, New Mexico

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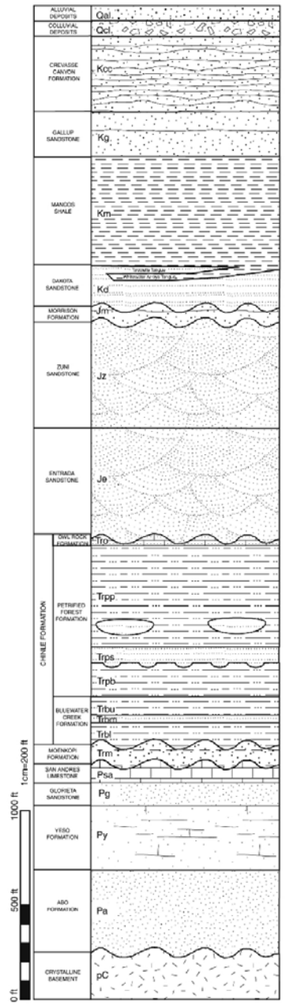

Description of Units

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-smecttitic-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

Figure 3-9

Stratigraphic Column
Fort Wingate Depot Activity, New Mexico

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4.0 Investigation Methods

4.1 Previous Investigations

The environmental restoration process has been underway for more than 30 years at the FWDA. In 1980, the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) guidelines began to guide the environmental restoration activities other than those in the OB/OD Area, with the U.S. Environmental Protection Agency (EPA) Region 6 as the lead regulatory agency. In 1996 the NMED was granted regulatory authority under RCRA and they became the lead regulatory agency at the site. Activities are currently performed under the RCRA Permit issued in 2005.

Available historical information from prior investigations for FWDA sites that lie within what is now identified as Parcel 6 have been compiled and summarized in a Historical Information Report, which serves as a companion to this RFI Work Plan. The Historical Information Report provides a listing of site surveys, data compilation efforts, operational history, site or facility drawings, and environmental investigations that have been contained in previously completed reports and which are pertinent to sites now considered to be within Parcel 6. Additionally, the Historical Information Report provides a brief summary of findings and conclusions from the relevant historical site investigation efforts. Summaries of prior environmental investigations pertinent to the Parcel 6 sites are also provided in the individual sections for the Parcel 6 AOCs and SWMUs within this RFI Work Plan.

4.2 Evaluation of Existing Data

Existing data have been evaluated to determine whether additional field activities are required to characterize the nature and extent of potential environmental impacts at the Parcel 6 AOCs and SWMUs. The following sections present a brief discussion of the general types of existing data available for Parcel 6. Existing data for individual AOCs and SWMUs are evaluated further as part of site-specific sections of this document.

4.2.1 Nonsampling Data

Nonsampling data available for Parcel 6 include facility drawings, maps, photographs, aerial imagery, historical documents, and interviews. Specific nonsampling data available for individual AOCs and SWMUs will be discussed further in the site-specific sections of this document.

4.2.2 Sampling Data

Sampling data available for Parcel 6 include soil, sediment, groundwater, and wipe samples collected and analyzed during various phases of prior investigations. Specific sampling data available for individual AOCs and SWMUs are evaluated in the site-specific sections of this document. As part of this RFI Work Plan, available soil analytical data for individual Parcel 6 AOCs and SWMUs have been compared to the most recent version of the NMED residential Soil Screening Levels (SSL) (NMED, 2009~~6~~). If a NMED R~~r~~esidential SSL was not available for a specific compound then the compound was compared to the EPA Regional ~~6 residential human-health Medium-Specific~~ Screening Levels ~~(MSSL)~~(RSL) (EPA, 2009~~8), as described in Attachment 7, Section 7.2 of the~~

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~~RCRA Permit.~~). Previous analytical data are presumed to be of suitable quality to be used in the human health risk screening assessment process.

A soil background investigation was completed in 2000, as documented in a report entitled *Soil Background Concentration Report of Fort Wingate Depot Activity* (Malcolm Pirnie, 2000). The background investigation has not been approved by the NMED Hazardous Waste Bureau (HWB) to date. The Army plans to conduct additional sampling and analysis as part of a separate investigation to generate NMED-approved background concentrations of naturally occurring inorganic constituents in soil and groundwater at the FWDA. For this RFI Work Plan all positively detected inorganic constituents were included in the screening assessments.

Parcel 6 once contained several World War I (WWI) wooden magazine sites which were demolished prior to the current infrastructure on post, as well as other temporary storage structures that were not associated with a specific AOC or SWMU. The USACE consulted with the NMED and performed multi-incremental (MI) sampling on those sites not within a SWMU or AOC. Results of the sampling are found in the report entitled *Report of Investigation for Potential Environmental Areas of Concern, FWDA*, dated October 2007. The report was submitted to the stakeholders and NMED in November 2007. This report is discussed here because many of the sites investigated do not relate to the specific AOC or SWMU sections later in this report.

In this report the Army describes the magazines as wood buildings with a metal roof approximately 20 feet by 50 feet in size and stored bulk explosives in boxes. The report details the minimal historical information, investigative methods, and sampling results. It has a figure showing sample locations. Parcel 6 contains sites Z-221, 35J-291 through 294, 35K-305, 35K-306, 35K-307, 35L-316, 35M-319, 35M-320, 35M-321, 35M-323, 35N-332, and 35N-333. Each of the sites was tested for explosives using a ~~multi-incremental~~MI sample from 30 subsamples from a depth of 0 to 6 inches below the surface. Also, each site was visually inspected by Mr. David Holladay, a Tech 3 Army Ordnance and Explosives Safety Specialist. He also surveyed each site with a Schoenstedt metal detector. The only explosive found on any of these sites was at site 35K-306. This site contained and estimated quantity (J flag – estimated value) of 0.19 milligram per kilogram (mg/kg) of 4-nitritoluene. This concentration is well below the residential SSL of 146 mg/kg. No munitions were detected.

4.3 Data Quality Objectives

The process used for development of the data quality objectives (DQOs) for additional characterization and/or remediation activities at Parcel 6 is described below:

1. *Statement of Problem*
   Determine the presence or absence of explosives, perchlorate, metals, pesticides, herbicides, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), and semi-volatile organic compounds (SVOCs) at Parcel 6 sites depending on the contaminants of potential concern (COPCs) identified for each individual site and if present, delineate the horizontal and/or vertical extent and magnitude of the contaminants.

2. *Identification of a Decision that Addresses the Problem*
   The presence or absence and horizontal and vertical extent of contamination in the soils at the Parcel 6 AOCs and SWMUs can be determined by collecting and analyzing surface and subsurface soil samples and evaluating whether or not the sample results are indicative of the presence of contamination. Previous investigations have not indicated that soil contamination has reached significant depths to affect groundwater. Groundwater will not be investigated unless the vertical extent of soil contamination at an individual site is sufficient to suspect migration of contaminants to groundwater by transport through the vadose zone.

3. *Identification of Inputs that Affect the Decision*
   Inputs that will affect the decision of whether or not soil samples from the site are uncontaminated include the validated analytical results for collected soil samples and respective NMED SSL and EPA ~~Region 6 MSSL~~RSLs~~, as described in Attachment 7, Section 7.2 of the RCRA Permit.~~ .

4. *Specification of the Domain of the Decision*
   The domain of the decision of whether or not soils at the site have been negatively impacted is restricted to evaluation of only those parameters for which samples are analyzed and for which a screening level (that is, NMED SSL or EPA R~~S~~SL) or other regulatory level exists.

5. *Development of a Logic Statement*
   If the validated analytical data for samples collected during this RFI exceed site-specific background levels, NMED SSL, and/or EPA ~~Region 6 Human Health Risk Assessment Branch (HHRB) screening levels~~RSLs, the area from which the sample was collected will be considered contaminated. Additional horizontal and/or vertical delineation may then be required until uncontaminated samples are collected. Groundwater will only be investigated at a site if the vertical extent of soil contamination is to a sufficient depth to suspect that groundwater may have become contaminated by transport of the contaminant through the vadose zone.

6. *Establishment of Constraints on Uncertainty*
   Uncertainty in the data used to evaluate the logic statement will be constrained by following the quality assurance and quality control (QA/QC) guidelines specified in the Quality Assurance Project Plan (QAPP) (provided in Appendix C); selecting the appropriate analytical support level for the soil sample data; and by adhering to both the field and laboratory data quality indicator objectives (precision, accuracy, representativeness, comparability, and completeness [PARCC]).

7. *Optimization of Design for Obtaining Data*
   To optimize the quality of data collected for evaluation, this RFI Work Plan has been developed to be used as guidance during field activities.

Quality assurance and quality control procedures associated with the field activities described in this document are presented in the QAPP, which is presented in Appendix C.

4.4 Planned Investigations

This RFI Work Plan describes additional field activities to be conducted at certain Parcel 6 AOCs and SWMUs to further delineate the nature and extent of environmental releases at those sites. Cultural resources oversight, specific sampling methods and procedures, management of investigation-derived waste (IDW), decontamination of equipment, and health and safety procedures are presented in the sections below and in specified appendices to this document.

4.4.1 Cultural Resources Oversight

TCPs and other cultural resources have been documented within the FWDA boundaries. The USACE, Fort Worth District has developed a PA to specify procedures to be employed during environmental characterization and remediation activities. A copy of the PA is provided in Appendix A. Maps showing the locations of TCPs relative to proposed investigation locations are not 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.

4.4.2 Health and Safety

The project-specific Health and Safety Plan ~~is provided in Appendix D.~~(HSP) has been prepared for Parcel 6 and will be included with the Field Sampling Plan.

4.4.3 ~~Soil~~ Field Investigations

Soil sampling is proposed for several SWMUs and AOCs as described later in this report in the site specific sections. Table 4-1 (provided at the end of this section) presents a summary table of all samples that will be collected as part of this investigation. ~~Basic~~ Discrete soil sampling procedures are generally described in Section 4.4.4 and MI soil sampling is described in Section 4.4.5. A general description of well installation and sampling is described in Section 4.4.6. A specific discussion of the proposed field and soil sampling activities is presented in the individual Parcel 6 SWMU and AOC sections. Sample locations will be surveyed as described in Section 4.4.7~~5~~. Sample identification, management, and field documentation will be conducted as described in the Sections 4.4.8~~6~~ and 4.4.9~~7~~. Decontamination of non-disposable sampling equipment and drilling equipment will be conducted as described in Section 4.4.10~~8~~. Any investigation-derived waste (IDW) generated during the investigation will be managed as described in Section 4.4.11~~8~~.

4.4.4 Discrete Soil Sampling

Discrete soil sampling methods are generically described in this section with specific rationale and sampling locations specifically described in the individual Parcel 6 SWMU or AOC sections. Discrete soil sampling will be conducted to delineate the nature and extent of COPCs at certain Parcel 6 AOCs and SWMUs. Sampling activities at each site are described within the specific section of this Work Plan that discusses the subject AOC or SWMU. The specific method, intervals, and depths to be sampled at the subject AOC or SWMU will be dependant on the nature and extent of COPCs at that site. Sample collection volumes, bottle requirements, preservation, and holding times are described in the project QAPP, which is included as Appendix C.

During discrete soil sampling relatively undisturbed discrete soil or rock samples shall be obtained, where possible, during the advancement of each boring for the purpose of logging, field screening and analytical testing. A decontaminated split-barrel sampler lined with brass sleeves or direct-push barrel with unused acetate sleeves shall be used during drilling to obtain representative core samples. Analytical samples shall be collected from the core samples as described in the QAPP (Appendix C). The remaining portions of the core sample shall be used for logging and field screening. Samples to be submitted for laboratory analyses shall be selected based on: 1) the results of the field screening analyses; 2) the position of the sample relative to groundwater, suspected releases, or site structures; 3) the sample location relative to former or altered site features or structures; 4) suspected migration pathways and the stratigraphy encountered in the boring; and 5) the specific objectives for site characterization at the individual SWMU or AOC.

Samples obtained from all exploratory borings shall be visually inspected and the soil or rock type classified in general accordance with ASTM D2487 (United Soil Classification System) and D2488, for soil and rock classification. Detailed logs of each boring shall be completed in the field by a qualified engineer or geologist. Additional information, such as the presence of water- bearing zones and any unusual or noticeable conditions encountered during drilling shall be recorded on the logs.

Samples obtained from borings shall be screened in the field for evidence of the potential presence of contaminants. Field screening results shall be recorded on the boring logs. Field screening results are used as a general guideline to evaluate the nature and extent of possible contamination. In addition, screening results shall be used to aid in the selection of soil or rock samples for laboratory analysis. The primary screening methods shall be by visual examination and headspace vapor screening for VOCs. Head space vapor screening shall target VOCs and shall be conducted by placing a soil or rock sample in a plastic bag or a foil sealed container allowing space for ambient air. The container shall be sealed and then shaken gently to expose the soil or rock to the air trapped in the container. The sealed container shall be allowed to rest for a minimum of 5 minutes while vapors equilibrate. Vapors present within the sample bag head space will then be measured by inserting the instrument probe into a small opening in the bag or through the foil. The maximum value and the ambient air temperature shall be recorded on the field boring log. The monitoring instruments shall be calibrated each day to the manufacturer's standard. A photoionization detector (PID) equipped with a 10.6, or higher, electron volt lamp shall be used for VOC field screening.

Soil or rock samples shall be collected at intervals described in the individual Parcel 6 SWMU or AOC sections of this Work Plan. These samples shall be representative of the media and site conditions being investigated. Appropriate QA/QC samples shall be collected in accordance with the QAPP (Appendix C).

4.4.5 Multi-Incremental Soil Sampling

Multi-Incremental sampling methods are generically described in this section with specific rationale and sampling locations specifically described in the individual Parcel 6 AOC sections of this Work Plan. The MI soil sampling will be conducted to delineate the nature and extent of COPCs at certain Parcel 6 AOCs. The specific method, intervals, and depths to be sampled at the subject AOCs will be dependant on the nature and extent of COPCs at the respective sites. Sample collection volumes, requirements, preservation, and holding times are described in the project QAPP (Appendix C).

The MI sample collection will be conducted in accordance with applicable guidance as specified by EPA Method 8330B. In general, MI decision unit sizes will be limited to 0.25 acre, which is an area consistent with the size of a residential lot. Generally, a total of 50 MI sample increments will be collected within each decision unit. Additionally, each decision unit will be sampled at two depth intervals, one from 0- to 6-inches and another from 6- to 12-inches bgs.

The MI samples will be field screened and logged in accordance the methods described in Section 4.4.4.

4.4.6 Well Installation and Sampling

If the water table is encountered during the soil boring investigation activities, then a groundwater monitoring well may be installed. Potential well locations will be determined based on results of the borehole investigations.

As appropriate, 4-inch diameter schedule 40 PVC groundwater monitoring wells will be installed. Wells will be installed with 20 feet of 4-inch schedule 40 PVC 0.010-inch machine slotted screen with a 5-foot blank casing sump. Approximately 5-feet of the screened interval will be placed above the water table to allow for seasonal water level fluctuations. Wells shall have centralizers placed at the top and bottom of the screen. The filter pack shall be 10-20 Colorado Silica Sand or equivalent and will extend from the bottom of the borehole to a depth of 2 feet above the screened interval. Above the filter pack, a bentonite chip seal will be installed with a thickness of approximately 10 feet and hydrated with potable water every 1-foot to provide a competent seal. The thickness of the seal

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will be dependent on the lithology of the aquifer formation such that the bentonite seal extends from the top of the filter pack to within 5 feet of the most consolidated unit above the water table. To the ground surface, a cement/bentonite grout mixture shall be installed using a tremie pipe. The mixture will consist of 94 pounds of Portland cement to 7 gallons of approved water and 3 percent by weight of sodium bentonite powder.

The well will have an 8-inch diameter by 5-foot tall round protective steel casing and a 4-foot by 4-foot wide by 4-inch thick concrete pad, which shall be installed in such a way as to direct surface runoff away from the casing. Four 4-inch diameter by 5-feet tall steel bollards will be installed around the well on the outside of the concrete pad. An approximate well casing stick-up height of 3 feet is required to accommodate a potential dedicated pump system. The well shall be equipped with a security lock and the well will be tagged with corrosion-resistant identification. The casing will be coated with protective yellow paint as required by the depot.

Wells will be developed by swabbing, bailing, and pumping until the recorded temperature, pH, turbidity, and specific conductivity values are within 10-percent of one another and once the turbidity is below 100 nephelometric turbidity units (NTU). Following well development, groundwater samples will be collected and analyzed for the specific COPCs identified for the respective SWMU or AOC. All samples will be analyzed in accordance with the project QAPP (Appendix C).

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~~4.4.6~~4.4.7 Survey of Points

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All sample locations will be marked with a survey stake and flagged when sampling is complete. Following the field sampling program all sample locations will be surveyed by a New Mexico licensed professional surveyor. Horizontal coordinates for all sample locations will be referenced to the New Mexico State Planar grid.

~~4.4.6~~4.4.8 Sample Identification, Chain-of-Custody, Packaging, and Shipping Procedures

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~~4.4.6.1~~4.4.8.1 Sample Identification

The sample identification will consist of a combination of the Parcel number, AOC or SWMU number, additional site identifier, source of sample, increment or boring number, type of sample, and depth of sample collection in accordance with the latest version of the FWDA *Environmental Information Management Plan* (USACE, 2007b). Additional description of the proposed sample nomenclature system is as follows:

Parcel:	06
SWMU or AOC:	04
Additional Site Identifier:	Y-B1045 (revetment) or F4 (feature 4 within SWMU 20)
Source of Sample:	SS (surface soil), SB (soil boring), SW (surface water), GW (groundwater), WW (waste water), SL (sludge), TB (trip blank), EB (equipment blank)
Boring or Increment Number:	XX or XXX, sequence number as appropriate
Type of Sample:	M (multi-incremental), C (composite), D (discrete)
Sample Depth:	0001 (0 to 1 foot), 1011 (10 to 11 feet), etc., as appropriate depending on the COPCs at an individual site

QA/QC samples (as described in the QAPP) will carry the same sample nomenclature as the parent sample with a unique suffix and numeral (if required) to distinguish individual samples. Equipment rinsate blanks and trip blanks, and field blanks will carry the sample location identifier with an

additional designation of TBXX or EBXX (where XX represents the sequence number of the sample). Each blank will have a unique tracking number.

~~4.4.6.2~~4.4.8.2 Chain-of-Custody

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Chain-of-custody forms will be completed and will accompany each sample at all times. Data on the forms will include the sample number, 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 numbers; date and time collected; collection location; tracking number; and analysis will be documented in the field log book.

~~4.4.6.3~~4.4.8.3 Packaging and Shipping Procedures

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All samples will be shipped by overnight air freight 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 quality control (QC) samples (such as, 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 to 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.

~~4.4.7~~4.4.9 Field Documentation

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Appropriate field documentation for all activities will be maintained as part of the formal project documentation. Field sampling documentation and data reporting will adhere to those procedures specified in the QAPP, which is provided as Appendix C.

~~4.4.8~~4.4.10 Decontamination Procedures

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Decontamination of reusable sampling equipment and personnel will be performed to ensure chemical analyses reflect actual concentrations at sampling locations by maintaining the quality of samples and preventing cross-contamination. The standard equipment decontamination procedures to be used during completion of soil sampling activities are as follows:

- All direct-push sampling cores will be collected in nonreusable acetate sleeves. The reusable direct push samplers and drill rods are not expected to come into direct contact with soil samples recovered for laboratory analysis. However, the samplers and drill rods will be decontaminated between boreholes.
- A simple decontamination wash pad shall be constructed using plastic sheeting which is rolled up at the ends (typically with lumber) to contain water. The pad shall be large enough to hold multiple 5-gallon buckets and sampling rods that require decontamination and to provide ample working area within the pad (roughly 8 feet by 8 feet).
- Direct push samplers and drill rods will be washed using a bristle brush in potable water to which alconox or liquinox laboratory detergent has been added. All items will then be thoroughly rinsed with potable water and allowed to air dry.
- Decontamination should be performed on the plastic sheeting of the temporary decontamination pad. Accumulated wash and rinse water will be left within the decontamination pad and allowed to evaporate.

- Once all decontamination water is evaporated, the plastic sheeting and associated pad materials shall be disposed of at an approved on-facility dumpster.

- After field cleaning, equipment will be handled only by personnel wearing clean gloves to prevent recontamination. The equipment will be moved away from the cleaning area to prevent recontamination. If the equipment is not to be immediately reused it will be covered with plastic sheeting or wrapped in aluminum foil to prevent recontamination. The area where the equipment is stored prior to reuse must be free of contaminants.

~~4.4.9~~4.4.11 Investigation-Derived Waste Disposal

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Investigation derived waste will be managed in accordance with the Investigation-Derived Waste Management Plan, which is presented in ~~Appendix E~~Appendix D.

Three types of IDW may be generated during the sampling of environmental media during the Parcel 6 RFI activities: residual soil volume, decontamination fluids, and disposable sampling equipment and personal protective equipment (PPE). These IDW categories will be managed as follows:

- Soil that remains after required sample volumes have been collected from recovered direct-push cores will be emptied from the sampling sleeves and contained in drums for appropriate disposal.

- Volumes of decontamination fluids are anticipated to be small. Decontamination fluids will be contained within the temporary decontamination pad areas during active sampling and decontamination activities at a site. Accumulated wash and rinse water will be left within the decontamination pad and allowed to evaporate.

- Used, non-decontaminated disposable sampling equipment or PPE will be placed in polyethylene trash bags and treated as general refuse which will be placed in suitable facility trash receptacles on a daily basis.

Table 4-1 Parcel 6 RFI Work Plan Analytical Requirements, Soil Sampling, Fort Wingate Depot Activity

	Explosives	Perchlorate	VOCs	SVOCs	TPH-DRO	TPH-ORO	Pesticides	Herbicides	PCBs	Metals
Method	Explosives 8330	Perchlorate 6850	VOCs 8260	SVOCs 8270	TPH-DRO 8015	TPH-ORO 8015	Pesticides 8081	Herbicides 8151	PCBs 8082	Metals SW6010B and SW7471A
Method	8330B	6850	8260B Volatile Organic Compounds	8270C Semi-Volatile Organic Compounds	8015B Diesel Range Organics	8015B Oil Range Organics	8081A Pesticides	8151 Chlorinated Herbicides	8082 Polychlorinated biphenyls	SW6010B and SW7471A
Specific Analyses Requested										
Specific Analyses Requested / Location	Explosives	Perchlorate	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Diesel Range Organics	Oil Range Organics	Pesticides	Chlorinated Herbicides	Polychlorinated biphenyls	RCRA Metals
SWMU 4	23	0	25	23	0	0	0	0	0	23
SWMU 8	48	48	53	51	0	48	51	0	51	48
SWMU 11	69	69	71	69	8	0	0	0	0	69
SWMU 20	6	6	7	6	0	0	6	6	0	6
AOC 28	299	0	0	0	0	0	0	0	0	299
AOC 42	6	0	0	0	0	0	0	0	0	6
AOC 61	6	0	0	0	0	0	0	0	0	6
AOC 75	0	0	0	0	0	0	0	0	8	0
AOC 90	60	0	0	0	0	0	0	0	0	60
AOC 94	10	0	0	0	0	0	0	0	0	10
AOC 78	17	0	0	0	0	0	0	0	0	17
AOC 84	21	0	0	0	0	0	0	0	0	21
AOC 81	10	0	0	0	0	0	0	0	0	10
Total Analyses	565	117	156	149	8	48	57	6	59	565
AOC 83	17	0	0	0	0	0	0	0	0	17
AOC 84	21	0	0	0	0	0	0	0	0	21
Total Analyses	565	117	156	149	8	48	57	6	59	565

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5.0 SWMU 4: Building 600 (Former Building 539)

5.1 Background

5.1.1 Location, Description, and Operational History

Building 600 is located on the east side of Arterial Road No. 2, north of Building 537 and southwest of the Workshop Area (shown previously in Figure 3-4 and as shown in Figure 5-1). Building 600 was constructed in 1942 and is an approximately 3,800-square-foot structure built of native stone and cinder block with a reinforced concrete floor. Photographs 5-1 through 5-6, which are provided at the end of this section, show various views of Building 600. The building floor plan is shown in Figure 5-2~~1~~. The main original building is approximately 40 feet by 64 feet. A 20-foot-by-24-foot addition was added to the southeast corner of the original building in 1961. Building 600 was formerly designated Building 539, so that numbering may appear in historic documents or drawings.

The Building 600 site was the former Ammunition Workshop (AWS) Change House and Laundry. The site was designated as SWMU 4 because it was identified as a potential source of explosives since it housed showers and laundry facilities for workers who performed explosives washout activities and handled munitions. There are no records of specific activities or operational dates associated for the change house and laundry facilities. Building 600 was not in operation at the time the FWDA installation was closed in 1993.

At various times during its operation, Building 600 interior drains discharged to a cesspool, an outfall to the adjacent arroyo, an outfall to the ground surface, and a connection to the sanitary sewer system (PMC, 2002). A boiler is located in the southeastern addition to the main original structure. At the time the building was taken out of service the boiler was fueled by natural gas. Reportedly the boiler was originally coal-fired with coal stored in a designated sub-room of the boiler room addition.

5.1.2 Surface Conditions

The SWMU 4 area is generally flat and the vegetation cover surrounding the building consists mostly of grass and sagebrush.

5.1.3 Subsurface Conditions

5.1.3.1 Existing Subsurface Infrastructure

Subsurface infrastructure at SWMU 4 includes interior drains, pipelines, and utilities associated with Building 600. Building 600 itself is a slab on-grade structure. The schematic for the building and the location of the associated drain lines are shown in ~~Figure 5-1~~Figure 5-2. Building 600 historically had the following drain lines:

- A 4-inch-diameter vitrified clay drain line that discharged directly to an arroyo approximately 300 feet west of the building
- A 4-inch-diameter vitrified clay drain line that discharged to a cesspool located approximately 100 feet northeast of the building.

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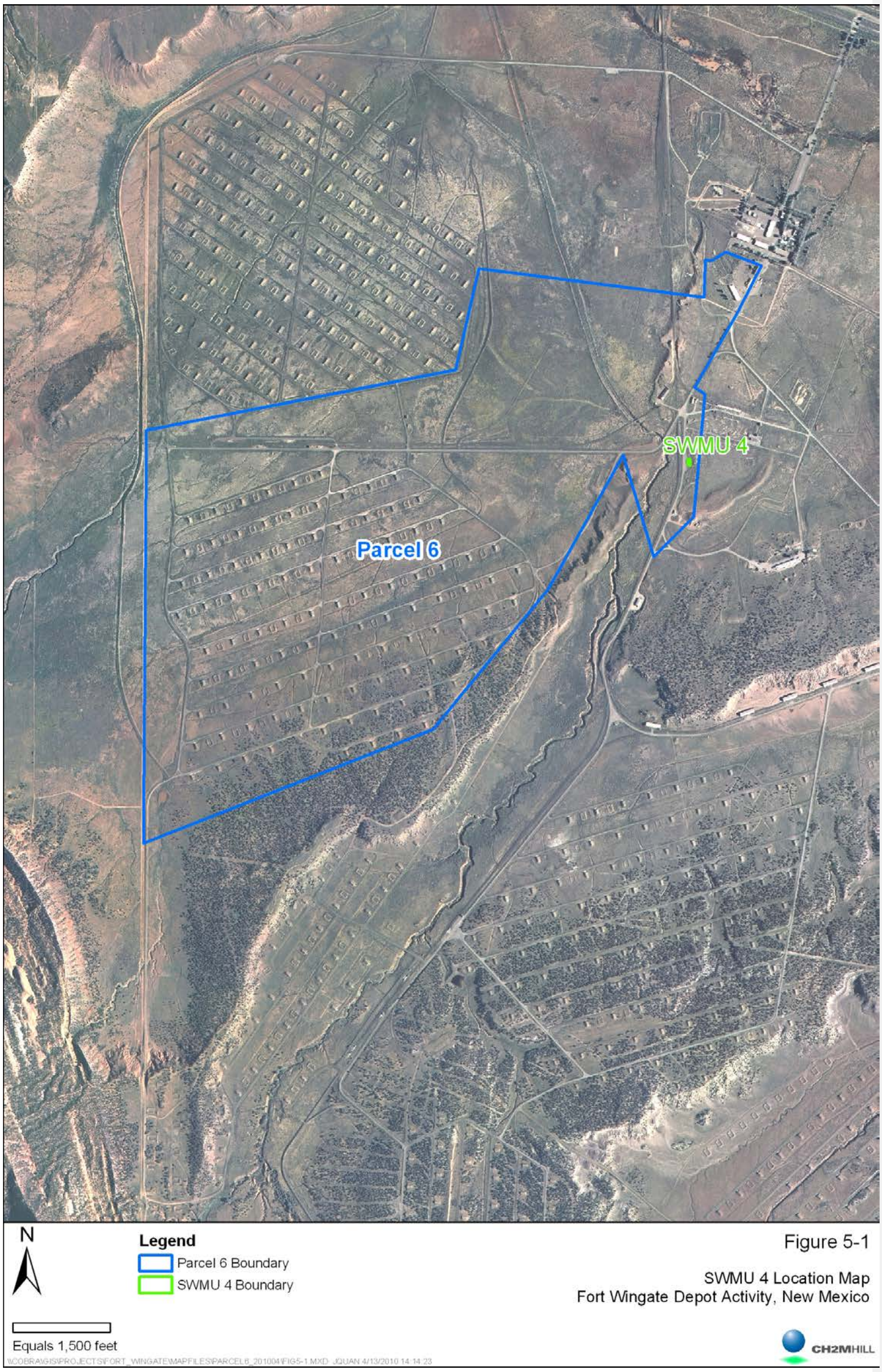

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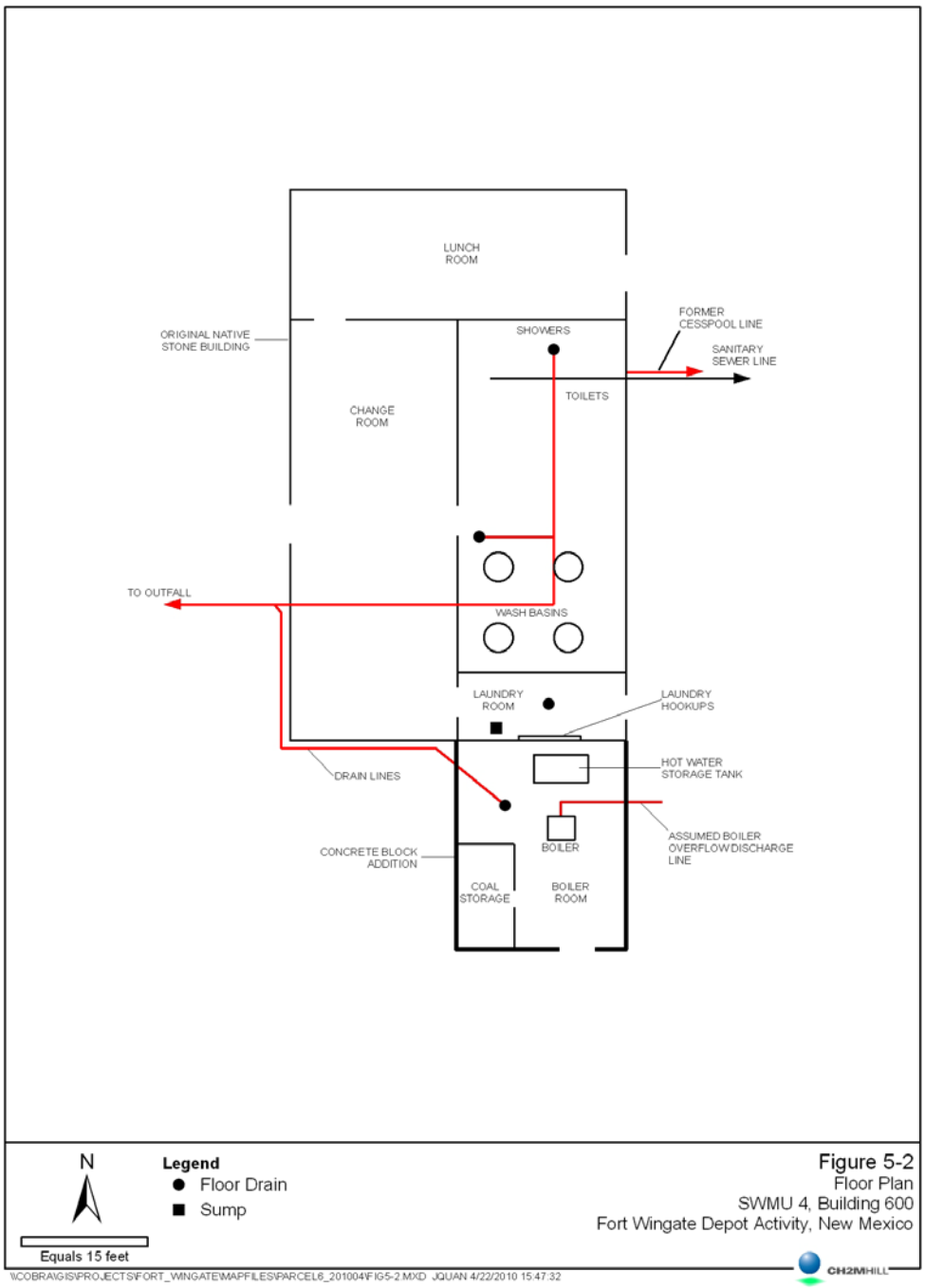

Figure 5-2
Floor Plan
SWMU 4, Building 600
Fort Wingate Depot Activity, New Mexico

- A 6-inch-diameter cast iron pipe that discharged directly to the ground surface approximately 30 feet southeast of the building
- A 6-inch-diameter vitrified clay pipeline that connected into the sanitary sewer line located 30 feet east of the building

All floor drains in the building reportedly discharged to the arroyo outfall; only the toilets discharged to the cesspool and then later to the sanitary sewer line. A grated sump is located in the south central portion of the original portion of the building. Field observations indicated that the sump did not have an outlet. The sump has a concrete bottom and an inspection by the USACE on February 6, 2010, found the concrete bottom to be intact and not cracked.

The 6-inch-diameter clay sanitary sewer line flows from south to north and is located east of Building 600. The sanitary sewer line also services four other facilities (Buildings 527, 528, 536, and 537) located upstream of Building 600, carrying sewage to the FWDA sewage treatment plant located in the Administration Area.

5.1.3.2 Other Subsurface Conditions

The SWMU 4 Building 600 is a slab on-grade structure, so there are no other subsurface structures aside from utilities associated with the building. Sampling that has been conducted at the site confirms that the site is underlain by unconsolidated alluvium to depths of at least 10 to 12 feet bgs. Depth to the first water-bearing zone water table is approximately 62 feet bgs in the general area, based on installed groundwater monitoring wells. Depth to the second water-bearing zone in the general area is between 70 and 118 feet bgs, based on installed groundwater wells.

5.1.4 Waste Characteristics and Contaminants of Potential Concern

The operational history of Building 600 does not indicate that hazardous materials or waste were specifically handled or otherwise stored at the site. Based on the operational history the only COPCs for SWMU 4 are explosives associated with the shower and laundry facilities that were used by workers who performed explosives washout activities and handled munitions.

5.2 Previous Investigations

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5.2.1 Nonsampling Data

Previous nonsampling data include aerial imagery from 1935, 1948, 1952, 1958, 1962, 1966, 1973, 1978, 1985, 1991, 1993, and 1997. Building 600 is first visible in the 1948 aerial photo and persists in all subsequent years' photos. Interpretation of the aerial imagery did not identify any significant findings that would indicate activities different from those understood to be the operational history at the site. Additionally, the aerial imagery did not show conditions that would indicate releases to the environment.

Site reconnaissance conducted as part of the Phase I RFI confirmed the presence of the various interior floor drains depicted in ~~Figure 5-1~~Figure 5-2. The cesspool area was identified during the site reconnaissance although the cesspool itself had been filled in. The arroyo outfall pipeline to the west was also visible, as were the manholes associated with the sanitary sewer line to the east of Building 600. Stained soil, stressed vegetation, or other signs of environmental releases were not observed around Building 600 during the Phase 1 RCRA RFI site reconnaissance activities or during the site reconnaissance activities in 2008.

Other nonsampling data include historical drawings and maps available for Building 600 (formerly Building 539).

5.2.2 Sampling Data

Previous investigative activities were performed at SWMU 4 as part of a Phase I RFI conducted in 2000 and 2001 as depicted in Figure 5-3~~2~~. The RFI activities at Building 600 focused on investigation of the discharge points associated with the various drain lines from the building. Four soil borings were advanced to 12 feet bgs around the former cesspool. Two soil samples were collected from each boring from the 4- to 6-feet bgs and 10- to 12-feet bgs intervals. One surface soil sample was collected from the ground surface immediately downslope of the pipeline outfall into the arroyo. One sediment sample of the material accumulated in the sanitary sewer was collected from the sewer manhole directly east of Building 600. All collected samples were analyzed for explosives, target compound list (TCL) VOCs, TCL SVOCs, and target analyte list (TAL) metals.

Table 5-1 presents the concentrations of those compounds positively detected in the Phase I RFI samples. No explosives were detected in any samples at concentrations above the analytical reporting limit. As would be expected of geologic materials, concentrations of metals were detected in all samples although concentrations were below applicable NMED residential direct-exposure SSL. Low concentrations of several VOCs and SVOCs were detected in some samples. The detected VOCs or SVOCs included toluene, methylene chloride, and phthalate compounds. These compounds are common laboratory contaminants. The concentrations were all low, estimated values. All VOC and SVOC concentrations were substantially below applicable NMED residential SSLs. The sediment sample collected from the sanitary sewer manhole contained five SVOCs and seven VOCs (Table 5-1). Most concentrations were estimated values and all were well below the applicable NMED residential SSLs.

The Phase I RFI also included a groundwater investigation to further assess explosives concentrations that had been detected in previously installed groundwater monitoring well TMW-11. Well TMW-11 is located downgradient of Building 600, about 400 feet north of the building, as shown in Figure 5-4~~2~~. The objective of the groundwater investigation was to evaluate whether Building 600 or nearby Building 542, considered part of SWMU 11, could be the source or sources of the explosives detected in groundwater at well TMW-11.

The groundwater investigation included the installation of six additional monitoring wells, including four wells screened within the first water-bearing zone (generally less than 70 feet bgs) and two screened within the second water-bearing zone (generally 70 to 118 feet bgs). The monitoring wells were installed to evaluate potential groundwater impacts from both Building 600 (SWMU 4) and Building 542 (SWMU 11). The wells were located throughout the western side of the FWDA Workshop area in the general area between and around Buildings 600 and 542. Well TMW-14A was installed approximately 600 feet upgradient of SWMU 4 to assess upgradient water quality in the first water-bearing zone as depicted in Figure 5-4~~3~~.

Two rounds of groundwater samples were collected from the Phase I RFI monitoring wells in 2001. Analytical data indicated low levels of explosives (cyclotrimethylenetrinitramine [RDX], 2,4-dinitrotoluene, 2,6-dinitrotoluene, and nitrobenzene) in five of the six new wells and also in well TMW-11 where explosives were originally detected. Positively detected concentrations of explosives are presented in Table 5-2. All concentrations were estimated values less than 1 microgram per liter (µg/L). There are no applicable New Mexico Water Quality Control Commission (WQCC) standards or EPA maximum contaminant levels (MCLs) for these compounds. The analytical results from upgradient well TMW-14A indicated 2,4-dinitrotoluene and nitrobenzene at similar estimated concentrations as detected in the other Phase I RFI wells.

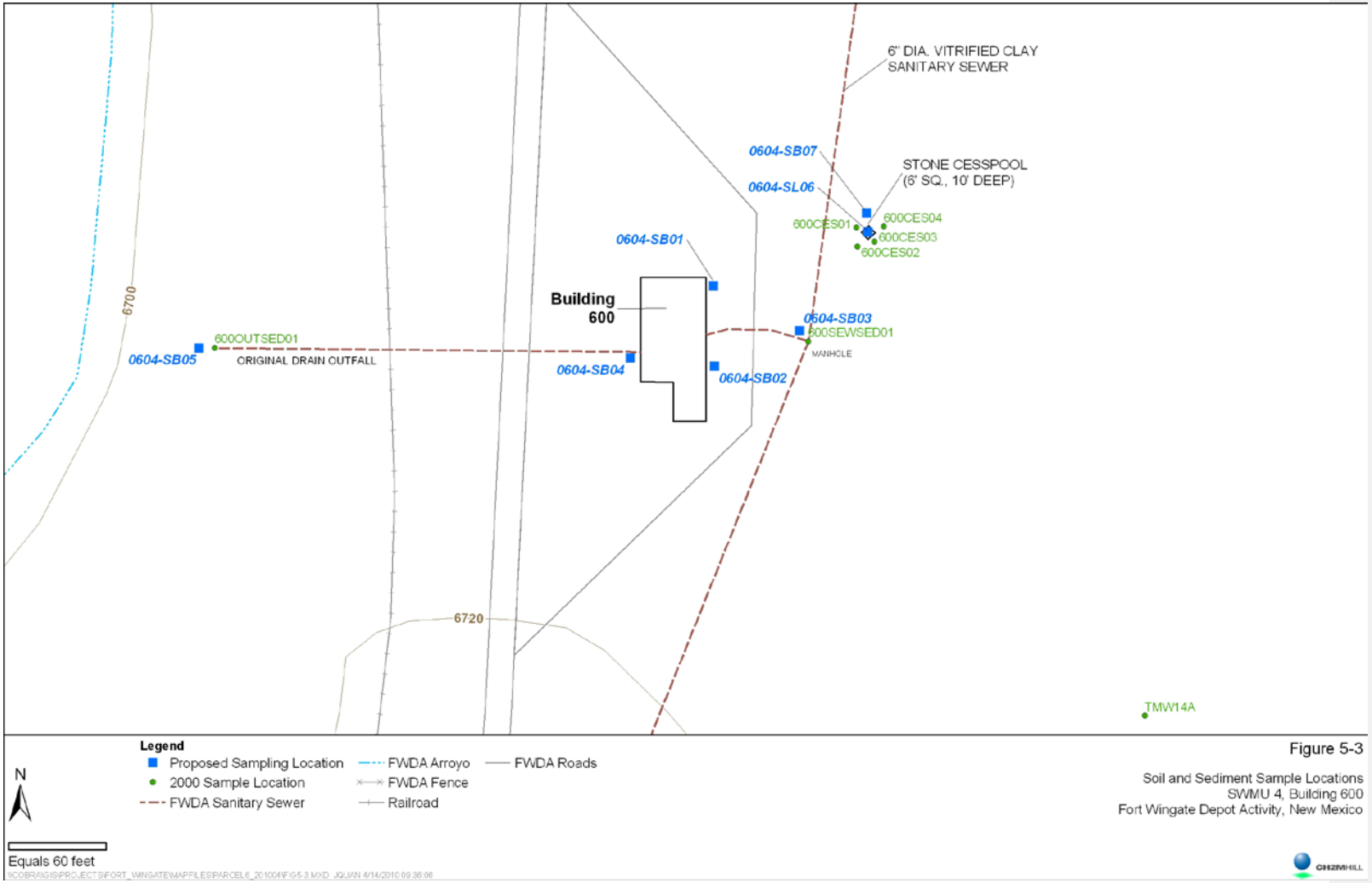

Figure 5-3

Soil and Sediment Sample Locations
SWMU 4, Building 600
Fort Wingate Depot Activity, New Mexico

Table 5-1 Summary of Reportable Concentrations for Soil Analyses
Completed at SWMU 4, Building 600[a] Fort Wingate Depot Activity (concentrations in mg/kg) (1 of 3)

Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[b]**	BoreCesspool	BoreCesspool	BoreCesspool	BoreCesspool
			600CES010105	600CES010212	600CES010212-FD	600CES020105
			11/29/00	11/29/00	11/29/00	11/29/00
			5 feet bgs	12 feet bgs	12 feet bgs	5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	0.00032 J	0.00043 J	0.00037 J	0.00043 J
Metals - EPA Method 6010	Aluminum	78,100	22,600	13,200	16,400	12,200
	Arsenic	3.59	2.08	1.62	1.49 J	1.98
	Barium	15,600	388	248	278	ND
	Beryllium	156	1.17	0.754	0.808	0.576
	Cadmium	77.9	ND	ND	ND	0.090 J
	Calcium	N/A	27,000	26,600	29,900	16,200
	Chromium	219	6.89	4.46	6.15	4.06
	Cobalt	23[c]	7.35	5.12	5.5	3.86
	Copper	3,130	11.3	6.36	6.61	5.01
	Iron	54,800	18,000	12,100	13,300	10,300
	Lead	400	13.6	9.82	10.6	6.57
	Magnesium	N/A	6,480	4,610	5,620	3,860
	Manganese	10,700	384	382	425	282
	Mercury	7.71	0.03	0.015 J	0.018 J	0.016 J
	Nickel	1,560	16.5	10.3	14.2 J	ND
	Potassium	N/A	4,330	2,510	3,330	2,500
	Sodium	N/A	1,380	573	688	1,800
	Thallium	5.16	0.139 J	0.10 J	0.11 J	0.165 J
	Vanadium	391	21.4	19.9 J	17.5 J	12.1
	Zinc	23,500	36.7	23.5	26.5	19.2

[a] Data referenced from PMC, 2002
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[c] EPA Regional Screening Levels (RSL), December 2009.
Positive detections of organic compounds are shaded.
bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Table 5-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 4, Building 600[a] Fort Wingate Depot Activity (concentrations in mg/kg) (2 of 3)

Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[b]**	BoreCesspool	BoreCesspool	BoreCesspool	BoreCesspool
			600CES020212	600CES030105	600CES030105-FD	600CES030212
			11/29/00	11/30/00	11/30/00	11/30/00
			12 feet bgs	5 feet bgs	5 feet bgs	12 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	0.00056	0.00028 J	0.00034 J	0.00029 J
SVOCs - EPA Method 8270B	Bis(2-ethylhexyl)phthalate	280	ND	ND	ND	0.049 J
	Diethyl phthalate	48,900	ND	ND	ND	0.016 J
Metals - EPA Method 6010	Aluminum	78,100	20,000	12,600	15,700	18,400
	Arsenic	3.59	1.65	1.57	1.7	1.87
	Barium	15,600	ND	229 J	277 J	262
	Beryllium	156	1.12	0.665	0.837	0.972
	Cadmium	77.9	ND	ND	ND	0.061 J
	Calcium	N/A	23,800	19,000 J	18,700 J	20,900
	Chromium	219	6.6	4.6	6.1	6.68
	Cobalt	23[c]	6.54	4.63 J	5.08 J	5.74
	Copper	3,130	11.1	6.60 J	7.73 J	8.45
	Iron	54,800	16,000	11,400	13,800	15,200
	Lead	400	12.6	7.43 J	8.71 J	11.8
	Magnesium	N/A	6,050	4,330	5,090	5,340
	Manganese	10,700	444	314	356	374
	Mercury	7.71	0.027	0.016 J	0.018 J	0.022
	Nickel	1,560	14.3	ND	ND	ND
	Potassium	N/A	4,180	2,650	3,360	3,740
	Sodium	N/A	991	2,520	2,600	1,400
	Thallium	5.16	0.162 J	0.064 J	0.082 J	0.082 J
	Vanadium	391	19	13.8 J	15.5 J	17.4
	Zinc	23,500	34.8	22.5 J	26.4 J	32.8

[a] Data referenced from PMC, 2002
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[c] EPA Regional Screening Levels (RSL), December 2009.
Positive detections of organic compounds are shaded.
bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Table 5-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 4, Building 600[a] Fort Wingate Depot Activity (concentrations in mg/kg) (3 of 3)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreCesspool	BoreCesspool	Outfall	Sewer
			600CES040105	600CES40212	600OUTSED01	600SEWSED01
			11/30/00	11/30/00	11/07/00	11/07/00
			5 feet bgs	12 feet bgs	0.5 feet bgs	0.5 feet bgs
VOCs - EPA Method 8260B	2-Butanone	39,600	ND	ND	ND	0.111
	Acetone	67,500	ND	ND	ND	0.569
	Carbon disulfide	1,940	ND	ND	ND	0.0079 J
	Ethylbenzene	69.6	ND	ND	ND	0.0015 J
	Methylene chloride	199	ND	ND	0.0015 J	0.0060 J
	Toluene	5,570	0.00031 J	0.00029 J	ND	0.011 J
	Xylenes, total combined	1,090	ND	ND	ND	0.016 J
SVOCs - EPA Method 8270B	Anthracene	17,200	ND	ND	ND	6.42
	Bis(2-ethylhexyl)phthalate	280	ND	ND	ND	0.092 J
	Carbazole	N/A	ND	ND	ND	0.064 J
	Fluoranthene	2,290	ND	ND	ND	0.048 J
	Pyrene	1,780	ND	ND	ND	0.054 J
Metals - EPA Method 6010	Aluminum	78,100	8,260	18,500	9,350	12,800
	Arsenic	3.59	0.959	1.27	0.628	2.98
	Barium	15,600	242	299	150	193
	Beryllium	156	0.430 J	1.04	0.606	ND
	Cadmium	77.9	ND	0.059 J	ND	15
	Calcium	N/A	16,800	25,100	17,300	14,900
	Chromium	219	2.78	6.27	3.88	15.3
	Cobalt	23[c]	3.21	5.89	2.77	4.06
	Copper	3,130	3.08	8.43	4.41	123
	Iron	54,800	8,340	15,200	8,280	15,600
	Lead	400	5.53	11.2	5.39	224
	Magnesium	N/A	2,960	5,860	3,400	4,720
	Manganese	10,700	324	431	288	170
	Mercury	7.71	ND	0.018 J	ND	0.976
	Potassium	N/A	1,650	3,860	2,240	2,790
	Selenium	391	ND	ND	ND	2.74
	Sodium	N/A	1,040	801	244	602
	Silver	391	ND	ND	ND	2.95
	Thallium	5.16	0.07 J	0.128 J	ND	ND
	Vanadium	391	10.1	17.3	9.53	14.4
	Zinc	23,500	14.4	27.7	13	786

[a] Data referenced from PMC, 2002
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[c] EPA Regional Screening Levels (RSL), December 2009.
Positive detections of organic compounds are shaded.
bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

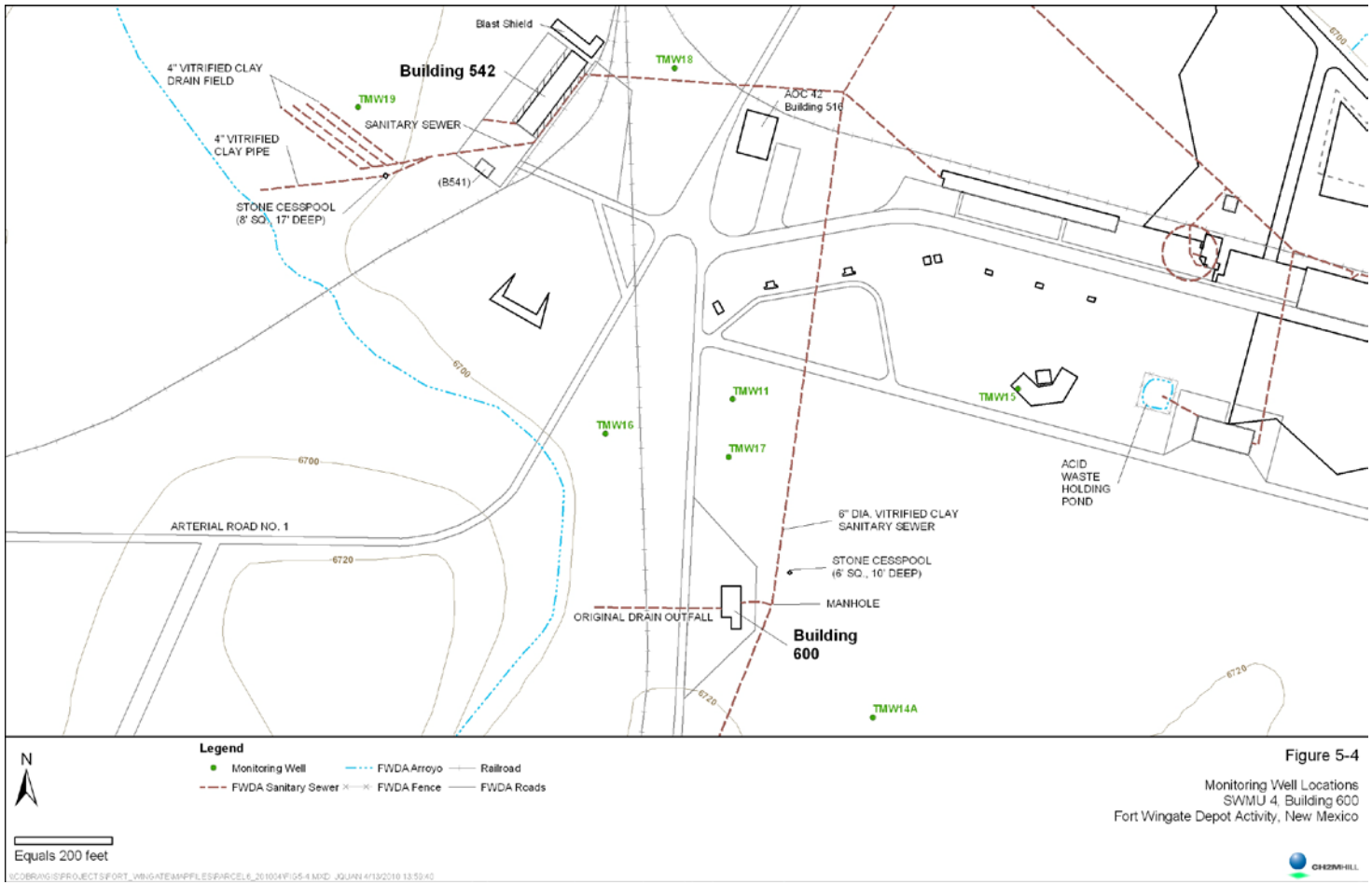

Figure 5-4

Monitoring Well Locations
SWMU 4, Building 600
Fort Wingate Depot Activity, New Mexico

Nitrate and nitrite were also detected in two wells, TMW-11 and TMW-15, although concentrations were substantially below the New Mexico WQCC standards and EPA MCLs. Fluoride was detected in three wells, TMW-11, TMW-14A, and TMW-17, during the Phase I RFI sampling. Concentrations detected during the April 2001 sampling event in wells TMW-11 and TMW-17 (1.8 and 1.9 milligrams per liter [mg/L]) slightly exceed the New Mexico WQCC standard of 1.6 mg/L for fluoride but are below the EPA MCL of 4 mg/L. The positively detected concentrations of nitrate, nitrite, and fluoride are presented in Table 5-2. Several TAL metals were detected in all samples, although concentrations were all well below applicable New Mexico WQCC or EPA MCL standards. The TAL metal data are not tabulated in Table 5-2.

Additional investigation activities include the asbestos survey completed at this site (Pickering Environmental, 1990). This report includes results of an asbestos-containing material (ACM) investigation completed at various FWDA buildings. Results indicated that ACM was present in approximately 50 square feet of boiler jacket material and 45 linear feet of insulated pipe at Building 600. ACM was abated in 1999 (USACE, 2000).

5.2.3 Conceptual Model

5.2.3.1 Nature and Extent of Contamination

Based on review of the operational history of SWMU 4, visual inspection of the site, and evaluation of available analytical data, it appears that the release of any COPCs to the environment is limited to minor releases associated with discharges from some of the drain lines from Building 600. The nature and extent of potential surface soil contamination that may have resulted from discharges from the Building 600 doorways has not been evaluated.

The Phase I RFI activities were conducted in 2001 to evaluate whether Building 600 may be the source of explosives detected in groundwater at well TMW-11. Based on the investigation findings, it appears that low-level explosives impacts to the second water-bearing zone exist throughout the western Workshop Area including the southeast portion of Parcel 6. The detection of explosives in the groundwater upgradient of Building 600 and lack of any positive detection of explosives in the soil surrounding Building 600 indicate that SWMU 4 itself is not a likely source of explosives impacts to groundwater in this general area of the FWDA.

5.2.3.2 Fate and Transport

If contamination is present at SWMU 4, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

5.2.3.3 Data Gaps

As previously discussed, the Phase I RFI focused on evaluating potential releases from the various drain line discharges from Building 600. The data collected as part of that investigation indicate that the former cesspool area and arroyo outfall areas do not have impacts that represent an unacceptable risk to human health or the environment. Likewise the sediment sample collected from the sanitary sewer did not have concentrations of COPC in excess of the NMED residential SSL.

Data gaps include verifying that COPCs were not released to the surface soil outside Building 600 in the areas of the building doorways or to the subsurface in the vicinity of the connections between interior drain lines and the discharge piping.

Table 5-2 Summary of Reportable Explosives Concentrations in Groundwater, Western Workshop Areas, Fort Wingate Depot Activity[a] (concentrations in µg/L)

Chemical Class and Laboratory Method	**Analyte**	**NMWQCC Standard[b]**	**EPA MCL[c]**	TMW11	TMW11 FD	TMW15	TMW11	TMW11 FD	TMW15
				2/16/01	2/16/01	2/16/01	4/30/01	4/30/01	5/1/01
Explosives - Method 8330	RDX	N/A	N/A	0.260 J	0.290 J	ND	0.270 J	0.270 J	ND
	2,4-Dinitrotoluene	N/A	N/A	ND	ND	ND	ND	ND	0.180 J
Water Quality Chemistry	Nitrate-N	10,000	10,000	690	690	1,800	720	700	1,600
	Nitrite-N by Calculation	N/A	1,000	ND	40 J	ND	200 J	200 J	200 J
	Fluoride	1,600	4,000	ND	ND	ND	1,800	1,600	ND
Chemical Class and Laboratory Method	**Analyte**	**NMWQCC Standard[b]**	**EPA MCL[c]**	TMW14A	TMW16	TMW17	TMW18	TMW19	
				5/2/01	5/3/2001	4/30/2001	5/1/2001	5/2/2001	
Explosives - Method 8330	RDX	N/A	N/A	0.120 J	ND	ND	ND	ND	
	2,4-Dinitrotoluene	N/A	N/A	ND	0.130 J	ND	0.140 J	0.100 J	
	2,6-Dinitrotoluene	N/A	N/A	ND	ND	ND	0.24	ND	
	Nitrobenzene	N/A	N/A	0.22	ND	ND	ND	ND	
Water Quality Chemistry	Fluoride	1,600	4,000	580	ND	1,900	ND	ND	

[a] Data referenced from PMC, 2002
[b] New Mexico Water Quality Control Commission Standard, if available
[c] EPA Drinking Water Maximum Contaminant Level, if available
Positive detections of explosive compounds are shaded.
N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

5.3 Investigation Methods

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5.3.1 Contaminant Source

The potential contaminant source associated with SWMU 4 is explosives released to the surface or subsurface soils from building drain line discharges or through housekeeping practices that resulted in surface discharges from the building entryways.

Based on the Phase I RFI conducted in 2001 the SWMU 4 site and Building 600 do not appear to be sources of impacts to groundwater. Therefore, no additional investigation of groundwater issues related to this site is recommended.

5.3.2 Media Characterization

The presence of soil contamination at SWMU 4 will be evaluated by collecting soil samples from direct-push boreholes.

5.3.3 Quality Assurance/Quality Control

The QA/QC practices specified in the project QAPP (provided in Appendix C) will be followed during all sampling activities.

5.4 Scope of Activities

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The following field activities will be conducted during the RFI at SWMU 4:

- Installation of ~~five~~ seven soil borings using direct-push drilling methods.
- Collection and analysis of surface and subsurface soil samples.

5.4.1 Borehole Installation and Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from operations at SWMU 4. Based on operational history, the only expected COPCs for SWMU 4 are explosives. However, low-level detections of VOCs and SVOCs during prior Phase I RFI sampling indicate that it is reasonable to continue to analyze for these constituents to compile a complete data set to support no further action (NFA). As would be expected of geologic materials, metals were also detected in all prior samples, although not at concentrations exceeding applicable screening levels. Therefore, metals analyses are proposed for current effort.

Field activities will include the advancement of ~~five~~ seven soil borings at the site, as shown in Figure 5-3~~2~~. Sample locations, depths, and analytical parameters are summarized in Table 5-3. Multi-incremental surface soil samples will be collected and analyzed for explosives (EPA Method 8330B) at each boring location, except for the cesspool location which will not be sampled at the ground surface. All other samples will be collected as discrete samples. The rationale for each boring location and sampling is described as follows:

- Two borings will be advanced adjacent to Building 600, on the east side of the building, in the vicinity of the building doorways (samples 0604-~~SS/~~SB01 and 0604-~~SS/~~SB02~~3~~). These borings will assess whether housekeeping practices within the building may have resulted in discharges from these entryways. Borings will be advanced to approximately 5 feet bgs with analytical samples collected at the 0- to 1-foot bgs and 4- to 5-feet bgs intervals. Boring 0604-~~SS/~~SB02~~3~~ will also assess potential impacts from the former cast iron line that appears to have discharged to

Table 5-3 Proposed RCRA Facility Investigation Sampling and Analyses for ~~,~~ SWMU 4, Fort Wingate Depot Activity

					Explosives	VOCs	SVOCs	Metals
Method					8330B	8260B	8270C	SW6010B and SW7471A
Specific Analyses Requested					Explosives	Volatile Organic Compounds	Semi-Volatile Organic Compounds	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment				
0604-SS01-D-0001	SB01	0-1	Discrete*		X	X	X	X
0604-SS01-D-0001-DUP	SB01	0-1	Discrete Dup*		X	X	X	X
0604-SS01-D-0001 MS/MSD	SB01	0-1	Discrete*	MS/MSD	X	X	X	X
0604-SB01-D-0405	SB01	4-5	Discrete		X	X	X	X
0604-SS02-D-0001	SB02	0-1	Discrete*		X	X	X	X
0604-SB02-D-0405	SB02	4-5	Discrete		X	X	X	X
0604-SS03-D-0608	SB03	6-8	Discrete		X	X	X	X
0604-SB04-D-0608	SB04	6-8	Discrete		X	X	X	X
0604-SB05-D-0405-DUP	SB05	4-5	Discrete Dup		X	X	X	X
0604-SB05-D-0405	SB05	4-5	Discrete		X	X	X	X
0604-SB05-D-0910	SB05	9-10	Discrete		X	X	X	X
0604-SB05-D-6465	SB05	64-65	Discrete		X	X	X	X
0604-SL06-D-0910	SL06	9-10	Discrete		X	X	X	X
0604-SB07-D-1011	SB07	10-11	Discrete		X	X	X	X
0604-SB07-D-1415	SB07	14-15	Discrete		X	X	X	X
0604-SB07-D-2425	SB07	24-25	Discrete		X	X	X	X
0604-SB07-D-3435	SB07	34-35	Discrete		X	X	X	X
0604-SB07-D-4445	SB07	44-45	Discrete		X	X	X	X
0604-SB07-D-5455	SB07	54-55	Discrete		X	X	X	X
0604-SB07-D-6465	SB07	64-65	Discrete		X	X	X	X
0604-TB01-D	SWMU 4	N/A	Discrete	Trip Blank		X		
0604-EB01-D	SWMU 4	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
0604-TB02-D	SWMU 4	N/A	Discrete	Trip Blank		X		
0604-EB02-D	SWMU 4	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
Total Normal Samples					17	17	17	17
Total Duplicates					2	2	2	2
Total Equipment Blanks (Rinsate water sample)					2	2	2	2
Total Trip Blanks					0	2	0	0
Total MS/MSD Samples (lab counts each separately)					1	1	1	1
Total Soil Samples					21	21	21	21
Total Water Samples					2	4	2	2
Total Analyses					23	25	23	23

Notes

bgs = below ground surface
Discrete = discrete location sample
Dup = duplicate sample
Lab QC = Matrix spike/matrix spike duplicate sample set which will be **triple the normal sample volume**
MS/MSD = matrix spike/matrix spike duplicate
* = Surface soil samples will be multi-incremental samples for explosives and discrete samples for all other constituents

- the ground surface in this area based on as-built drawings. This boring location will also assess potential impacts from housekeeping practices associated with the building entry way on the southeast corner of the building. Additionally, the building is planned for demolition in the spring of 2010. Soil beneath the building will be inspected for releases and sampled if visual observation indicates a release.

- Two borings will be advanced adjacent to former drain line connections to assess the possibility of discharges from these connections (~~samples~~ borings 0604-SB03~~2~~ and 0604-SB04). One boring will be advanced adjacent to the connection between the drain line that served the floor drains in the southern addition to Building 600 and the main drain line that discharged to the western arroyo. The second boring will be advanced adjacent to the connection between the drain line that exited Building 600 and the sanitary sewer line. Borings will be advanced to approximately 8 feet bgs with analytical samples collected at the 6- to 8-feet bgs interval only

- One boring will be advanced at the arroyo outfall location of the former drain line to evaluate if contamination has migrated to groundwater (boring 0604-SB05). The boring will be advanced to the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal. Analytical samples will be collected at 4- to 5- and 9 to 10-feet bgs, and at the bottom of the borehole.

- One boring will be advanced within the former cesspool, as possible (0604-SL06). This boring will be advanced to evaluate the sediment or sludge remaining at the base of the cesspool and to confirm the results from previous borings located adjacent to the cesspool. The boring will be advanced to the base of the cesspool with an analytical sample collected from the bottom one foot interval of the base of the cesspool, expected to be 9- to 10-feet bgs. Further inspection of the cesspool will also be completed to evaluate whether the cesspool should be removed and appropriately abandoned.

- One boring will be advanced immediately adjacent to the expected downgradient side of the former cesspool (0604-SB07). Soil samples will be collected at 1- and 5-feet below the base of the former cesspool and every 10 feet thereafter to the water table or the bottom of the borehole if the water table is not encountered before drilling refusal. Drilling will be conducted adjacent to the former cesspool, since drilling through the bottom of the cesspool is not practical due to its stone bottom.

Subsurface soil borings will be advanced using a direct-push drilling method. This method will allow not only sample collection, but also observation and description of the soil column at each location to allow visual identification of soil staining, lithology changes, etc., and collection of field measurements with a ~~photoionization detector (~~PID~~)~~.

The sampling process will be completed for each boring as generically described in Section 4 and as follows:

1. The drilling rods and sampling sleeve will be advanced to each depth interval to recover specified samples.
2. The recovered soil cores will be geologically logged and field-screened using a PID.
3. Discrete grab soil samples will be extracted from the appropriate depth intervals and placed into appropriate sample bottles as specified in the project QAPP (Appendix C).
4. Remaining soil shall be emptied from the sampling sleeves and contained in drums for appropriate sampling and disposal.

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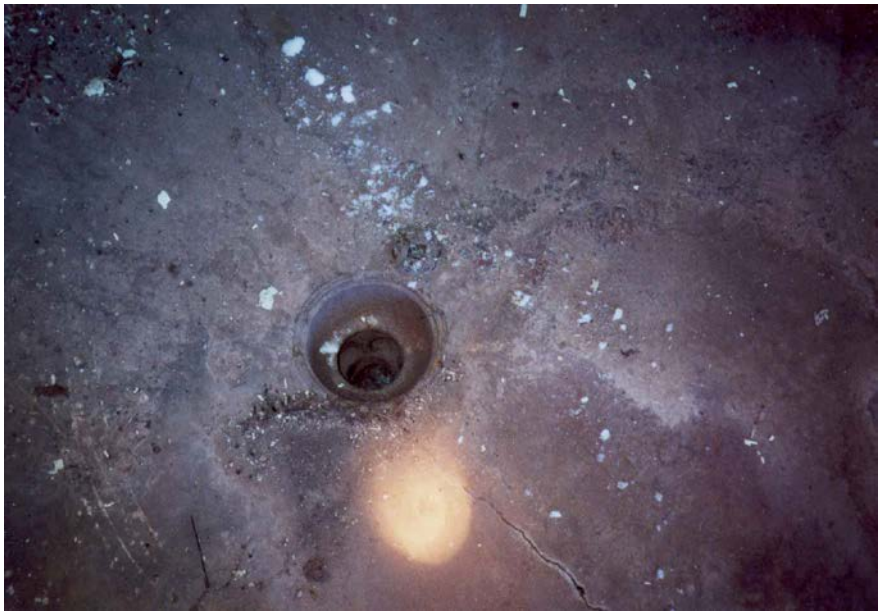
5. At the conclusion of drilling the borehole will be abandoned by backfilling with properly hydrated bentonite chips.

6. Identify each borehole location with a survey spike that incorporates colored flagging.

Table 5-3 summarizes the proposed soil sampling at SWMU 4. All samples will be analyzed for VOCs (EPA Method 8260B); SVOCs (EPA Method 8270C); RCRA metals (EPA Method 6010B and Method 7471A); and explosives (EPA Method 8330B). All samples will be analyzed in accordance with the project QAPP (Appendix C).

Photograph 5-1 West side of Building 600, facing north, Fort Wingate Depot Activity

Photograph 5-2 East side of Building 600, facing north, Fort Wingate Depot Activity



Photograph 5-3 Building 600 floor drain, Fort Wingate Depot Activity

Photograph 5-4 Building 600 shower room, Fort Wingate Depot Activity

Photograph 5-5 Building 600 boiler room, Fort Wingate Depot Activity

Photograph 5-6 Building 600 laundry room sump, Fort Wingate Depot Activity

1

6.0 SWMU 8: Building 537

6.1 Background

6.1.1 Location, Description, and Operational History

Building 537 is located on the east side of Arterial Road No. 2, northwest of Building 530 (former Deactivation Furnace) and south of the Workshop Area (previously shown in Figure 3-4 and as shown in Figure 6-1)). Building 537 was constructed in 1941 and is a 4,200-square-foot brick structure with a reinforced concrete floor and basement (FWDA, 1961 and Daniel, 1994). Photographs 6-1 through 6-6, which are provided at the end of this section, show various views of Building 537. The building floor plan is shown in Figure 6-2~~1~~. Building 537 had a septic tank west of the railroad tracks with an outfall to the arroyo prior to the building's connection to the FWDA sanitary sewer system (PMC, 2004).

This building was originally designated as a field battery shop and was used to charge and service batteries for forklifts and portable lights (PMC, 2004). The building originally had electrical charging equipment that was reported to have historically leaked. This equipment, as well as the forklift hydraulics, may have contained PCBs. More recently the building was used to mix and store pesticides (mostly insecticides), in leak-proof containers (PMC, 2004). Documentation was not located regarding specific dates of historic operations at Building 537. Approximately 50 gallons of chlordane was formerly stored in this building, but was disposed of prior to 1988 (PMC, 2004). In addition, the Building 537 site was one of the FWDA locations where a transformer leaked onto the ground (PMC, 2004). The building has recently been utilized by TPL, Inc., for munitions component recovery and recycling purposes.

Historical reports also indicate a small (approximately 12 feet wide by 17 feet long) foundation slab was located approximately 50 feet east of Building 537 (TtNUS, 2000 and PMC, 2004). The location of the former building slab is shown in Figures 6-3~~2~~ and 6-4~~3~~. The foundation slab had a center drain that discharged, via a 6-inch-diameter vitrified clay pipe, to an earthen ditch between Building 537 and the slab (PMC, 2004). The foundation slab also had two abandoned ¾-inch-diameter water lines on its western edge (PMC, 2004). However, no information has been found in any Army records to identify this foundation slab or its operations. It is expected that this former slab may have been part of a wash rack related to the forklift battery charging operations. Forklifts or their batteries may have been washed at this location prior to servicing and forklift hydraulics may have contained PCBs. Aerial photographs from 1948 and 1952 show this feature, but due to the resolution of these photos it is unclear if this area is a building or just the slab. An aerial photograph from 1958 shows the slab, but the building had already been removed. This foundation slab was removed in 2004 as part of PCB-containing soil excavation activities (PMC, 2004).

6.1.2 Surface Conditions

The SWMU 8 area is generally flat and the vegetation cover consists mostly of grass and sagebrush. A small drainage feature begins immediately to the south of Building 537 and then drains to the east of the building in a northerly direction. A small culvert previously existed between Building 537 and the former small building slab to the east of Building 537.

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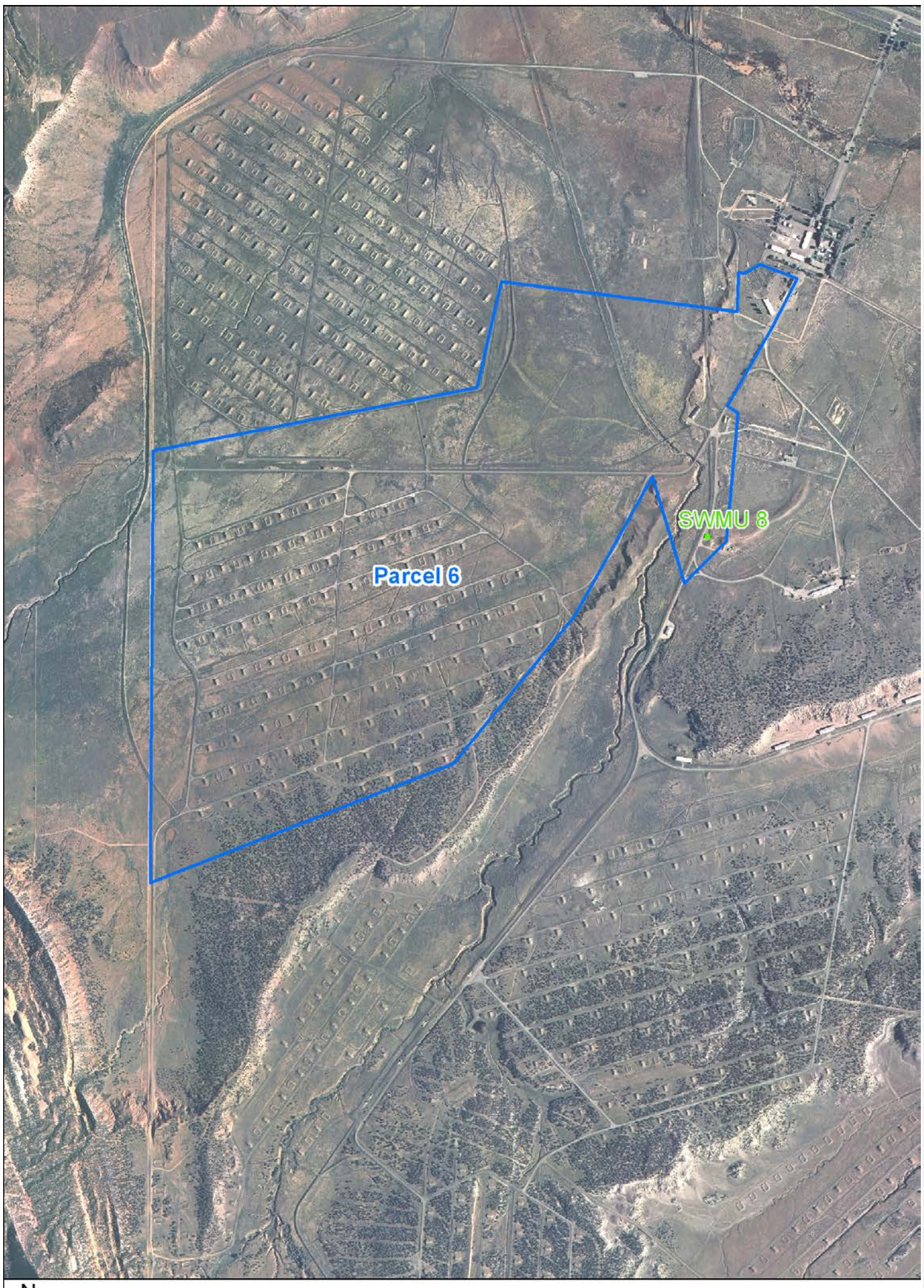

N

Legend

Parcel 6 Boundary

SWMU 8 Boundary

Equals 1,500 feet

\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG6-1.MXD JQUAN 4/15/2010 12:50:26

Figure 6-1

SWMU 8 Location Map
Fort Wingate Depot Activity, New Mexico

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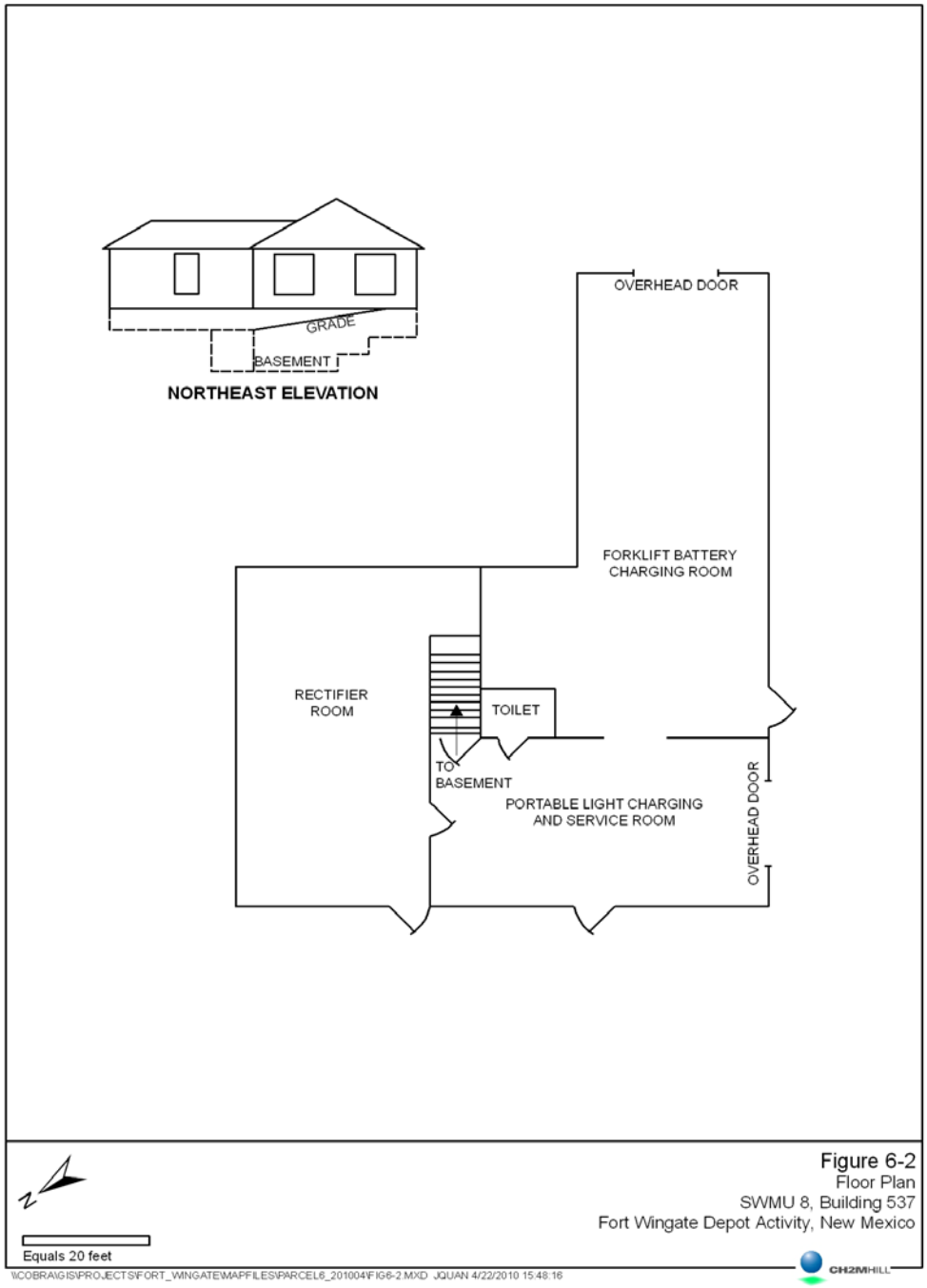

Figure 6-2
Floor Plan
SWMU 8, Building 537
Fort Wingate Depot Activity, New Mexico

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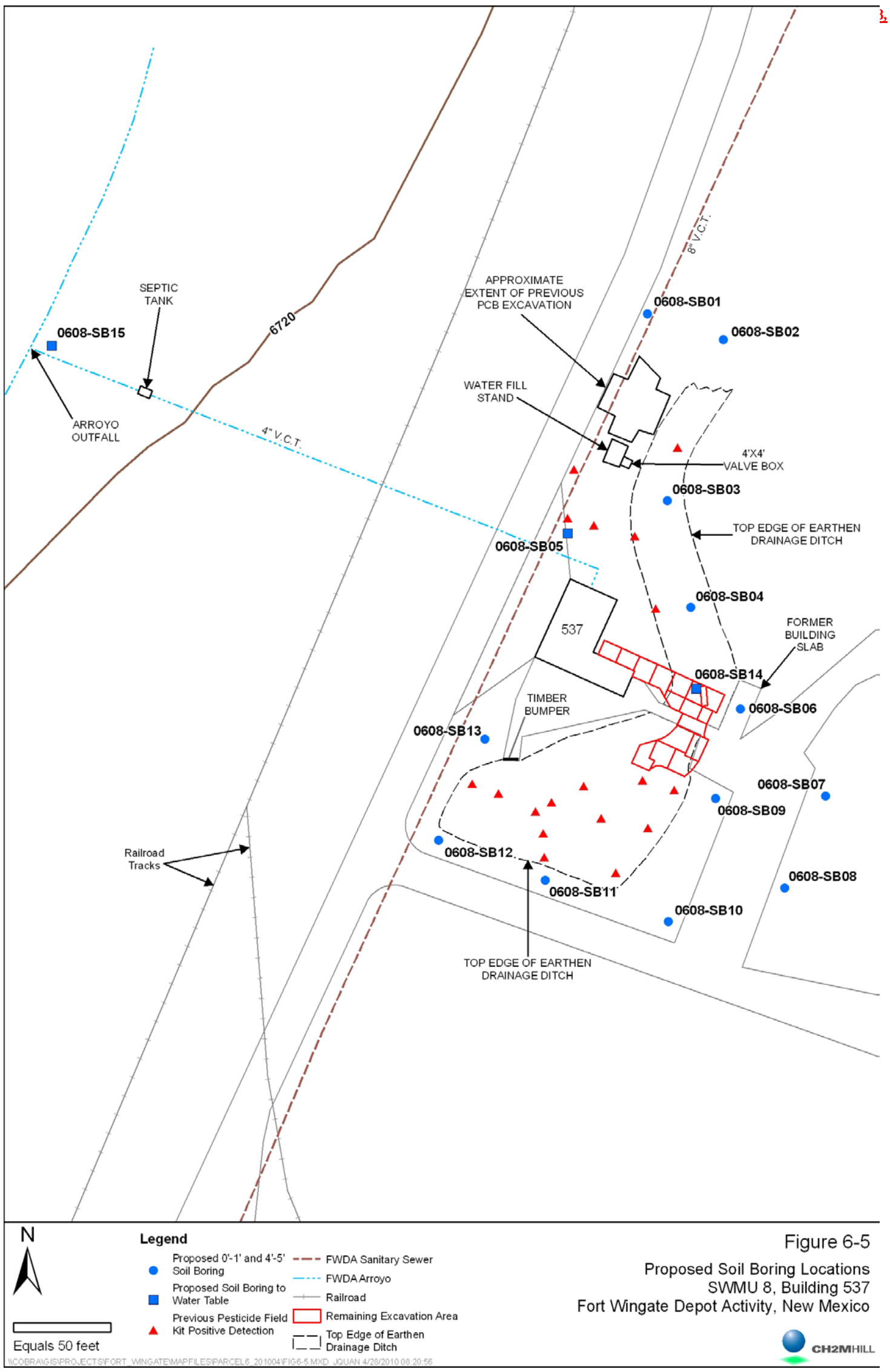

Figure 6-5
Proposed Soil Boring Locations
SWMU 8, Building 537
Fort Wingate Depot Activity, New Mexico

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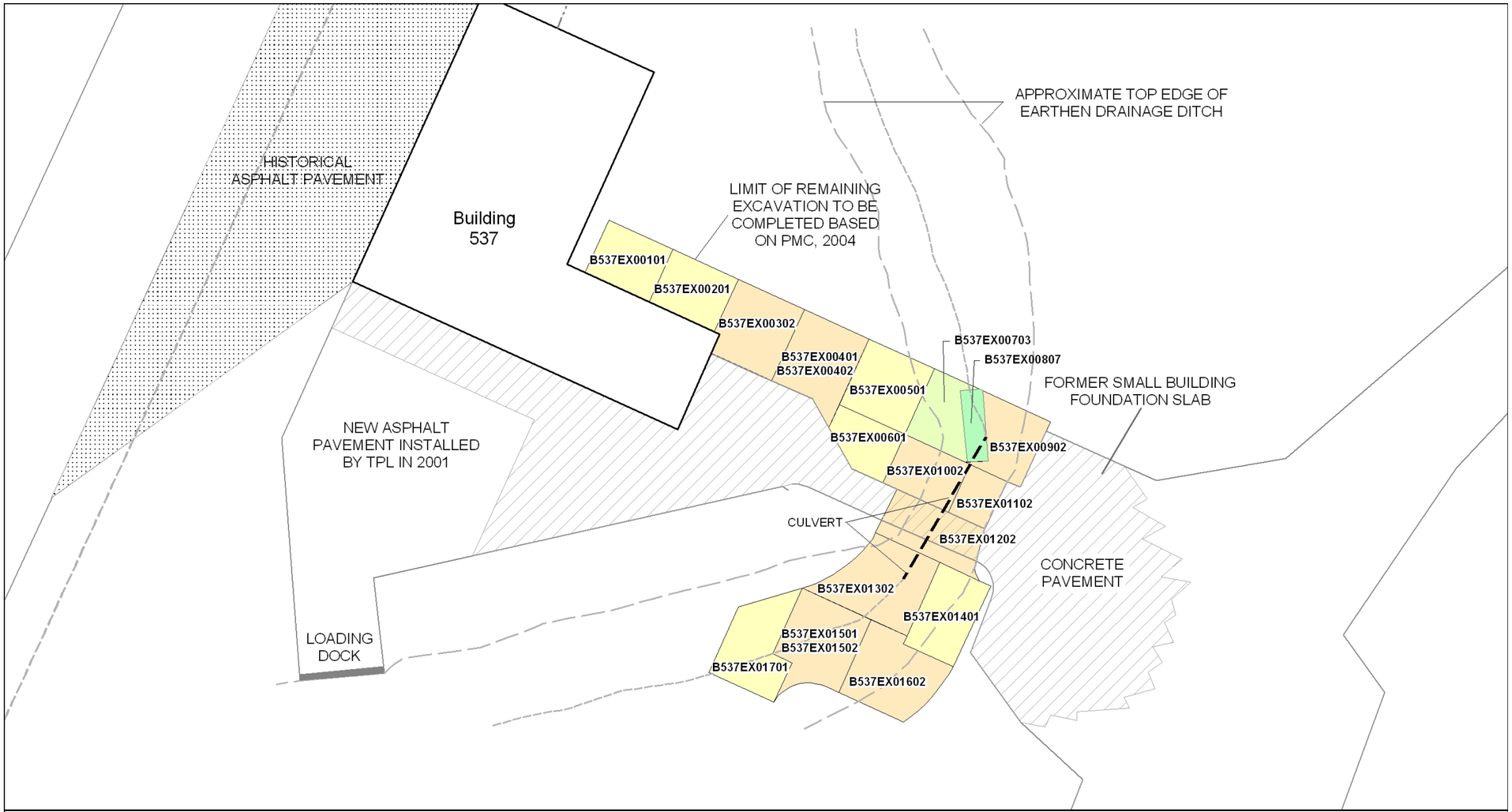

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Legend

- Excavate to 1' Depth
- Excavate to 2' Depth
- Excavate to 3' Depth
- Excavate to 7' Depth

Equals 15 feet

Figure 6-4

Remaining Soil Excavation Area
SWMU 8, Building 537
Fort Wingate Depot Activity, New Mexico

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6.1.3 Subsurface Conditions

6.1.3.1 Existing Subsurface Infrastructure

Subsurface infrastructure at SWMU 8 includes interior sewer lines and electrical utilities associated with Building 537. No as-built drawings were located in the historical documentation that show the location of the subsurface utilities, but it is known that the sanitary sewer and electrical utilities enter on the north side of Building 537. Building 537 has a basement crawlspace and the sanitary sewer and electrical utilities should be visible from the basement. The location of these utilities should be verified during the proposed field activities associated with this SWMU.

The general location of subsurface utilities adjacent to Building 537 is shown in Figure 6-4~~3~~. Historically, Building 537 had a 4-inch-diameter vitrified-clay drain line that discharged directly to an arroyo approximately 450 feet west of the building prior to its connection to the sanitary sewer line (located approximately 20 feet west of the building). The sanitary sewer line also services four other facilities (Buildings 527, 528, 536, and 600), carrying all sewage to the FWDA sewage treatment plant located in the Administration Area.

6.1.3.2 Other Subsurface Conditions

The SWMU 20 area is underlain by unconsolidated alluvium to depths of at least 7 feet bgs as determined during excavation activities (PMC, 2004). No groundwater wells have been installed at SWMU 8, but the depth to the first water-bearing zone in this area is estimated to be 60 to 70 feet bgs. The depth to the second water-bearing zone in this area is estimated to be between 70 and 118 feet bgs.

6.1.4 Waste Characteristics and Contaminants of Potential Concern

Building 537 was originally used to charge, and service, batteries for forklifts and portable lights. It is likely that electrical equipment within the building and the hydraulics associated with the forklifts serviced in the building used PCB-containing fluids. These fluids may have leaked inside of Building 537 and at the potential wash rack located to the west of the building. Acids and metals may have also been released during this period of operation.

The more recent operational history of Building 537 was to mix and store pesticides (mostly insecticides), in leak-proof containers (PMC, 2004). Chlordane (water emulsifiable); chlordane (dust); malathion (dust); aerosol synergized pyrethrin insect repellent (Dursban M) (water emulsifiable); calcium cyanide (cyanogas-dust); and the rodenticide bait anticoagulants 2-(dimethoxyphosphiothioylsulfanylmethyl) isoindole-1,3-dione (PMP) and Warfarin are listed as pesticides previously used at the FWDA and stored in Building 537. Historical documentation indicates that approximately 50 gallons of chlordane were formerly stored in this building, but was disposed of prior to 1988 (PMC, 2004).

PCBs, pesticides, and elevated metals concentrations have been identified in soils surrounding SWMU 8. The COPCs for SWMU 8 are RCRA metals, VOCs, SVOCs, pesticides, and PCBs.

6.2 Previous Investigations

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6.2.1 Nonsampling Data

Previous nonsampling data includes aerial imagery from 1935, 1948, 1952, 1958, 1962, 1966, 1973, 1978, 1985, 1991, 1993, and 1997 (ERI, 2006). Building 537 is first visible in the 1948 aerial photo and persists in all subsequent years' photos. Interpretation of the aerial imagery did not identify any significant findings that would indicate activities different from those understood to be the operational history at the site. However, aerial imagery did indicate areas of light-toned material near Building 537 in the area south of the loading dock and to the east of the building. These areas described as light-toned material are actually paved areas.

Historical documents indicate that pesticides were stored in leak-proof containers in a well ventilated area with concrete floors at Building 537. Chlordane (water emulsifiable); chlordane (dust); malathion (dust); aerosol synergized pyrethrin insect repellent (Dursban M) (water emulsifiable); calcium cyanide (cyanogas-dust); and the rodenticide bait anticoagulants PMP and Warfarin are listed as pesticides previously used at the FWDA and stored in Building 537.

Other nonsampling data include historical drawings and maps available for Building 537.

6.2.2 Sampling Data

Previous investigation phases have been completed at SWMU 8 and are summarized below. Available analytical data from previous investigations are summarized in Table 6-1 (provided at the end of this section). Figure 6-3~~2~~ presents the locations of previous soil borings. Figure 6-4~~3~~ shows the remaining area and depth the soil excavation is required to remove PCB-contaminated soil based on the 2004 investigation activities.

Final Asbestos Survey Report, Volume II, Book 1; Pickering Environmental, 1990

This report includes results of an ACM investigation completed at various FWDA buildings. Results indicated that ACM was present in approximately 50 linear feet of insulated pipe in the basement crawlspace at Building 537.

BRAC Remediation Projects (Phase I), PCB Remediation Soil Removal Buildings 536/537; CCC Group, 1996

During investigation activities conducted under the installation-wide remedial investigation/feasibility study (RI/FS), PCB-impacted soils were identified under an electrical transformer at Building 537. As a result, in 1996 the Army conducted a performance-based disposal action under the Toxic Substances Control Act of 1976 (TSCA). Approximately 45 cubic yards (yd3) of soil from underneath the former transformer platform adjacent to the building were removed. However, post-excavation samples indicated that elevated PCB concentrations remain in place at the site.

Final Remedial Investigation/Feasibility Study & RCRA Corrective Action Program Document; ERM Program Management Company, 1997

Investigation at this site was initially conducted as part of this installation-wide RI/FS. The objectives of the RI/FS were to determine if the surface soils around the building had been impacted by the pesticide handling operations and to determine whether contamination was present in a concrete pit located within the building basement. Six surface soil samples were collected around the exterior of the building. Eight wipe samples were collected from various surfaces within the building and basement. One sample of the sediment and one sample of the water within the concrete pit in the building basement were collected. All samples were analyzed for pesticides. Concentrations of

multiple pesticide compounds including chlordane, heptachlor, heptachlor epoxide, dichlorodiphenyldichloroethane (DDD), dichlorodiphenyldichlorethene (DDE), dichlorodiphenyltrichloroethane (DDT), endrin, endrin aldehyde, lindane, alpha-benzenehexachloride, and delta-benzenehexachloride were detected in almost all samples. Some concentrations exceeded applicable screening levels at the time this report was prepared. However, despite the presence of pesticides in and around Building 537, the site was not carried through to the baseline risk assessment performed as part of the RI/FS. This was because the exterior soil concentrations were determined to present a limited potential for exposure and the interior results were deferred to separate consideration once the disposition of the buildings was decided.

Summary of Sampling and Analysis Event to Delineate PCB Contamination, Buildings 536 and 537; USACE, 1997

Aroclor 1260 was detected in excavation post-removal samples from 1996. In 1997, the FWDA performed additional soil sampling for PCBs at the former transformer platform. The FWDA concluded that subsurface soils under the former transformer platform contained PCBs at concentrations greater than the most conservative TSCA cleanup level of 1 microgram per gram (µg/g), and that additional excavation was warranted.

Removal and Disposal of PCBs and Pesticide Soils; CCC Group, 1998

In 1998, the FWDA removed an additional 245 yd^3 of PCB-impacted soils from the former transformer platform area. PCBs were not detected in any of the confirmatory samples and the site was backfilled with clean soil.

Environmental Baseline Survey for the Transfer of Lands at Fort Wingate Depot Activity, New Mexico; USACE, 2000

This report provides a physical description of Building 537. This report states that PCBs had been detected near two utility poles but contaminated soils had been remediated. Further investigation would be required for evaluating pesticide contamination around the immediate exterior of the building. Friable ACM was abated in 1999 and lead-based paint (LBP) is assumed.

Final Release Assessments Report; TtNUS, 2000

In 2000, supplemental sampling was performed in areas adjacent to Building 537 to further evaluate potential environmental impacts from past operations, focusing on the pesticide storage and mixing operations, as well as field battery shop operations. Chlordane was detected in 13 samples at concentrations ranging from 9.15 to 82,200 µg/g. Aroclor 1260 was detected at four locations (water valve box, small foundation slab, near the southeast access door, and in the septic tank sediment) around Building 537. The source of PCBs in soil at these locations was not documented.

Field Investigation Report, Building 537; PMC, 2004

Several of the specific objectives outlined in the Soil Characterization Work Plan (2003) were not completed due to funding limitations. Activities that were not completed included excavation of PCB-impacted soil, delineation of pesticides and metals, and decommissioning of the septic tank at Building 537.

Activities that were completed during this phase of work included review of historical drawings, "hot spot" removal of approximately 100 yd^3 of PCB-impacted soil, and removal of 21.3 tons of concrete, including the small building foundation slab to the east of Building 537. Excavated waste was disposed of at a chemical waste landfill. The total in-place volume of soils originally calculated for removal based on test kit results was 383 yd^3, but funding limitations did not allow the entire volume to be removed at this time. Instead a focused "hot spot" removal action was completed, with

excavation depths ranging from 1 to 7 feet bgs. PCBs were not detected exceeding 1 µg/g in any of the confirmatory samples and the site was backfilled with clean soil. Interim measures (straw bales) have been maintained around the remediated area to prevent recontamination. According to this report, approximately 260 yd^3 of PCB-impacted soil remain in place at Building 537. The implementation of further interim remedial measures (IRM) was placed on hold awaiting issuance of the RCRA Permit.

6.2.3 Conceptual Model

6.2.3.1 Nature and Extent of Contamination

The different phases of soil sampling across the site have not been conducted in a manner that permits the full delineation of the degree and extent of soil contamination. Based on review of the operational history of SWMU 8, visual inspection of the site, and evaluation of available analytical data it appears that there was a broad release of PCBs and pesticides to the environment in the area surrounding Building 537 and the former potential wash rack area. Further investigation is needed to define the degree and extent of COPCs in soil at this site.

PCB-contaminated soil has been removed at some locations at SWMU 8. It is expected that additional PCB-containing soil and potentially pesticide-contaminated soil may need to be removed from SWMU 8.

6.2.3.2 Fate and Transport

If contamination is present at SWMU 8, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

6.2.3.3 Data Gaps

The horizontal and vertical extent of COPCs in soil at SWMU 8 has not been adequately delineated. Additional investigation of surface and subsurface soils at SWMU 8 is recommended.

6.3 Investigation Methods

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6.3.1 Contaminant Source

The potential contaminant source associated with SWMU 8 would be potential undocumented historical releases of hazardous substances to the surface or subsurface soils as a result of historical operations at this site. The sources of contamination at the site are pesticide handling and storage operations in the building and PCBs from former transformer and forklift operations.

6.3.2 Media Characterization

The presence of soil contamination at SWMU 8 will be evaluated by collecting soil samples from direct-push boreholes.

6.3.3 Quality Assurance/Quality Control

The QA/QC practices specified in the project QAPP (included as Appendix C) will be followed during all sampling activities.

6.4 Scope of Activities

The following field activities will be conducted during the RFI at SWMU 8:

- Installation of ~~16~~ 15 soil borings using direct-push drilling methods.
- Collection and analysis of surface and subsurface soil samples.

6.4.1 Borehole Installation and Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from operations at SWMU 8. Based on operational history, the COPCs for SWMU 8 are RCRA metals, VOCs, SVOCs, pesticides, and PCBs.

Field activities will include the advancement of 15~~6~~ soil borings at the site, as shown in Figure 6-5~~4~~. Sample locations, depths, and analytical parameters are summarized in Table 6-2. The rationale for each boring location and sampling is described as follows:

- One soil boring will be advanced at the preserved location of former discharge location of the 6 inch diameter vitrified clay pipe that discharged from the former foundation slab located approximately 50 feet east of Building 537 (0608-SB14). The former foundation slab may have been used as a wash rack for the fork lifts. The area near the foundation slab and 6-inch pipe have been excavated so the boring will be located based on the presumed location of this site feature. Soil samples will be collected at 5 feet bgs and then at 10-foot increments to the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

- One soil boring will be advanced at the former septic line discharge location near the arroyo (0608-SB15). Soil samples will be collected at 5, 10, and 20 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

- Thirteen borings will be advanced in the areas surrounding Building 537 to define the vertical and horizontal extent of soil contamination. Previous investigations have indicated high concentrations of PCBs and pesticides in the vicinity of Building 537, but the vertical and horizontal extent of contamination has not been defined. These borings will be advanced to aid in determining what additional corrective measures may be necessary at the SWMU 8. Borings will be advanced to approximately 5 feet bgs with analytical samples collected at the 0- to 1-foot bgs and 4- to 5 feet bgs intervals. Additionally, soil borings 0608-SB05 will be advanced to the water table or drilling refusal if the water table is not encountered before refusal. One analytical sample will be collected from the bottom of each borehole.

Subsurface soil borings will be advanced using a direct-push drilling method. This method will allow not only sample collection, but also observation and description of the soil column at each location to allow visual identification of soil staining, lithology changes, etc., and collection of field measurements with a PID.

The sampling process will be completed as generically described in Section 4 and as follows:

1. The drilling rods and sampling sleeve will be advanced to each depth interval to recover specified samples.
2. The recovered soil cores will be geologically logged and field-screened using a PID.
3. Discrete grab soil samples will be extracted from the appropriate depth intervals and placed into appropriate sample bottles as specified in the project QAPP (Appendix C).

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4. Remaining soil shall be emptied from the sampling sleeves and contained in drums for appropriate sampling and disposal.

5. At the conclusion of drilling, the borehole will be abandoned by backfilling with hydrated bentonite chips.

6. The borehole location will be identified with a survey spike that incorporates colored flagging.

Table 6-2 summarizes the proposed soil sampling at SWMU 8. All samples will be analyzed for RCRA metals (EPA Method 6010B and 7471A); VOCs (EPA Method 8260B); SVOCs (EPA Method 8270C); pesticides (EPA Method 8081); ~~and~~ PCBs (EPA Method 8082); explosives (EPA Method 8330B); and perchlorate (EPA Method 6850. Additionally, soil boring 0608-SB14 will be analyzed for TPH oil range organics (EPA Method 8015).~~.~~ All samples will be analyzed in accordance with the project QAPP (Appendix C).

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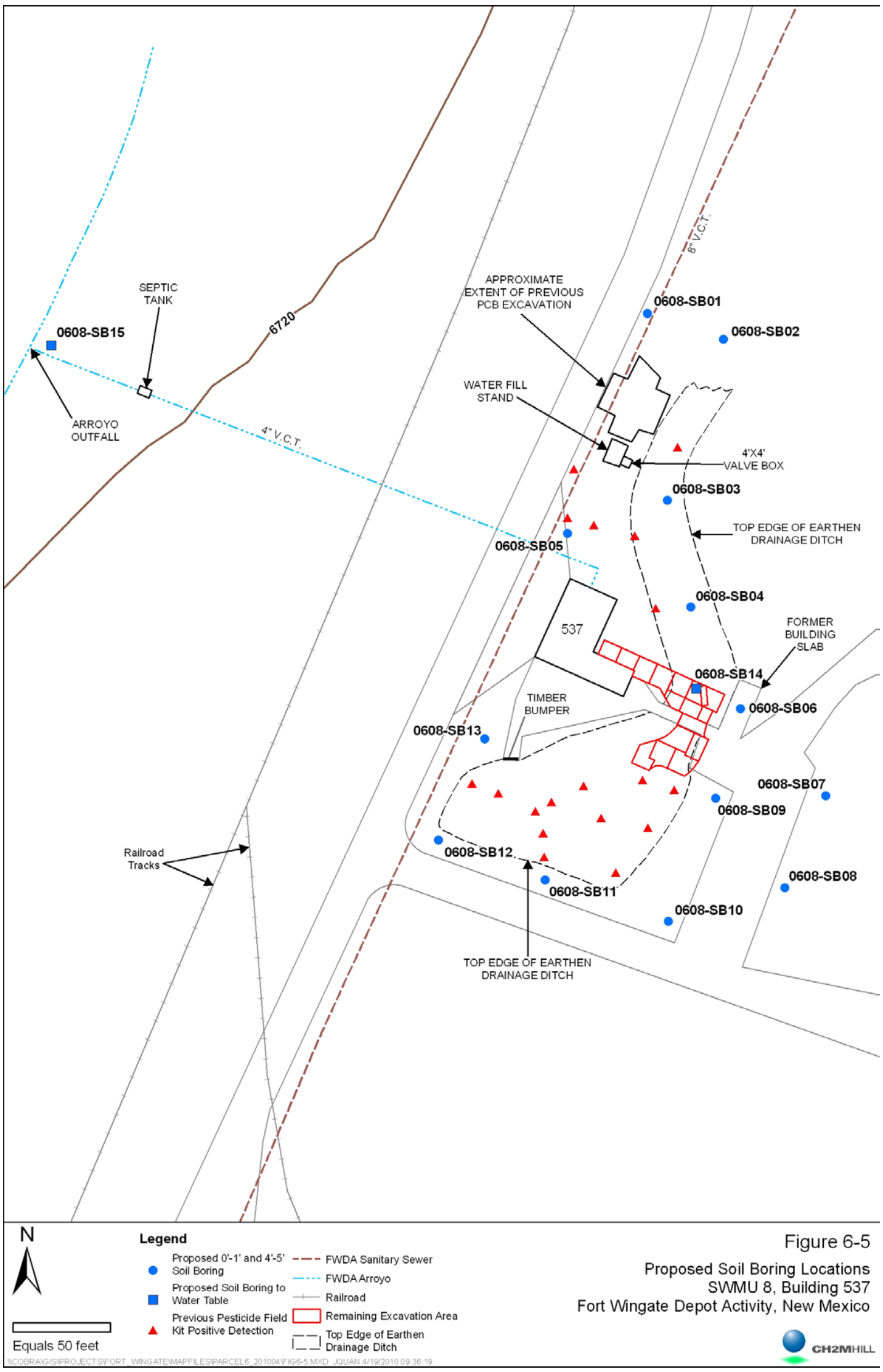

Figure 6-5

Proposed Soil Boring Locations
SWMU 8, Building 537
Fort Wingate Depot Activity, New Mexico

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Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (1 of 6) (concentrations in mg/kg)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[c]	PSBSO04A	PSBSO05A	PSBSO06A	PSBSO07	PSBSO08	PSSO09
			10/20/00	10/20/00	10/20/00	10/20/00	10/20/00	10/20/00
Metals - EPA Method 6010	Aluminum	78,100	11,000	8,280	17,500	17,400	21,600	17,400
	Antimony	31.3	ND	ND	0.3	ND	ND	ND
	Arsenic	3.59	2.1	2.2	2.8	1.9	1.6	1.8
	Barium	15,600	288	343	408	257	357	206
	Beryllium	156	0.6	0.6	0.8	0.7	0.7	0.6
	Cadmium	77.9	2.7	0.5	0.8	ND	ND	ND
	Calcium	N/A	70,000	85,400	38,700	15,800	32,000	12,500
	Chromium	219	37.8	11.9	1.8	12.5	15.6	11.5
	Cobalt	23[c]	5.9	3.6	5.1	5.5	5.2	4.1
	Copper	3,130	20.8	14.2	19.0	7.5	9.3	9.6
	Iron	54,800	14,200	11,100	16,700	15,600	16,900	11,400
	Lead	400	287	296	70.8	20.2	39.8	9.7
	Magnesium	N/A	24,100	30,000	9,460	5,260	10,300	6,160
	Manganese	10,700	474	681	374	301	342	303
	Mercury	7.71	ND	ND	0.1	ND	0.055	0.1
	Nickel	1,560	29.7	9.9	15	10.3	10.7	7.9
	Potassium	N/A	2,800	1,890	4,210	2,950	4,020	2,080
	Sodium	N/A	917	447	369	746	507	269
	Thallium	5.16	ND	ND	0.2	0.3	0.3	0.5
	Vanadium	78.2	26.6	23.6	32.5	21.6	28	20.6
	Zinc	23,500	261	191	82.6	42.0	101	34.6
Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[c]**	PSBSO10	PSBSO11	PSBSO12	PSBSO13	PSBSO14	B537-001
			10/20/00	10/20/00	10/20/00	10/20/00	10/20/00	10/20/00
PCBs- EPA Method 8082	Aroclor 1260	1.7	ND	0.0619	**55.9**	**22.6**	**5.09**	0.32
VOCs - EPA Method 8260B	Methylene Chloride	199	ND	0.0182	0.0133	ND	ND	ND
	Anthracene	17,200	ND	ND	ND	ND	ND	0.0636
	Benzo(a)anthracene	4.81	ND	ND	ND	ND	ND	0.578
	Benzo(b)fluoranthene	4.81	ND	ND	ND	ND	ND	0.633
	Benzo(g,h,i)perylene	N/A	ND	ND	ND	ND	ND	0.294
	Benzo(k)fluoranthene	48.1	ND	ND	ND	ND	ND	0.381
	Benzo(a)pyrene	0.481	ND	ND	ND	ND	ND	**0.599**
	Carbazole	N/A	ND	ND	ND	ND	ND	0.0543
	Chrysene	481	ND	ND	ND	ND	ND	0.613
	Dibenz(a,h)anthracene	0.481	ND	ND	ND	ND	ND	0.0955
	Di-n-butyl phthalate	6,110	ND	ND	ND	ND	0.1	ND
	Fluoranthene	2,290	ND	ND	ND	ND	ND	0.737
	Ideno(1,2,3-c,d)pyrene	4.81	ND	ND	ND	ND	ND	0.393
	Phenantherne	1,830	ND	ND	ND	ND	ND	0.194
	Pyrene	1,720	ND	ND	ND	ND	ND	0.487
Metals - EPA Method 6010	Aluminum	78,100	17,900	27,600	15,200	13,800	18,200	17,200
	Antimony	31.3	ND	ND	0.6	0.2	0.7	ND
	Arsenic	3.59	1.6	1.2	3.0	2.8	2.0	**19.5**
	Barium	15,600	417	438	340	478	325	254
	Beryllium	156	0.6	0.9	0.8	0.6	0.7	0.6
	Cadmium	77.9	ND	ND	0.8	0.8	1.3	1.9
	Calcium	N/A	28,000	35,700	26,100	41,000	32,200	10,900
	Chromium	219	13.4	17.7	18.3	16.4	14.7	23.1
	Cobalt	23[c]	5.1	6.3	5.0	3.8	4.7	6.0
	Copper	3,130	8.4	9.0	48.5	24.1	16.3	72.5
	Iron	54,800	14,100	20,400	21,200	17,800	15,600	**73,300**
	Lead	400	13.4	25.9	96.4	**517**	52.8	86.6
	Magnesium	N/A	8,860	8,570	4,660	6,380	6,690	5,660
	Manganese	10,700	316	488	398	475	406	354
	Mercury	7.71	0.1	0.1	0.1	ND	0.1	1.5
	Nickel	1,560	9.7	13.2	11.4	10.3	8.4	17.7
	Potassium	N/A	2,660	4,960	4,290	2,630	4,270	3,250
	Silver	391	ND	ND	ND	ND	ND	0.5
	Sodium	N/A	366	1,380	967	439	1,840	542
	Thallium	5.16	0.2	0.5	0.4	ND	0.3	ND
	Vanadium	391	22.4	26.7	34.3	36.5	23.4	30.6
	Zinc	23,500	54.3	56	120	102	131	411

[a] Data referenced from ERM, 1997 and PRC, 2004
[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented, where available.
[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.
[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.
Sample depths are not available for this data set.
Positive detections of organic compounds are shaded.
bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate NC – non carcinogen C – carcinogen
Sat – soil saturation J – Estimated value below RL

Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (2 of 6) (concentrations in mg/kg)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[c]	B537-002	B537-003	B537-004	PSBSO01	PSBSO03	PSBSO06
			10/20/00	10/20/00	10/20/00	12/04/92	12/04/92	05/04/93
PCBs - EPA Method 8082	Aroclor 1260	1.70	ND	ND	**22.7**	ND	ND	ND
Pesticides - EPA Method 8081	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	1.40[d]	ND	ND	ND	0.045	ND	0.0348
	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	N/A	ND	ND	ND	0.014	ND	ND
	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	N/A	ND	ND	ND	0.0250	ND	ND
	Chlordane	14.6	ND	ND	ND	0.231	**19**	5.4
	Endrin	18.3	ND	ND	ND	0.009	ND	0.21
	Heptachlor	0.871	ND	ND	ND	ND	0.1	ND
	Heptachlor epoxide	0.052[d]	ND	ND	ND	ND	0.04	ND
Metals - EPA Method 6010	Aluminum	78,100	13,800	20,700	28,000	N/A	N/A	N/A
	Arsenic	3.59	3.0	2.7	2.5	N/A	N/A	N/A
	Barium	15,600	171	232	410	N/A	N/A	N/A
	Beryllium	156	0.7	0.9	1.0	N/A	N/A	N/A
	Cadmium	77.9	0.048	0.1	0.56	N/A	N/A	N/A
	Calcium	N/A	12,000	16,800	46,200	N/A	N/A	N/A
	Chromium	219	9.8	13.9	21.6	N/A	N/A	N/A
	Cobalt	23[c]	4.7	6.0	7.4	N/A	N/A	N/A
	Copper	3,130	7.3	9.4	16.3	N/A	N/A	N/A
	Iron	54,800	16,900	18,000	21,900	N/A	N/A	N/A
	Lead	400	8.0	10.1	34.4	N/A	N/A	N/A
	Magnesium	N/A	4,300	5,680	12,400	N/A	N/A	N/A
	Manganese	10,700	229	294	516	N/A	N/A	N/A
	Nickel	1,560	7.3	9.8	15.7	N/A	N/A	N/A
	Potassium	N/A	2,200	3,600	5,020	N/A	N/A	N/A
	Sodium	N/A	370	736	544	N/A	N/A	N/A
	Thallium	5.16	ND	ND	0.38	N/A	N/A	N/A
	Vanadium	391	20.9	25.4	33.7	N/A	N/A	N/A
	Zinc	23,500	37.6	45	99.8	N/A	N/A	N/A

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[c]	B537EX00101	B537EX00201	B537EX00302	B537EX00302	B537EX00401	B537EX00402
			10/08/03	10/08/03	10/08/03	10/08/03	10/08/03	10/14/2003
			1 foot bgs	1 foot bgs	2 feet bgs	2 feet bgs	1 foot bgs	2 feet bgs
PCBs - EPA Method 8082	Aroclor-1016	3.93	0.062	0.062	0.062	0.062	0.062	0.062
	Aroclor-1221	1.42	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667
	Aroclor-1232	1.42	0.092	0.092	0.092	0.092	0.092	0.092
	Aroclor-1242	1.70	0.097	0.097	0.097	0.097	0.097	0.097
	Aroclor-1248	1.70	0.069	0.069	0.069	0.069	0.069	0.069
	Aroclor-1254	1.12	0.072	0.072	0.072	0.072	0.072	0.072
	Aroclor-1260	1.70	0.0259 J	0.0364 J	0.0497	0.0693	1.69	0.042

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[c]	B537EX00501	B537EX00601	B537EX00703	B537EX00807	B537EX00902	B537EX01002
			10/08/03	10/08/03	10/09/03	10/09/03	10/09/03	10/09/03
			1 foot bgs	1 foot bgs	3 feet bgs	7 feet bgs	2 feet bgs	2 feet bgs
PCBs - EPA Method 8082	Aroclor-1016	3.93	0.062	0.062	0.062	0.062	0.062	0.062
	Aroclor-1221	1.42	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667
	Aroclor-1232	1.42	0.092	0.092	0.092	0.092	0.092	0.092
	Aroclor-1242	1.70	0.097	0.097	0.097	0.097	0.097	0.097
	Aroclor-1248	1.70	0.069	0.069	0.069	0.069	0.069	0.069
	Aroclor-1254	1.12	0.072	0.072	0.072	0.072	0.072	0.072
	Aroclor-1260	1.70	0.164	0.042	0.0911	0.155	0.0287	0.042

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[c]	B537EX01102	B537EX01202	B537EX01302	B537EX01302 DUP	B537EX01401	B537EX01501
			10/09/03	10/09/03	10/09/03	10/09/03	10/09/03	10/09/03
			2 feet bgs	2 feet bgs	2 feet bgs	2 feet bgs	1 foot bgs	1 foot bgs
PCBs - EPA Method 8082	Aroclor-1016	3.93	0.062	0.062	0.062	0.062	0.062	0.062
	Aroclor-1221	1.42	0.0667	0.0667	0.0667	0.0667	0.0667	0.0667
	Aroclor-1232	1.42	0.092	0.092	0.092	0.092	0.092	0.092
	Aroclor-1242	1.70	0.097	0.097	0.097	<0.097	0.097	0.097
	Aroclor-1248	1.70	0.069	0.069	0.069	<0.069	0.069	0.069
	Aroclor-1254	1.12	0.072	0.072	0.072	<0.072	0.072	0.072
	Aroclor-1260	1.70	0.0255	<0.042	0.214	0.257	<0.042	**2.58**

[a] Data referenced from ERM, 1997 and PRC, 2004
[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented, where available.
[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.
[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.
Positive detections of organic compounds are shaded.
bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate NC – non carcinogen C – carcinogen
Sat – soil saturation J – Estimated value below RL

Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (3 of 6)
(concentrations in mg/kg)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[c]	B537EX01502	B537EX01601	B537EX01702
			10/14/03	10/09/03	10/14/03
			2 feet bgs	1 foot bgs	2 feet bgs
PCBs - EPA Method 8082	Aroclor-1016	3.93	0.062	0.062	0.062
	Aroclor-1221	1.42	0.0667	0.0667	0.0667
	Aroclor-1232	1.42	0.092	0.092	0.092
	Aroclor-1242	1.70	0.097	0.097	0.097
	Aroclor-1248	1.70	0.069	0.069	0.069
	Aroclor-1254	1.12	0.072	0.072	0.072

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	PSBSE01	Equipment Blank PSBSW01
				01/20/93	01/20/94
					µg/L
Pesticides - EPA Method 8081	Dieldrin	0.0016	0.245	0.137	ND
	Endrin	0.0065	18.3	0.28	ND
	Heptachlor epoxide	0.0013	0.052[d]	**0.636**	ND
	Lindane	0.001 - 0.0025	4.64	0.00700	0.0615
	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	0.0027 - 0.0081	1.40[d]	**38**	0.7
	2,2-Bis(p-chlorophenyl)-1,1-dichloroethene	0.0027 - 0.0039	N/A	19	0.524
	2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	0.0035 - 0.0025	N/A	0.0195	1.0
	a-BHC (HCH)	0.0025	0.622	ND	0.00351
	d-BHC (HCH)	0.0034	N/A	ND	0.00584

Sample Identification	Sample Date	Sample Depth (feet)	Compound	Concentration	NMED Residential Soil SSL[c]
537-FS19-00	10/24/2000	0	Chlordane	0.0125	14.6
537-FS33-00	10/23/2000	0	Chlordane	**29.4**	14.6
537-FS33-01	10/23/2000	1	Chlordane	3.21	14.6
537-FS33-02	10/23/2000	2	Chlordane	0.599	14.6
537-FS33-03	10/23/2000	3	Chlordane	0.00915	14.6
537-FS36-00	10/23/2000	0	Chlordane	1.5	14.6
537-FS36-01	10/23/2000	1	4,4-DDE	0.0084	11.5[d]
			Chlordane	0.475	14.60
			Heptachlor expoxide	0.0072	0.052[d]
537-FS36-02	10/23/2000	2	Chlordane	0.0279	14.6
537-FS37-00	10/23/2000	0	Chlordane	0.545	14.6
537-FS37-01	10/23/2000	1	Chlordane	0.0475	14.6
537-FS41-00	10/24/2000	0	Chlordane	0.0185	14.6
537-FS43-00	10/23/2000	0	Chlordane	11.4	14.6
537-FS45-00	10/24/2000	0	Chlordane	**82.2**	14.6
537-FS45-01	10/24/2000	1	Chlordane	0.0782	14.6

[a] Data referenced from ERM, 1997 and PRC, 2004
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[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.
[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.
Positive detections of organic compounds are shaded.
bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate
NC – non carcinogen C – carcinogen Sat – soil saturation J – Estimated value below RL

Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (4 of 6)
(concentrations in mg/kg)

Site ID	Date	Depth (feet bgs)	Aroclor-1260 Concentration Exceed 1 mg/kg	NMED Residential Soil SSL[c]
B537TK003	6/18/2003	Surface	**Yes**	1.70
B537TK00301	6/19/2003	1.0	**Yes**	1.70
B537TK004	6/18/2003	Surface	**Yes**	1.70
B537TK006	6/18/2003	Surface	**Yes**	1.70
B537TK007	6/18/2003	Surface	**Yes**	1.70
B537TK008	6/18/2003	Surface	**Yes**	1.70
B537TK00801	6/19/2003	1.0	**Yes**	1.70
B537TK009	6/18/2003	Surface	**Yes**	1.70
B537TK011	6/18/2003	Surface	**Yes**	1.70
B537TK01101	6/19/2003	1.0	**Yes**	1.70
B537TK01102	6/20/2003	2.0	**Yes**	1.70
B537TK012	6/18/2003	Surface	**Yes**	1.70
B537TK01201	6/19/2003	1.0	**Yes**	1.70
B537TK01202	6/20/2003	2.0	**Yes**	1.70
B537TK01203	6/20/2003	3.0	**Yes**	1.70
B537TK01204	6/20/2003	4.0	**Yes**	1.70
B537TK01205	6/20/2003	5.0	**Yes**	1.70
B537TK01206	6/20/2003	6.0	**Yes**	1.70
B537TK013	6/18/2003	Surface	**Yes**	1.70
B537TK01301	6/19/2003	1.0	**Yes**	1.70
B537TK014	6/18/2003	Surface	**Yes**	1.70
B537TK01401	6/19/2003	1.0	**Yes**	1.70
B537TK01402	6/20/2003	2.0	**Yes**	1.70
B537TK020	6/18/2003	Surface	**Yes**	1.70
B537TK02001	6/19/2003	1.0	**Yes**	1.70
B537TK021	6/18/2003	Surface	**Yes**	1.70
B537TK02101	6/19/2003	1.0	**Yes**	1.70
B537TK02102	6/20/2003	2.0	**Yes**	1.70
B537TK02103	6/20/2003	3.0	**Yes**	1.70
B537TK022	6/18/2003	Surface	**Yes**	1.70
B537TK02201	6/18/2003	1.0	**Yes**	1.70
B537TK02202	6/19/2003	2.0	**Yes**	1.70
B537TK024	6/18/2003	Surface	**Yes**	1.70
B537TK028	6/18/2003	Surface	**Yes**	1.70
B537TK02801	6/19/2003	1.0	**Yes**	1.70
B537TK029	6/18/2003	Surface	**Yes**	1.70
B537TK02901	6/19/2003	1.0	**Yes**	1.70
B537TK02902	6/20/2003	2.0	**Yes**	1.70
B537TK02903	6/20/2003	3.0	**Yes**	1.70
B537TK02904	6/20/2003	4.0	**Yes**	1.70
B537TK030	6/18/2003	Surface	**Yes**	1.70
B537TK03001	6/19/2003	1.0	**Yes**	1.70
B537TK031	6/18/2003	Surface	**Yes**	1.70
B537TK034	6/18/2003	Surface	**Yes**	1.70
B537TK035	6/18/2003	Surface	**Yes**	1.70
B537TK036	6/18/2003	Surface	**Yes**	1.70
B537TK037	6/18/2003	Surface	**Yes**	1.70
B537TK038	6/18/2003	Surface	**Yes**	1.70
B537TK040	6/18/2003	Surface	**Yes**	1.70
B537TK046	6/18/2003	Surface	**Yes**	1.70

[a] Data referenced from ERM, 1997 and PRC, 2004
[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented,
[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations
[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.
Positive detections of organic compounds are shaded.
bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate
NC – non carcinogen C – carcinogen Sat – soil saturation J – Estimated value below RL

Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (5 of 6)
(concentrations in mg/kg)

Site ID	Date	Depth (feet bgs)	Aroclor-1260 Concentration Exceed 1 mg/kg	NMED Residential Soil SSL[c]
B537TK050	6/18/2003	Surface	**Yes**	1.70
B537TK059	6/18/2003	Surface	**Yes**	1.70
B537TK061	6/18/2003	Surface	**Yes**	1.70
B537TK064	6/19/2003	Surface	**Yes**	1.70
B537TK06401	6/20/2003	1.0	**Yes**	1.70
B537TK066	6/19/2003	Surface	**Yes**	1.70
B537TK067	6/19/2003	Surface	**Yes**	1.70
B537TK068	6/19/2003	Surface	**Yes**	1.70
B537TK072	6/19/2003	Surface	**Yes**	1.70
B537TK076	6/19/2003	Surface	**Yes**	1.70
B537TK07601	6/20/2003	1.0	**Yes**	1.70
B537TK077	6/19/2003	Surface	**Yes**	1.70
B537TK080	6/19/2003	Surface	**Yes**	1.70
B537TK081	6/19/2003	Surface	**Yes**	1.70
B537TK085	6/19/2003	Surface	**Yes**	1.70
B537TK115	6/20/2003	Surface	**Yes**	1.70
B537TKVB	6/20/2003	Surface	**Yes**	1.70
FS-03	0.0	3	No	14.6
FS-04	0.0	**70**	No	14.6
FS-06	0.0	**43**	No	14.6
FS-07	0.0	**145**	No	14.6
FS-08	0.0	**19**	Yes	14.6
FS-09	0.0	6	Yes	14.6
FS-10	0.0	12	No	14.6
FS-11	0.0	**31**	No	14.6
FS-17	0.0	14	Yes	14.6
FS-18	0.0	**17**	No	14.6
FS-19	0.0	11	Yes	14.6
FS-20	0.0	13	No	14.6
FS-21	0.0	**20**	No	14.6
FS-22	0.0	**294**	No	14.6
FS-23	0.0	8	No	14.6
FS-24	0.0	10	No	14.6
FS-25	0.0	5	No	14.6
FS-26	0.0	14	No	14.6
FS-27	0.0	10	No	14.6
FS-28	0.0	**17**	No	14.6
FS-29	0.0	14	No	14.6
FS-30	0.0	**20**	No	14.6
FS-31	0.0	**18**	No	14.6

[a] Data referenced from ERM, 1997 and PRC, 2004

[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented, where available.

[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate
NC – non carcinogen C – carcinogen Sat – soil saturation J – Estimated value below RL

Table 6-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 8, Building 537[a] Fort Wingate Depot Activity (6 of 6)
(concentrations in mg/kg)

Sample Identification	Sample Depth (feet bgs)	Chlordane Screening Result (µg/kg)	Confirm Sample Analyzed	NMED Residential Soil SSL (mg/kg)[c]
FS-32	0.0	**20**	No	14.6
FS-33	0.0	**964**	Yes	14.6
FS-33	1.0	**600**	Yes	14.6
FS-33	2.0	**305**	Yes	14.6
FS-34	0.0	**81**	No	14.6
FS-35	0.0	**85**	No	14.6
FS-36	0.0	**691**	Yes	14.6
FS-36	1.0	**316**	Yes	14.6
FS-36	4.0	**19**	No	14.6
FS-37	0.0	**812**	Yes	14.6
FS-37	1.0	**65**	Yes	14.6
FS-38	0.0	**96**	No	14.6
FS-39	0.0	2	No	14.6
FS-40	0.0	**24**	No	14.6
FS-43	0.0	**762**	Yes	14.6
FS-44	0.0	**249**	No	14.6
FS-45	0.0	**895**	Yes	14.6
FS-46	0.0	6	No	14.6

[a] Data referenced from ERM, 1997 and PRC, 2004

[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented, where available.

[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[d] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate
NC – non carcinogen C – carcinogen Sat – soil saturation J – Estimated value below RL

Table 6-2 Proposed RCRA Facility Investigation Sampling and Analyses at SWMU 8, Fort Wingate Depot Activity (1 of 2)

Method					Pesticides	PCBs	VOCs	SVOCs	TPH-ORO	Explosives	Perchlorate	Metals
					8081A	8082	8260B	8270C	8015B	8330B	6850	SW6010B and SW7471A
Specific Analyses Requested					Pesticides	Polychlorinated biphenyls	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Oil Range Organics	Explosives	Perchlorate	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment								
0608-SS01-D-0001	SB01	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SS01-D-0001 MS/MSD	SB01	0-1	Discrete	MS/MSD	X	X	X	X	X	X	X	X
0608-SS01-D-0001-DUP	SB01	0-1	Discrete Dup		X	X	X	X	X	X	X	X
0608-SB01-D-0405	SB01	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SB01-D-6465	SB01	64-65	Discrete		X	X	X	X	X	X	X	X
0608-SS02-D-0001	SB02	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB02-D-0405	SB02	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS03-D-0001	SB03	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB03-D-0405	SB03	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS04-D-0001	SB04	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB04-D-0405	SB04	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS05-D-0001	SB05	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB05-D-0001-DUP	SB05	0-1	Discrete Dup		X	X	X	X	X	X	X	X
0608-SB05-D-0405	SB05	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SB05-D-6465	SB05	64-65	Discrete		X	X	X	X	X	X	X	X
0608-SS06-D-0001	SB06	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB06-D-0405	SB06	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS07-D-0001	SB07	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB07-D-0405	SB07	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS08-D-0001	SB08	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB08-D-0001-DUP	SB08	0-1	Discrete Dup		X	X	X	X	X	X	X	X
0608-SB08-D-0405	SB08	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS09-D-0001	SB09	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB09-D-0405	SB09	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS10-D-0001	SB10	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SS10-D-0001 MS/MSD	SB10	0-1	Discrete	MS/MSD	X	X	X	X	X	X	X	X
0608-SB10-D-0405	SB10	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS11-D-0001	SB11	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB11-D-0405	SB11	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS12-D-0001	SB12	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SS12-D-0001 MS/MSD	SB12	0-1	Discrete	MS/MSD	X	X	X	X	X	X	X	X
0608-SB12-D-0405	SB12	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SS13-D-0001	SB13	0-1	Discrete		X	X	X	X	X	X	X	X
0608-SB13-D-0405	SB13	4-5	Discrete		X	X	X	X	X	X	X	X

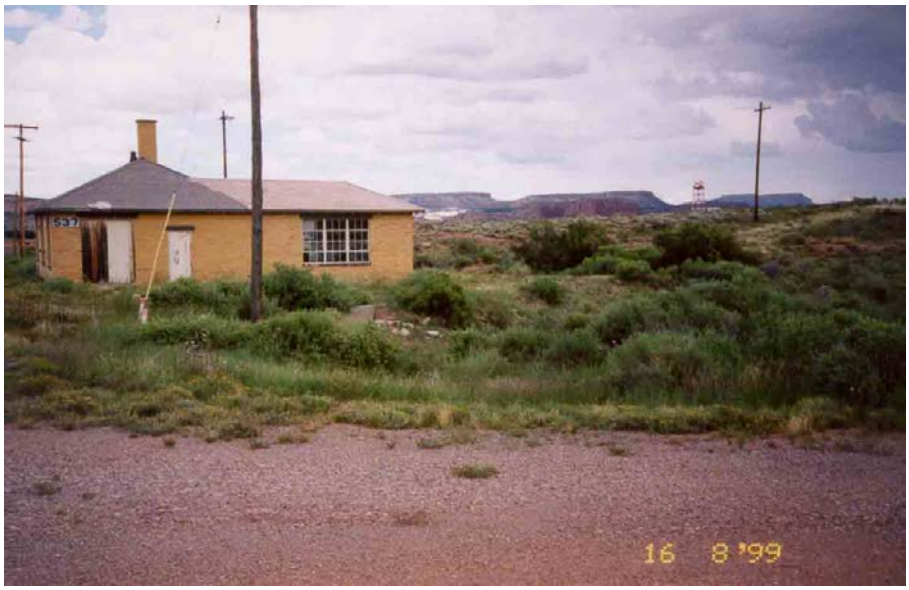
Table 6-2 Proposed RCRA Facility Investigation Sampling and Analyses at SWMU 8, Fort Wingate Depot Activity (2 of 2)

					Pesticides	PCBs	VOCs	SVOCs	TPH-ORO	Explosives	Perchlorate	Metals
Method					8081A	8082	8260B	8270C	8015B	8330B	6850	SW6010B and SW7471A
Specific Analyses Requested					Pesticides	Polychlorinated biphenyls	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Oil Range Organics	Explosives	Perchlorate	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment								
0608-SB14-D-0405	SB14	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-1415	SB14	14-15	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-2425	SB14	24-25	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-3435	SB14	34-35	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-4445	SB14	44-45	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-5455	SB14	54-55	Discrete		X	X	X	X	X	X	X	X
0608-SB14-D-6465	SB14	64-65	Discrete		X	X	X	X	X	X	X	X
0608-SB15-D-0405	SB15	4-5	Discrete		X	X	X	X	X	X	X	X
0608-SB15-D-0405-DUP	SB15	4-5	Discrete Dup		X	X	X	X	X	X	X	X
0608-SB15-D-0910	SB15	9-10	Discrete		X	X	X	X	X	X	X	X
0608-SB15-D-1920	SB15	19-20	Discrete		X	X	X	X	X	X	X	X
0608-SB15-D-6465	SB15	64-65	Discrete		X	X	X	X	X	X	X	X
0608-TB01-D	SWMU 8	N/A	Discrete	Trip Blank			X					
0608-EB01-D	SWMU 8	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
0608-TB02-D	SWMU 8	N/A	Discrete	Trip Blank			X					
0608-EB02-D	SWMU 8	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
				Total Normal Samples	39	39	39	39	39	39	39	39
				Total Duplicates	4	4	4	4	4	4	4	4
				Total Equipment Blanks (Rinsate water sample)	2	2	2	2	2	2	2	2
				Total Trip Blanks	0	0	2	0	0	0	0	0
				Total MS/MSD Samples (lab counts each separately)	3	3	3	3	3	3	3	3
				Total Soil Samples	49	49	49	49	49	49	49	49
				Total Water Samples	2	2	4	2	2	2	2	2
				Total Analyses	51	51	53	51	51	48	48	51

Notes

bgs = below ground surface
Discrete = discrete location sample
Dup = duplicate sample
Lab QC = Matrix spike/matrix spike duplicate sample set which will be **triple the normal sample volume**
MS/MSD = matrix spike/matrix spike duplicate

Photograph 6-1 Building 537, facing south, Fort Wingate Depot Activity



Photograph 6-2 Building 537, facing north, Fort Wingate Depot Activity

Photograph 6-3 Building 537, facing west, Fort Wingate Depot Activity

Photograph 6-4 Building 537 pesticide storage, Fort Wingate Depot Activity

Photograph 6-5 Area west of Building 537, facing south, Fort Wingate Depot Activity

Photograph 6-6 Building 537 excavation area in 2004, facing west, Fort Wingate Depot Activity

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7.0 SWMU 11: Buildings 541 and 542

7.1 Background

7.1.1 Location, Description, and Operational History

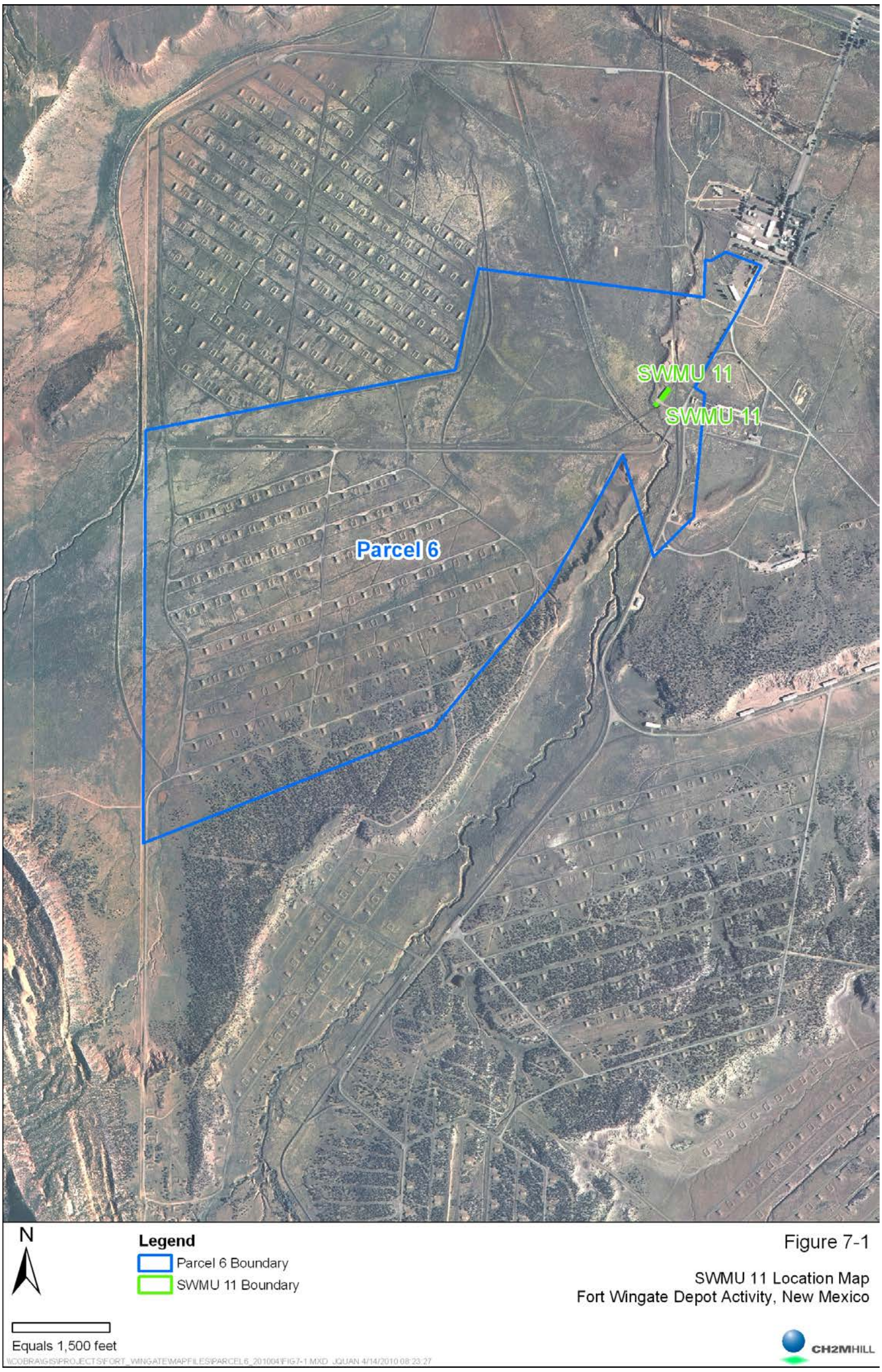
Buildings 541 and 542 are located in the far western portion of the Workshop Area (previously shown in Figure 3-4 and as shown in Figure 7-1). Photographs 7-1 through 7-6, which are provided at the end of this section, show various views of Building 541 and 542. SWMU 11 has been previously listed as combined SWMU 13F (Building 542) and SWMU 47 (Building 541). Building 542 (formerly designated as Building 19) is a former ammunition packing, shipping, and receiving building. Building 542 was constructed in 1942 and is an approximately 7,600-square-foot brick structure with a reinforced concrete floor. Loading docks are present on both sides of the building and each are approximately 10 feet wide and 181 feet long. A railroad spur is located adjacent to the east loading dock. A bermed blast shield structure is located north of Building 542.

Records regarding building operations indicate that over time a variety of ammunition maintenance, modification, and demilitarization operations were performed at Building 542 (PMC, 2002). Building 542 had, at various times during its operation, discharged waste water to a cesspool, a septic tank and drain field, and, in later years, to the sanitary sewer system. A former employee indicated that munitions had been steamed and/or washed on the loading dock and that the water was allowed to spill onto the dock in an area that is still stained (PMC, 2002). Building 542 has been recently used by TPL, Inc., for ammunition component recovery and recycling purposes. TPL has also recently operated a cyclotetramethylene-tetranitramine (HMX) recovery system in Building 542 (PMC, 2002). A metal building has been installed off the north corner of Building 542 to support the contractor's operations.

Building 541 was also constructed in 1942 and is a 600-square-foot brick structure with a reinforced concrete floor. Building 541 is listed as a heating plant that contained a boiler system that provided heat for Building 542. The abandoned boiler equipment is still present in Building 541. There were no other listed or apparent operations associated with Building 541. There is a sump in the east corner of Building 541 with a piping run exiting the sump to the north through the building foundation. The piping appears to be the boiler heating lines running to Building 542.

7.1.2 Surface Conditions

The SWMU 11 area is generally flat. From the edge of the asphalt parking/loading area on the western side of Building 542 the land surface slopes away to the west to an undeveloped field. The land to the east of Building 542 along the eastern loading dock and railroad siding also is generally flat. The parking/loading area between Buildings 542 and 541, which is located to the south, is generally flat as well. The ground surface to the north of Building 542 slopes upward to a hill that overlooks the building. The areas immediately surrounding Building 542 are paved on the western and southern sides and unpaved on the eastern side. The vegetation cover outside the parking/loading areas consists mostly of grass and sagebrush.



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7.1.3 Subsurface Conditions

7.1.3.1 Existing Subsurface Infrastructure

Subsurface infrastructure present includes the drain lines in Building 542 and the connections to the discharge lines that connected to the cesspool, septic system, and sanitary sewer. The schematic for the building and the location of the associated interior floor drains are shown in Figure 7-2~~1~~. The septic system is located southwest of Building 541 and is comprised of a concrete septic tank and the associated drain field that has a 100-foot-long pipe that exits the septic tank with four clay drain pipe laterals, each roughly 200 feet long, that extend to the northwest.

7.1.3.2 Other Subsurface Conditions

The Buildings 541 and 542 are slab on-grade structures so there are no other subsurface structures aside from utilities associated with the building. Sampling that has been conducted at the site confirms that the site is underlain by unconsolidated alluvium to depths of at least 20 feet bgs. Depth to the first water-bearing zone water table is approximately 62 feet bgs in the general area based on installed groundwater monitoring wells. Depth to the second water-bearing zone in the general area based on installed groundwater wells is between 70 and 118 feet bgs.

7.1.4 Waste Characteristics and Contaminants of Potential Concern

Based on the explosives handling operational history at Building 542, the primary COPCs at this site are explosives. The boiler operations in Building 541 do not suggest hazardous materials or waste that would contain COPCs were specifically handled or otherwise stored in that building. Metals, VOCs, and SVOCs have also been detected during previous investigations at SWMU 11 and are therefore COPCs.

7.2 Previous Investigations

7.2.1 Nonsampling Data

Previous nonsampling data includes aerial imagery from 1935, 1948, 1952, 1958, 1962, 1966, 1973, 1978, 1985, 1991, 1993, and 1997. Buildings 541 and 542 are first visible in the 1948 aerial photo and persist in all subsequent years' photos.

Beginning with the 1948 photo and continuing through the 1973 photo, the aerial imagery interpretation describes various features as structures, fill areas, excavations, and bermed areas north of Building 542. In association with its original construction, a bermed blast shield was constructed on the north side of Building 542 because of the explosives handling operations within the building. The land surface north of Building 542 slopes upward to form the bermed backside of the blast shield north of Building 542. A dirt road curves up and around the higher ground. Currently there are no excavated areas or depressions located north of Building 542 nor are there records to indicate historic operations of that sort in this area. It is possible that the aerial photo interpretation inaccurately identified the construction scars associated with original construction of the blast shield as excavations or fill areas and carried that same interpretation through subsequent years' photos. Furthermore, the aerial photo interpretation may have incorrectly interpreted the sloped sides of the topographically higher area north of Building 542 as berms seemingly surrounding a depression.

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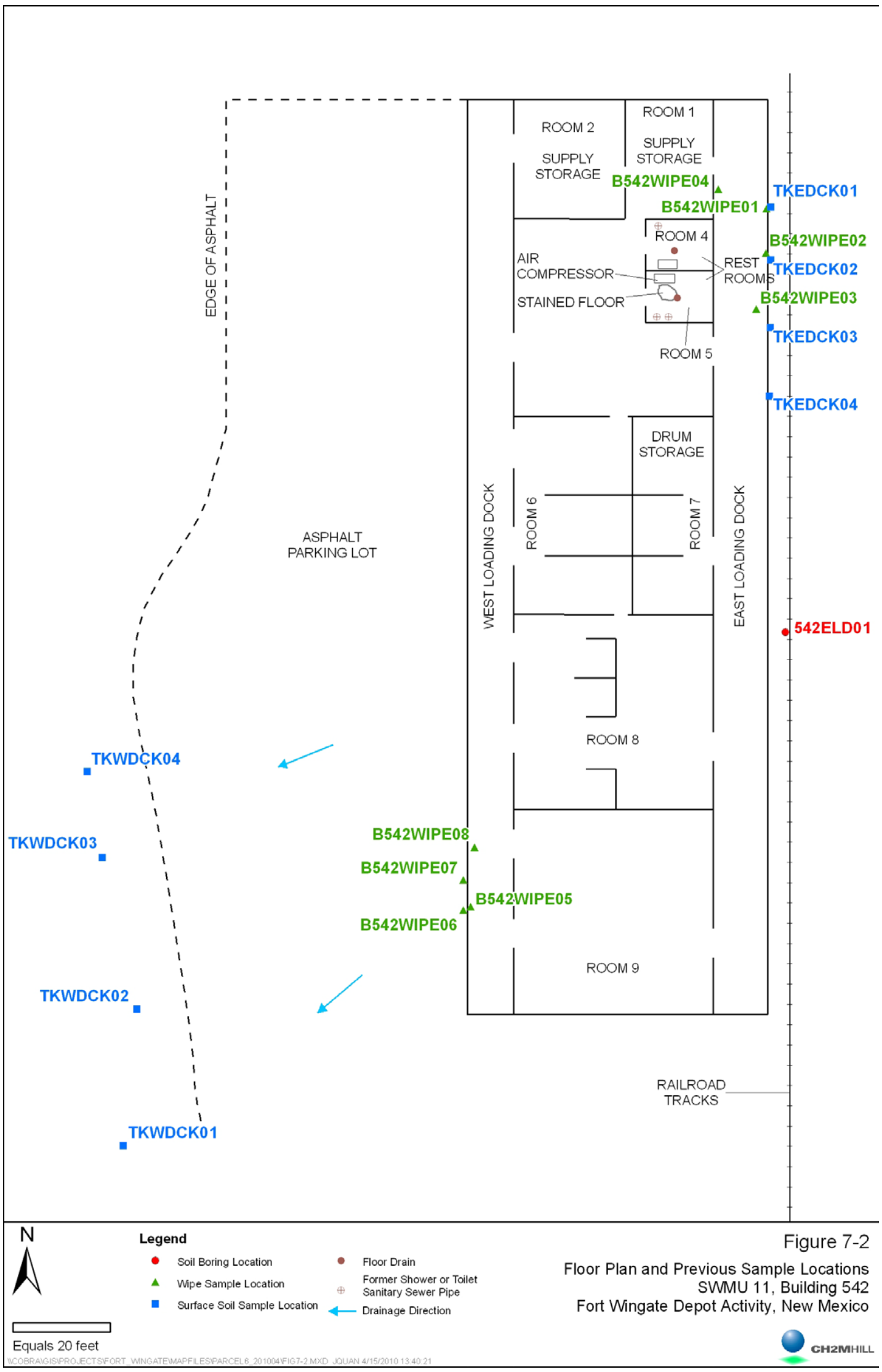

Figure 7-2

Floor Plan and Previous Sample Locations
SWMU 11, Building 542
Fort Wingate Depot Activity, New Mexico

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Site reconnaissance conducted as part of the Phase I RFI confirmed the presence of the various interior floor drains, as depicted in Figure 7-~~1~~2. Visual inspection inside Building 542 indicated visible staining in one of the rooms in the vicinity of a floor drain and air compressor. Exterior inspection of the loading docks also indicated staining; however, the source of the staining was not obvious. The location of the cesspool, the arroyo outfall, and the septic tank that had served Building 542 were all verified and the structures were still intact.

Other nonsampling data includes historical drawings and maps available for Buildings 541 and 542.

7.2.2 Sampling Data

Previous investigative activities were performed at SWMU 11 as part of a Phase 1 RFI conducted in 2000 and 2001. The RFI activities at Building 542 focused on investigating the discharge points associated with the various drain lines from the building, as well as evaluation on and around the building loading docks. This investigation was conducted to determine if there had been releases to the environment from housekeeping practices. Sampling locations for the Phase 1 RFI are shown in Figures 7-2~~1~~ and 7-23~~.~~ The location of the groundwater monitoring wells is shown in Figure 7-4~~3~~.

Soil Data

Four wipe samples were collected from stained or discolored areas on the east loading dock and were analyzed for explosives. One explosive, HMX, was detected in one sample. Four surface soil samples were collected adjacent to the stained areas observed on the east loading dock and were tested for TNT and RDX using immunoassay test kits. No explosives were detected in the soil samples. To further investigate this area, a single soil boring was advanced adjacent to the east loading dock to a depth of 10 feet using hollow stem auger (HSA) drilling. Samples were collected from 3- to 5-feet bgs and 10- to 12-feet bgs. The samples were analyzed for explosives, TAL metals, TCL VOCs, and TCL SVOCs. Two explosives, HMX and RDX, were detected at low concentrations in the soil samples. Additionally, the VOC toluene was detected at qualified concentrations, and between 11 and 18 SVOCs were detected at low or qualified concentrations. Numerous metals were also positively detected, generally at low or qualified concentrations. The analytical data for those positively detected compounds are presented in Table 7-1 (provided at the end of this section). All detected concentrations were below applicable NMED or EPA residential SSL, with the exception of two detected SVOCs. In the 10- to 12-feet bgs sample the compounds benzo(a)anthracene (8.53 mg/kg) and benzo(a)pyrene (2.5 mg/kg) were both detected at concentrations above their NMED residential SSL of ~~6.21~~4.81 mg/kg and 0.~~621~~ 481 mg/kg, respectively.

Four wipe samples were collected from the west loading dock. One explosive, HMX, was detected in two of the samples. Four surface soil samples were collected near the western loading dock, adjacent to the western edge of the pavement near the dock at topographically low areas. These samples were tested for TNT and RDX using immunoassay test kits. No explosives were detected at this location.

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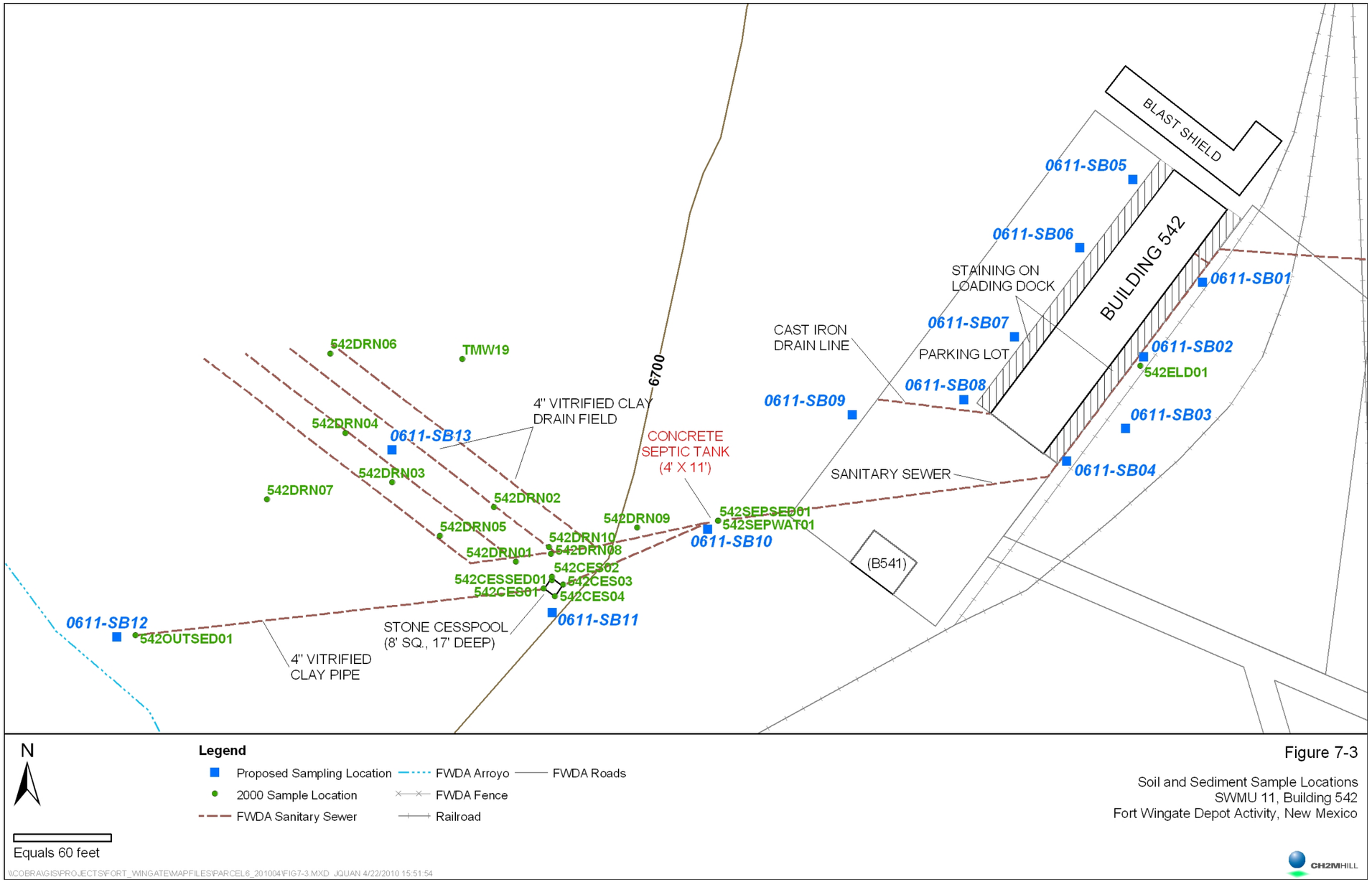

Figure 7-3

Soil and Sediment Sample Locations
SWMU 11, Building 542
Fort Wingate Depot Activity, New Mexico

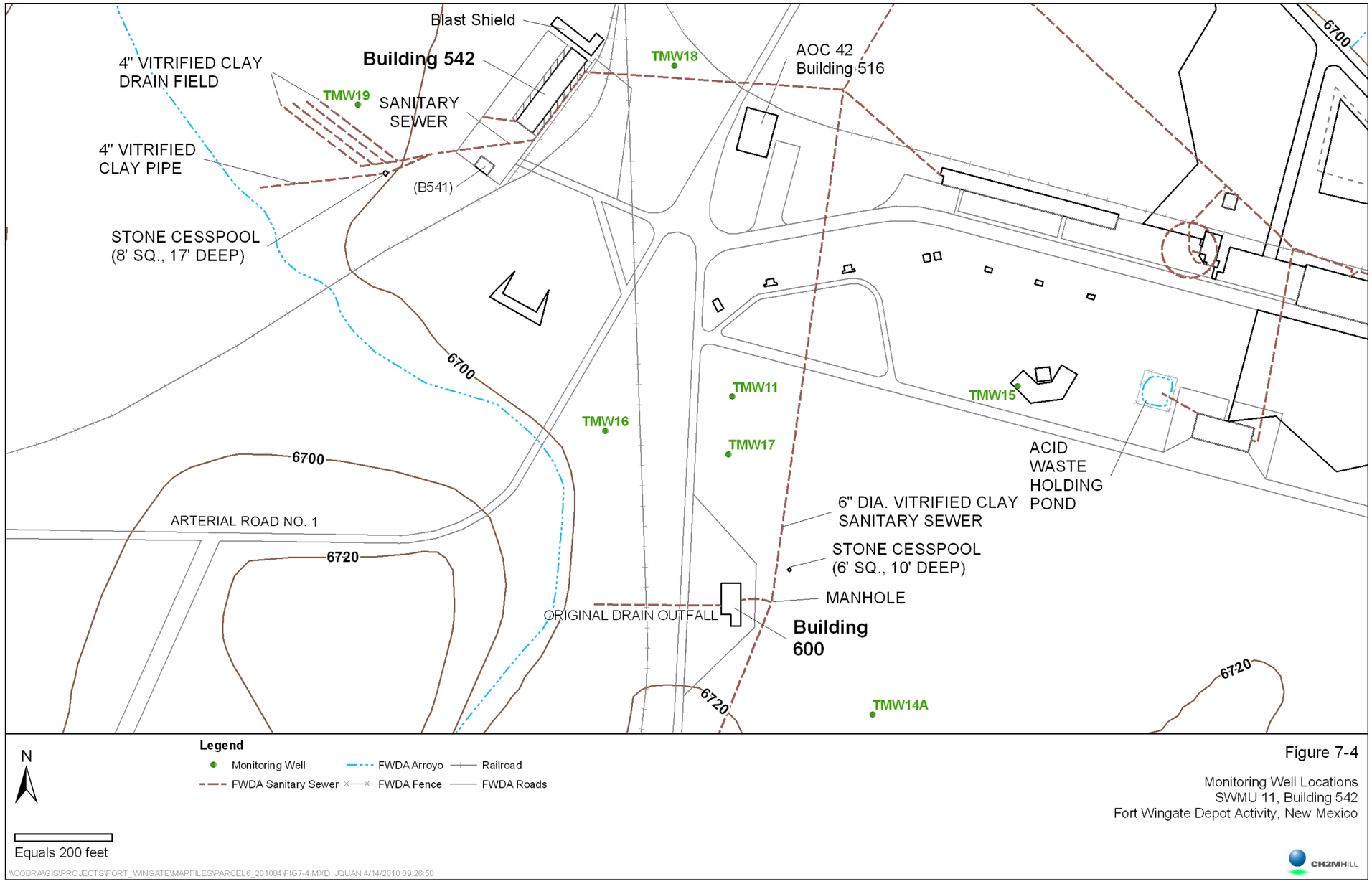

Figure 7-4

Monitoring Well Locations
SWMU 11, Building 542
Fort Wingate Depot Activity, New Mexico

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To investigate the building's cesspool, four soil borings were advanced adjacent to the cesspool with HSA drilling. The borings were advanced to a depth of 20 feet bgs, which was three feet below what was indicated to be the bottom of the cesspool based on original drawings. During the site reconnaissance, the cesspool was measured to be roughly 7 feet deep. Soil samples from each boring were collected from 4 to 6 feet bgs and 18 to 20 feet bgs and were analyzed for explosives, TAL metals, TCL VOCs, and TCL SVOCs. The VOCs acetone and toluene and the SVOC bis (2-ethylhexyl) phthalate were detected at qualified concentrations. Several metals were detected at generally low or qualified concentrations. The analytical data for those positively detected compounds are presented in Table 7-1 (provided at the end of this section). All detected concentrations were below applicable NMED or EPA residential SSLs.

One sediment sample was collected from inside the cesspool and analyzed for explosives, TAL metals, TCL VOCs and TCL SVOCs. This sample contained the VOC methylene chloride and eight SVOCs at qualified concentrations, as well as several metals at generally low or qualified concentrations. No explosive compounds were detected in the sample. The analytical data for those positively detected compounds are presented in Table 7-1. All detected concentrations were below the applicable NMED or EPA residential SSLs. At the conclusion of the sampling, the cesspool was abandoned in place.

One surface soil sample was collected immediately downslope from the location of the cesspool outfall and analyzed for explosives, TAL metals, TCL VOCs, and TCL SVOCs. The VOC methylene chloride and several metals were detected at generally low or qualified concentrations. No explosive compounds were detected in the sample. The analytical data for those positively detected compounds are presented in Table 7-1. All detected concentrations were below applicable NMED or EPA residential SSLs.

One sediment sample from inside of the septic tank was collected and analyzed for explosives, TAL metals, TCL VOCs, and TCL SVOCs. The analytical data for those positively detected compounds are presented in Table 7-1 (provided at the end of this section). The VOC carbon disulfide and 14 SVOCs were detected at qualified concentrations, as well as several metals were detected in this sample. Lead was detected at a concentration of 98.7 µg/g. Because of the high concentration, a second sample was collected for toxicity characteristic leaching procedure (TCLP) lead to determine if the sediment would be classified as hazardous waste. The TCLP sample result was considered nondetectable with a method detection level of 0.5 mg/L; therefore, the sediment was not considered hazardous. All positively detected compounds from the septic tank sediment sample were below applicable NMED or EPA residential SSLs, with the exception of arsenic. The detected arsenic concentration in the sediment was 8.32 mg/kg, which is above the NMED residential soil SSL of 3.59~~2~~ mg/kg. Water from the septic tank was sampled and analyzed for explosives, RCRA metals, VOCs, and SVOCs. The water was also found to not be considered a hazardous material. The water and sediments in the septic tank were removed by vacuum truck and the septic tank was abandoned in place as part of the Phase 1 RFI activities.

Ten soil borings were advanced using HSA drilling to a depth of 10 feet bgs within and adjacent to the septic tank drain field. Soil samples were collected from each boring at depths of 4 to 6 feet bgs and 8 to 10 feet bgs. The samples were analyzed for explosives, TAL metals, TCL VOCs, and TCL SVOCs. The VOC toluene and the SVOC bis (2-ethylhexyl) phthalate were detected at qualified concentrations. Several metals were also detected in these soil samples, generally at low or qualified concentrations. The analytical data for those positively detected compounds are presented in Table 7-1 (provided at the end of this section). All detected concentrations were below applicable NMED or EPA residential SSLs.

Groundwater Data

The Phase 1 RFI also included a groundwater investigation to further assess explosives concentrations that had been detected in previously installed groundwater monitoring well TMW-11. Although well TMW-11 is located approximately 600 feet southeast of Building 542, in the upgradient direction, it was still evaluated as a potential source because of the explosives handling operations that had been conducted at the site. The objective of the groundwater investigation was to evaluate whether Building 542 or nearby Building 600, which is SWMU 4, could be the source or sources of the explosives detected in groundwater at well TMW-11.

The groundwater investigation included the installation of six additional monitoring wells: four wells screened within the first water-bearing zone and two screened within the second water-bearing zone. The wells were located throughout the western side of the FWDA Workshop area in the general area between and around Buildings 600 and 542.

Two rounds of groundwater samples were collected from the Phase 1 RFI monitoring wells in 2001. Positively detected concentrations are presented in Table 7-2 (provided at the end of this section). Analytical data indicated low levels of explosives (RDX, 2,4-dinitrotoluene, 2,6-dinitrotoluene, and nitrobenzene) in five of the six new wells and also in well TMW-11 where explosives were originally detected. All concentrations were estimated values less than 1 µg/L. There are no applicable New Mexico WQCC standards or EPA MCL for these compounds. The analytical results from those new wells installed in proximity to Building 542, TMW-18 and TMW-19, contained 2,4-dinitrotoluene and nitrobenzene at similar estimated concentrations as detected in the other Phase 1 RFI wells.

Nitrate was also detected in two wells, TMW-11 and TMW-15, although concentrations were substantially below the New Mexico WQCC and EPA MCL of 10 mg/L. As would be expected, TAL metals were detected in all samples although concentrations were all well below applicable New Mexico WQCC or EPA MCL standards. Fluoride was detected in three wells: TMW-11, TMW-14A, and TMW-17. The fluoride concentrations detected during the April 2001 sampling event in wells TMW-11 and TMW-17 (1.8 mg/L and 1.9 mg/L, respectively) slightly exceed the New Mexico WQCC standard of 1.6 mg/L for fluoride, but are below the EPA MCL of 4 mg/L.

Asbestos

Additional investigation activities include the asbestos survey completed at this site (Pickering Environmental, 1990). Results indicated that ACM was present on approximately 35 linear feet of insulated pipe and 48 square feet of boiler head insulation at Building 541. Results indicated that ACM was present in approximately 400 square feet of floor tile at Building 542. ACM was abated in 1999 (USACE, 2000).

7.2.3 Conceptual Model

7.2.3.1 Nature and Extent of Contamination

The different phases of soil sampling across the site have not fully delineated the degree and extent of soil contamination. Based on review of the operational history of SWMU 11, visual inspection of the site, and evaluation of available analytical data, it appears that limited releases of explosives and SVOCs and possibly VOCs to the environment are present at this site. Releases appear related to discharges from the building drain lines to the site's former cesspool and septic system areas, and general housekeeping practices in the areas of the building's loading docks.

The nature and extent of potential soil contamination associated with the building's cesspool, septic system drain field, and arroyo discharge point on the west side of the building have been well characterized. Detected compounds do not exceed applicable screening levels, indicating that these

areas present an acceptable level of risk to human health or the environment. However, discharges from the Building 600 doorways have not been evaluated.

The sediments within the Building 542 septic tank were sampled and soil borings were advanced in the drain field and the analytical data from these samples indicated no COPCs in excess of applicable screening levels. However, sampling of the soil matrix surrounding the former septic tank has not been conducted. Therefore, the nature and extent of potential releases that may have occurred to the soil from connections between the tank and drain lines or from possible leaks or overflows from the tank itself have not been evaluated.

Positive detections of explosives and SVOCs adjacent to the loading docks of Building 542 indicate that housekeeping practices in these areas likely released COPCs to the environment. The full nature and extent of those potential releases has not been determined.

Potential releases to the environment from Building 541, located south of Building 542, have not been evaluated.

Finally, the Phase 1 RFI activities conducted in 2001 to evaluate the source of explosives detected in groundwater at well TMW-11 indicated that low concentrations of explosives are found in the second sandstone water bearing zone throughout the western Workshop Area including the southeast portion of Parcel 6. Although explosives were detected in the two new Phase 1 RFI groundwater monitoring wells installed near Building 542, the detected concentrations were very similar to other low level detections that appear pervasive throughout the western Workshop area, including in areas upgradient of Building 542. Delineation of the nature and extent of the soil impacts at SWMU 11 will allow further evaluation of whether this site is a potential source of groundwater impacts. However, available data do not indicate that high levels of explosives are present in the soils at the site. Therefore, the lack of substantial soil impacts and consideration of the pervasive explosives concentrations in the area groundwater, including in the upgradient direction, suggest that releases from Building 542 have not impacted groundwater.

7.2.3.2 Fate and Transport

If contamination is present at SWMU 11, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

7.2.3.3 Data Gaps

The data gaps include horizontal and vertical delineation of detected COPCs on the east side of Building 542 and evaluation of potential releases to soil on the western side of Building 542. Additionally, to compile a full data set to support NFA, final evaluation needs to be done to determine if releases to the environment occurred from the Building 542 septic tank.

7.3 Investigation Methods

7.3.1 Contaminant Source

The potential contaminant sources associated with SWMU 11 would be releases of COPCs to the surface or subsurface soils as a result of discharges from Building 542 drain lines and connections or through housekeeping practices that resulted in surface discharges from the Building 542 loading dock.

Based on the 2001 Phase 1 RFI soil sample data for the site and groundwater data from throughout the western Workshop Area, it does not appear that Building 542 or SWMU 11 are likely sources of

impacts to groundwater. Following full delineation of the horizontal and vertical extent of COPCs as part of this RFI, a determination will be made regarding whether additional investigation of groundwater issues related to this site is merited.

7.3.2 Media Characterization

The presence of soil contamination at SWMU 11 will be evaluated by collecting soil samples from direct-push boreholes.

7.3.3 Quality Assurance/Quality Control

The QA/QC practices specified in the project QAPP (provided in Appendix C) will be followed during all sampling activities.

7.4 Scope of Activities

The following field activities will be conducted during the RFI at SWMU 11:

- Visual reconnaissance of the area north of Building 542 and the blast shield.
- Installation of ~~six~~ 13 soil borings using direct-push drilling methods.
- Collection and analysis of surface and subsurface soil samples.

7.4.1 Visual Reconnaissance

Visual reconnaissance of the area north of Building 542 and the blast shield will be conducted to verify there are no physical surface indications of structures, excavations, bermed areas, or depressions as were reported in the aerial imagery interpretation. The construction and nature of the blast shield and bermed area that supports the north side of the blast area will be documented to rectify the descriptions of structures and operations described in the aerial photograph interpretation with the actual physical structures present in the area.

7.4.2 Borehole Installation and Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from operations at SWMU 11. Based on operational history, the only expected COPCs for SWMU 11 are explosives. However, low-level detections of VOCs and SVOCs during prior Phase 1 RFI sampling indicate it is reasonable to continue to sample for these constituents as part of this effort as well in the interest of compiling a complete data set to support NFA. Metals were detected in all prior samples, although not at concentrations exceeding applicable screening levels. Therefore, metals will also be sampled as part of the RFI.

Field activities will include the installation and sampling of ~~six~~ 13 soil borings at the site. The proposed boring locations are shown on Figure 7-~~2~~3. Sample locations, depths, and analytical parameters are summarized in Table 7-3 (provided at the end of this section). Multi-incremental surface soil samples will be collected and analyzed for explosives (EPA Method 8330B) ~~at each boring location~~at boring locations where surface soil samples will be collected. All other samples will be collected as discrete samples.

The rationale for each boring location and sampling is described generically in Section 4 and as follows:

- Four borings will be advanced adjacent to the eastern loading dock of Building 542 to assess prior detections of explosives, VOCs, and SVOCs detected during the Phase 1 RFI. These borings will

assess whether potential discharges from loading/unloading or washdown practices on the east side of the building may have resulted in releases to the environment. Borings will be advanced to roughly 20 feet bgs with analytical samples collected at the 5- to 6-feet bgs, 10- to 11-feet bgs, 15- to 16-feet bgs, and 20- to 21-feet bgs intervals. The soil borings will be advanced to the water table with samples collected at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

- Four borings will be advanced adjacent to the western loading lock of building 542 (0611-SB05 to 0611-SB08). This area is paved with asphalt, which will require coring through the asphalt. Discrete soil samples will be collected from 6- to12- inches into native soil below the asphalt and then at 5, 10, and 20 feet bgs. The soil borings will be advanced to the water table with samples collected at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

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- One boring will be advanced to the southwest of Building 542 in a low area that collects drainage from the paved loading dock area west of the building (0611-SB09). This boring will assess potential impacts from the former cast iron line that appears to have discharged to the ground surface in this area based on as-built drawings. The boring will be advanced to roughly 5 feet bgs with analytical samples collected at the 0- to 1-foot bgs and 4- to 5-feet bgs intervals.

- One boring will be advanced adjacent to the former septic tank roughly 200 feet southwest of the building (0611-SB10). This boring will assess potential releases from the septic tank to the subsurface. The specific discharge lines from the septic tank and the associated drain field have been previously investigated. ~~The boring will be advanced to roughly 10 feet bgs with analytical samples collected at the 5- to 6-feet bgs and 10- to 11-feet bgs intervals.~~The soil boring will be advanced to the water table with samples collected at 5 and 10 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

- One soil boring will be advanced adjacent to the former cesspool (0611-SB11). The soil boring will be advanced to the water table with samples collected at 5, 10, and 20 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

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- One soil boring will be advanced at the former cesspool outfall to the arroyo (0611-SB12). The soil boring will be advanced to the water table with samples collected at 1, 5, and 10 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

- One soil boring will be advanced near the center of the septic tank drain field. The soil boring will be advanced to the water table with samples collected at 5, 10, and 20 feet bgs and at the water table or at the bottom of the borehole if the water table is not encountered before drilling refusal.

Subsurface soil borings will be advanced using a direct-push drilling method. This method will allow not only sample collection but observation and description of the soil column at each location to allow visual identification of soil staining, lithology changes, etc., and collection of field measurements with a PID.

The sampling process will be completed for each boring as follows:

1. The drilling rods and sampling sleeve will be advanced to each depth interval to recover specified samples.
2. The recovered soil cores will be geologically logged and field-screened using a PID.

3. Discrete grab soil samples will be extracted from the appropriate depth intervals and placed into appropriate sample bottles as specified in the project QAPP presented in Appendix C.
4. Remaining soil shall be emptied from the sampling sleeves and contained in drums for appropriate sampling and disposal.
5. At the conclusion of drilling the borehole will be abandoned by backfilling with hydrated bentonite chips.
6. Identify each borehole location with a survey spike that incorporates colored flagging.

Table 7-3 (provided at the end of this section) summarizes the proposed soil sampling at SWMU 11~~4~~. All samples will be analyzed for VOCs (EPA Method 8260B); SVOCs (EPA Method 8270C); RCRA metals (EPA Method 6010B and Method 7471A); and explosives (EPA Method 8330B). Additionally, the soil borings on the eastern side of the building will be analyzed for TPH diesel range organics for the samples collected at the 5 to 6 foot depths. All samples will be analyzed in accordance with the project QAPP (Appendix C).

Table 7-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 11, Building 541 and 542[a], Fort Wingate Depot Activity (concentrations in mg/kg) (1 of 5)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreCesspool	BoreCesspool	BoreCesspool	BoreCesspool
			542CES010105	542CES010220	542CES020105	542CES020220
			11/08/00	11/08/00	11/09/00	11/09/00
			5 feet bgs	20 feet bgs	5 feet bgs	20 feet bgs
VOCs - EPA Method 8260B	Acetone	67,500	ND	ND	ND	0.0068 J
	Toluene	5,570	ND	ND	0.00023 J	0.00034 J
SVOCs - EPA Method 8270B	Bis(2-ethylhexyl)phthalate	280	0.079 J	ND	ND	ND
Metals - EPA Method 6010	Aluminum	78,100	15,700	8,240	14,200	9,200
	Arsenic	3.59	0.707	1.05	0.651	1.11 J
	Barium	15,600	243	184	239	128 J
	Beryllium	156	0.732	0.387 J	0.696	0.495 J
	Cadmium	77.9	ND	0.078 J	ND	ND
	Calcium	N/A	26,700	21,900	23,500	12,200 J
	Chromium	219	6.64	3.93	5.54	6.12 J
	Cobalt	23[c]	4.36	3.04	3.89	4.54 J
	Copper	3,130	6.01	2.85	6.04	3.55
	Iron	54,800	12,100	8,410	11,200	8,390
	Lead	400	8.14	4.94	7.20	8.37 J
	Magnesium	N/A	5,120	2,830	4,730	3,210
	Manganese	10,700	382	376	398	266
	Mercury	7.71	0.013 J	ND	0.011 J	0.0093 J
	Nickel	1,560	9.03	4.57	7.44	6.76 J
	Potassium	N/A	3,100	1,420	3,060	1,620 J
	Sodium	N/A	574	189	374	376
	Thallium	5.16	0.074 J	ND	0.054 J	0.076 J
	Vanadium	391	14.7	55.2	13.8	14.3 J
	Zinc	23,500	20.8	14.3	18.5	23.6 J

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreCesspool	BoreCesspool	BoreCesspool	BoreCesspool
			542CES020220-FD	542CES030105	542CES030220	542CES040105
			11/09/00	11/09/00	11/09/00	11/29/00
			20 feet bgs	5 feet bgs	20 feet bgs	5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	0.00047 J	0.00022 J	0.00039 J	ND
Metals - EPA Method 6010	Aluminum	78,100	6,310	11,200	8,130	11,800
	Arsenic	3.59	0.863 J	0.614	1.19	0.840
	Barium	15,600	118 J	180	118	210
	Beryllium	156	0.400 J	0.518 J	0.465 J	0.603
	Cadmium	77.9	ND	ND	ND	0.055 J
	Calcium	N/A	10,900 J	21,500	10,700	21,700
	Chromium	219	2.48 J	4.07	3.24	5.31
	Cobalt	23[c]	2.11 J	3.08	2.87	3.87
	Copper	3,130	2.60	3.28	3.46	5.99
	Iron	54,800	6,400	9,020	7,620	9,790
	Lead	400	4.05 J	5.57	4.64	6.96
	Magnesium	N/A	2,320	3,680	2,690	4,100
	Manganese	10,700	211	291	228	335
	Mercury	7.71	ND	ND	0.091 J	ND
	Nickel	1,560	3.49 J	5.95	5.43	8.77
	Potassium	N/A	1,020 J	2,390	1,720	2,310
	Sodium	N/A	283 D	431	279	423
	Thallium	5.16	0.098 J	0.064 J	ND	0.066 J
	Vanadium	391	8.63 J	10.7	8.13	13.4
	Zinc	23,500	12.0 J	14.0	15.3	18.1

[a] Data referenced from PMC, 2002

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[c] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Table 7-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 11, Building 541 and 542a, Fort Wingate Depot Activity (concentrations in mg/kg) (2 of 5)

Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[b]**	BoreCesspool	BoreDrainField	BoreDrainField	BoreDrainField
			542CES040220	542DRN010105	542DRN010210	542DRN020105
			11/09/00	11/10/00	11/10/00	11/10/00
			20 feet bgs	5 feet bgs	10 feet bgs	5 feet bgs
VOCs - EPA Method 8260B	Acetone	67,500	0.011 J	ND	ND	ND
	Toluene	5,570	0.00043 J	0.00023 J	ND	ND
SVOCs - EPA Method 8270B	Bis(2-ethylhexyl)phthalate	280	ND	ND	0.070 J	ND
Metals - EPA Method 6010	Aluminum	78,100	14,100	6,390	17,600	7,410
	Arsenic	3.59	1.42	1.24	1.17	0.567 J
	Barium	15,600	210	116	285	123
	Beryllium	156	0.657	0.359 J	1.11	0.336 J
	Calcium	N/A	15,100	14,800	20,700	15,400
	Chromium	219	6.06	3.21	6.39	2.57
	Cobalt	23[c]	4.11	2.82	5.27	2.45
	Copper	3,130	6.74	3.01	10.3	3.15
	Iron	54,800	11,500	6,270	15,600	6,440
	Lead	400	7.76	5.11	9.56	4.39
	Magnesium	N/A	4,340	2,470	5,780	2,720
	Manganese	10,700	299	235	430	227
	Mercury	7.71	0.018 J	0.014 J	0.024	0.018 J
	Nickel	1,560	9.27	7.34	ND	ND
	Potassium	N/A	2,880	1,260	3,210	1,460
	Selenium	391	0.508	ND	ND	ND
	Sodium	N/A	550	307	730	371
	Thallium	5.16	0.072 J	1.75 J	0.094 J	ND
	Vanadium	391	13.1	9.85	16.9	7.78
	Zinc	23,500	23.5	12.9	27.3	14.5
Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[b]**	BoreDrainField	BoreDrainField	BoreDrainField	BoreDrainField
			542DRN020210	542DRN030105	542DRN030210	542DRN040105
			11/10/00	11/10/00	11/10/00	11/10/00
			10 feet bgs	5 feet bgs	10 feet bgs	5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	ND	0.00024 J	0.00029 J	0.00029 J
Metals - EPA Method 6010	Aluminum	78,100	15,700	2,690	8,670	7,280
	Antimony	31.3	ND	ND	ND	0.167 J
	Arsenic	3.59	0.929	0.484 J	0.952	0.498 J
	Barium	15,600	215	60.2	155	127
	Beryllium	156	0.960	ND	0.435 J	0.433 J
	Calcium	N/A	25,400	9,020	16,000	17,800
	Chromium	219	6.49	1.34	3.64	2.78
	Cobalt	23[c]	5.42	1.37	2.99	2.61
	Copper	3,130	8.10	1.49 J	3.65	3.05
	Iron	54,800	12,200	3,150	7,710	7,000
	Lead	400	9.35	2.59	5.23	4.69
	Magnesium	N/A	5,300	1,160	3,090	2,820
	Manganese	10,700	410	137	249	240
	Mercury	7.71	0.021 J	0.0085 J	ND	0.016 J
	Potassium	N/A	2,870	467	1,800	1,390
	Sodium	N/A	871	130	269	264
	Thallium	5.16	0.091 J	ND	ND	ND
	Vanadium	391	17.5	4.67	9.31	8.94
	Zinc	23,500	24.5	6.66	13.1	11.7

[a] Data referenced from PMC, 2002

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[c] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Table 7-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 11, Building 541 and 542a, Fort Wingate Depot Activity (concentrations in mg/kg) (3 of 5)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreDrainField 542DRN040210 11/10/00 10 feet bgs	BoreDrainField 542DRN050105 11/10/00 5 feet bgs	BoreDrainField 542DRN050210 11/10/00 10 feet bgs	BoreDrainField 542DRN060105 11/10/00 5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	ND	0.00025 J	ND	ND
Metals - EPA Method 6010	Aluminum	78,100	14,700	8,760	14,900	11,500
	Arsenic	3.59	1.67	0.599	ND	0.564
	Barium	15,600	227	155	216	206
	Beryllium	156	0.887	0.449 J	0.830	0.586
	Calcium	N/A	15,700	15,700	18,200	17,700
	Chromium	219	7.54	3.27	2.24	2.43
	Cobalt	23[c]	6.96	2.75	1.63	2.32
	Copper	3,130	8.16	3.70	7.90	4.36
	Iron	54,800	12,800	7,850	13,500	9,860
	Lead	400	12.4	5.14	3.65	4.43
	Magnesium	N/A	4,800	3,160	4,650	3,800
	Manganese	10,700	390	270	330	345
	Mercury	7.71	0.022 J	ND	0.023	ND
	Potassium	N/A	3,130	1,960	2,940	2,480
	Sodium	N/A	531	284	626	348
	Thallium	5.16	0.103 J	ND	0.063 J	ND
	Vanadium	391	20.4	9.11	5.91	8.18
	Zinc	23,500	39.0	12.6	7.38	11.0

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreDrainField 542DRN060210 11/10/00 10 feet bgs	BoreDrainField 542DRN070105 11/10/00 5 feet bgs	BoreDrainField 542DRN070210 11/10/00 10 feet bgs	BoreDrainField 542DRN080105 11/10/00 5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	ND	0.00033 J	0.00022 J	ND
Metals - EPA Method 6010	Aluminum	78,100	5,630	7,440	7,500	9,700
	Arsenic	3.59	0.778	0.597	0.640	0.824
	Barium	15,600	96.2	194	162	176
	Beryllium	156	ND	0.399 J	0.440 J	0.503 J
	Calcium	N/A	8,480	20,000	16,700	18,400
	Chromium	219	1.84	2.53	4.14	3.76
	Cobalt	23[c]	1.53	2.44	2.79	3.00
	Copper	3,130	2.04	2.64	4.90	3.73
	Iron	54,800	5,230	7,270	7,660	7,590
	Lead	400	2.80	4.50	5.04	5.50
	Magnesium	N/A	1,910	2,940	2,840	3,320
	Manganese	10,700	170	259	247	276
	Mercury	7.71	ND	0.0084 J	ND	0.019 J
	Potassium	N/A	1,180	1,380	1,410	2,010
	Sodium	N/A	155	253	315	273
	Thallium	5.16	ND	ND	ND	0.069 J
	Vanadium	391	5.60	8.67	11.1	9.73
	Zinc	23,500	7.43	10.7	13.2	14.3

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	BoreDrainField 542DRN080210 11/10/00 10 feet bgs	BoreDrainField 542DRN090105 11/10/00 5 feet bgs	BoreDrainField 542DRN090210 11/10/00 10 feet bgs	BoreDrainField 542DRN100105 11/10/00 5 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	0.00034 J	ND	0.00061 J	0.00031 J
Metals - EPA Method 6010	Aluminum	78,100	5,830	9,460	11,200	6,810
	Arsenic	3.59	0.562	0.767	1.05	0.848
	Barium	15,600	147	203	169	191
	Beryllium	156	0.391 J	0.530 J	0.684	0.430 J
	Cadmium	77.9	ND	ND	ND	0.052 J
	Calcium	N/A	14,300	17,100	17,900	19,600
	Chromium	219	4.85	4.02	4.49	3.76
	Cobalt	23[c]	2.39	3.38	4.18	3.52
	Copper	3,130	4.29	4.95	6.75	3.83
	Iron	54,800	6,360	8,700	10,600	7,640
	Lead	400	4.54	6.12	7.76	6.24
	Magnesium	N/A	2,300	3,450	3,910	2,720
	Manganese	10,700	224	289	336	284
	Mercury	7.71	0.016 J	0.011 J	0.022 J	0.013 J
	Potassium	N/A	1,130	1,900	2,260	1,220
	Sodium	N/A	230	282	566	289
	Thallium	5.16	ND	0.072 J	0.069 J	0.064 J
	Vanadium	391	8.61	13.7	12.9	11.9
	Zinc	23,500	12.1	17.2	30.0	17.2

Table 7-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 11, Building 541 and 542a, Fort Wingate Depot Activity (concentrations in mg/kg) (4 of 5)

Chemical Class and Laboratory Method	**Analyte**	**NMED Residential Soil SSL[b]**	BoreDrainField	BoreEast LoadingDock	BoreEast LoadingDock
			542DRN100210	542ELD010105	542ELD010210
			11/10/00	11/30/00	11/30/00
			10 feet bgs	5 feet bgs	10 feet bgs
VOCs - EPA Method 8260B	Toluene	5,570	ND	0.00020 J	ND
SVOCs - EPA Method 8270B	Acenaphthene	3,440	ND	0.019 J	15.4 J
	Acenaphthylene	N/A	ND	ND	0.474 J
	Anthracene	17,200	ND	0.014 J	24.0 J
	Benzo(a)anthracene	4.81	ND	0.050 J	**8.53 J**
	Benzo(a)pyrene	0.481	ND	0.040 J	**2.50 J**
	Benzo(b)fluoranthene	4.81	ND	0.057 J	3.94 J
	Benzo(g,h,i)perylene	N/A	ND	ND	0.839 J
	Benzo(k)fluoranthene	48.1	ND	0.015 J	1.26 J
	Carbazole	N/A	ND	ND	2.88 J
	Chrysene	481	ND	0.052 J	7.62 J
	Dibenzofuran	78[c]	ND	ND	8.41 J
	Fluoranthene	2,290	ND	0.153 J	46.6 J
	Fluorene	2,290	ND	0.0095 J	16.8 J
	Indeno(1,2,3-cd)pyrene	4.81	ND	ND	0.849 J
	2-Methylnaphthalene	N/A	ND	ND	0.755 J
	Naphthalene	45	ND	ND	0.418 J
	Phenanthrene	1,830	ND	0.037 J	88.7 J
	Pyrene	1,720	ND	0.195	36.8 J
Metals - EPA Method 6010	Aluminum	78,100	7,890	8,050	22,000
	Arsenic	3.59	0.865	0.581	1.00 J
	Barium	15,600	127	326	393 J
	Beryllium	156	0.427 J	1.39	0.957
	Cadmium	77.9	ND	0.172	0.248 J
	Calcium	N/A	12,300	21,400	29,300 J
	Chromium	219	3.75	5.20	9.62 J
	Cobalt	23[c]	3.50	3.65	12.4 J
	Copper	3,130	4.48	4.77	23.8 J
	Iron	54,800	7,830	14,000	19,700
	Lead	400	6.06	17.0	42.4 J
	Magnesium	N/A	2,780	2,770	8,440 J
	Manganese	10,700	252	520	495
	Mercury	7.71	0.021 J	0.011 J	0.033
	Nickel	1,560	ND	ND	18.0 J
	Potassium	N/A	1,690	1,670	3,740
	Sodium	N/A	209	103	1,620 J
	Thallium	5.16	0.067 J	0.059 J	0.082 J
	Vanadium	391	11.0	17.0	49.4 J
	Zinc	23,500	17.0	34.9	54.9 J
Explosives - EPA Method 8330	HMX	3,060	ND	0.67	0.928 J
	RDX	35.6	ND	0.844	0.37

Table 7-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 11, Building 541 and 542a, Fort Wingate Depot Activity (concentrations in mg/kg) (5 of 5)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	Outfall	BoreEast LoadingDeck	Cesspool	SepticTank
			542OUTSED01	542ELD010210-FD	542CESSED01	542SEPSED01
			11/07/00	11/30/00	11/07/00	11/07/00
			0.5 feet bgs	10 feet bgs	0.5 feet bgs	0.5 feet bgs
VOCs - EPA Method 8260B	Carbon disulfide	1,940	ND	ND	ND	0.117 J
	Methylene chloride	199	0.00074 J	ND	0.0016 J	ND
SVOCs - EPA Method 8270B	2-Methylnaphthalene	N/A	ND	ND	ND	0.014 J
	Acenaphthene	3,440	ND	0.083 J	ND	ND
	Anthracene	17,200	ND	0.054 J	ND	0.024 J
	Benzo(a)anthracene	4.81	ND	0.094 J	0.022 J	0.094 J
	Benzo(a)pyrene	0.481	ND	0.043 J	0.028 J	0.069 J
	Benzo(b)fluoranthene	4.81	ND	0.069 J	0.089 J	0.091 J
	Benzo(g,h,i)perylene	N/A	ND	ND	ND	0.045 J
	Benzo(k)fluoranthene	48.1	ND	0.022 J	0.025 J	0.034 J
	Carbazole	N/A	ND	ND	0.0091 J	ND
	Chrysene	481	ND	0.093 J	0.044 J	0.094 J
	Dibenzofuran	78[c]	ND	0.026 J	ND	ND
	Fluoranthene	2,290	ND	0.283 J	0.044 J	0.168 J
	Fluorene	2,290	ND	0.046 J	ND	0.018 J
	Indeno(12,3-cd)pyrene	4.81	ND	ND	ND	0.050 J
	Naphthalene	45	ND	ND	ND	0.059 J
	Phenanthrene	1,830	ND	0.195 J	ND	0.143 J
	Pyrene	1,720	ND	0.328 J	0.035 J	0.168 J
Metals - EPA Method 6010	Aluminum	78,100	11,400	19,500	10,800	1,050
	Antimony	31.3	ND	ND	ND	2.77 J
	Arsenic	3.59	0.804	1.84	1.03	**8.32**
	Barium	15,600	159	444 J	185	23.1
	Beryllium	156	0.592	0.853	0.642	ND
	Cadmium	77.9	0.060 J	0.072 J	ND	4.28
	Calcium	N/A	15,000	21,800 J	19,500	1,570
	Chromium	113,000	4.21	5.07 J	4.51	11.9
	Cobalt	23[c]	2.89	5.42 J	3.43	0.606
	Copper	3,130	5.56	24.4 J	6.48	26.0
	Iron	54,800	9,410	27,800	9,580	2,350
	Lead	400	7.56	9.10 J	6.56	98.7
	Magnesium	N/A	3,900	13,300 J	3,960	212
	Manganese	10,700	295	610	343	16.3
	Mercury	7.71	0.019 J	0.021 J	0.012 J	0.377
	Nickel	1,560	ND	26.7 J	ND	ND
	Potassium	N/A	2,780	3,420	2,720	272 J
	Selenium	391	ND	ND	ND	1.52 J
	Sodium	N/A	76.1	3,450 J	131	272
	Silver	391	ND	ND	ND	0.933 J
	Thallium	5.16	0.056 J	0.149 J	0.215 J	ND
	Vanadium	391	10.7	16.6 J	12.3	3.28
	Zinc	23,500	22.1	24.6 J	16.1	6120

(wipe concentrations in mg/cm^2)

Chemical Class and Laboratory Method	Analyte	NMED Residential Soil SSL[b]	Wipe	Wipe	Wipe
			B542WIPE04	B542WIPE06	B542WIPE07
			10/19/00	10/19/00	10/19/00
			Surface Sample	Surface Sample	Surface Sample
Explosives - EPA Method 8330	HMX	3,060	0.011	0.012	0.009

[a] Data referenced from PMC, 2002

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are **bold**.

[c] EPA Region 6 Human Health Specific Screening Levels, December 2009.

Positive detections of organic compounds are shaded.

bgs – below ground surface N/A – not applicable ND – not detected FD – field duplicate

J – Estimated value below RL

Table 7-2 Summary of Reportable Explosives Concentrations in Groundwater, Western Workshop Areas,Fort Wingate Depot Activity [a] (concentrations in µg/L)

Chemical Class and Laboratory Method	Analyte	NMWQCC Standard[b]	EPA MCL[c]	TMW11	TMW11 FD	TMW15	TMW11	TMW11 FD	TMW15
				2/16/01	2/16/01	2/16/01	4/30/01	4/30/01	5/1/01
Explosives - Method 8330	RDX	N/A	N/A	0.260 J	0.290 J	ND	0.270 J	0.270 J	ND
	2,4-Dinitrotoluene	N/A	N/A	ND	ND	ND	ND	ND	0.180 J
	2,6-Dinitrotoluene	N/A	N/A	ND	ND	ND	ND	ND	ND
	Nitrobenzene	N/A	N/A	ND	ND	ND	ND	ND	ND
Water Quality Chemistry	Nitrate-N	10,000	10,000	690	690	1,800	720	700	1,600
	Nitrite-N by Calculation	N/A	1,000	ND	40 J	ND	200 J	200 J	200 J
	Fluoride	1,600	4,000	ND	ND	ND	1,800	1,600	ND

[a] Data referenced from PMC, 2002
[b] New Mexico Water Quality Control Commission Standard, if available
[c] EPA Drinking Water Maximum Contaminant Level, if available
N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Chemical Class and Laboratory Method	Analyte	NMWQCC Standard[b]	EPA MCL[c]	TMW14A	TMW16	TMW17	TMW18	TMW19
				5/2/01	5/3/2001	4/30/2001	5/1/2001	5/2/2001
Explosives - Method 8330	RDX	N/A	N/A	0.120 J	ND	ND	ND	ND
	2,4-Dinitrotoluene	N/A	N/A	ND	0.130 J	ND	0.140 J	0.100 J
	2,6-Dinitrotoluene	N/A	N/A	ND	ND	ND	0.24	ND
	Nitrobenzene	N/A	N/A	0.22	ND	ND	ND	ND
Water Quality Chemistry	Nitrate-N	10,000	10,000	ND	ND	ND	ND	ND
	Nitrite-N by Calculation	N/A	1,000	ND	ND	ND	ND	ND
	Fluoride	1,600	4,000	580	ND	1,900	ND	ND

[a] Data referenced from PMC, 2002
[b] New Mexico Water Quality Control Commission Standard, if available
[c] EPA Drinking Water Maximum Contaminant Level, if available
N/A – not applicable ND – not detected FD – field duplicate J – Estimated value below RL

Table 7-3 Proposed RCRA Facility Investigation Sampling and Analyses for SWMU 11, Fort Wingate Depot Activity (1 of 2)

Method					Explosives 8330B	Perchlorate 6850	VOCs 8260B	SVOCs 8270C	TPH-DRO 8015B	Metals SW6010B and SW7471A
Specific Analyses Requested					Explosives	Perchlorate	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Diesel Range Organics	RCRA Metals
Sample ID	Location	Sample Depth (feet bgs)	Sample Type	COC Comment						
0611-SB01-D-0506	SB01		Discrete		X	X	X	X	X	X
0611-SB01-D-0506 MS/MSD	SB01		Discrete	MS/MSD	X	X	X	X	X	X
0611-SB01-D-1011	SB01		Discrete		X	X	X	X		X
0611-SB01-D-1011-DUP	SB01		Discrete Dup		X	X	X	X		X
0611-SB01-D-1516	SB01		Discrete		X	X	X	X		X
0611-SB01-D-2021	SB01		Discrete		X	X	X	X		X
0611-SB01-D-6465	SB01		Discrete		X	X	X	X		X
0611-SB02-D-0506	SB02		Discrete		X	X	X	X	X	X
0611-SB02-D-1011	SB02		Discrete		X	X	X	X		X
0611-SB02-D-1516	SB02		Discrete		X	X	X	X		X
0611-SB02-D-2021	SB02		Discrete		X	X	X	X		X
0611-SB02-D-6465	SB02		Discrete		X	X	X	X		X
0611-SB03-D-0506	SB03		Discrete		X	X	X	X	X	X
0611-SB03-D-1011-DUP	SB03		Discrete Dup		X	X	X	X		X
0611-SB03-D-1011	SB03		Discrete		X	X	X	X		X
0611-SB03-D-1516	SB03		Discrete		X	X	X	X		X
0611-SB03-D-2021	SB03		Discrete		X	X	X	X		X
0611-SB03-D-6465	SB03		Discrete		X	X	X	X		X
0611-SB04-D-0506	SB04		Discrete		X	X	X	X	X	X
0611-SB04-D-1011	SB04		Discrete		X	X	X	X		X
0611-SB04-D-1516	SB04		Discrete		X	X	X	X		X
0611-SB04-D-2021	SB04		Discrete		X	X	X	X		X
0611-SB04-D-6465	SB04		Discrete		X	X	X	X		X
0611-SB05-D-0102	SB05		Discrete		X	X	X	X		X
0611-SB05-D-0506	SB05		Discrete		X	X	X	X		X
0611-SB05-D-1516	SB05		Discrete		X	X	X	X		X
0611-SB05-D-2021	SB05		Discrete		X	X	X	X		X
0611-SB05-D-6465	SB05		Discrete		X	X	X	X		X
0611-SB06-D-0102	SB06		Discrete		X	X	X	X		X
0611-SB06-D-0506	SB06		Discrete		X	X	X	X		X
0611-SB06-D-1516	SB06		Discrete		X	X	X	X		X
0611-SB06-D-2021	SB06		Discrete		X	X	X	X		X
0611-SB06-D-6465	SB06		Discrete		X	X	X	X		X
0611-SB07-D-0102	SB07		Discrete		X	X	X	X		X
0611-SB07-D-0506	SB07		Discrete		X	X	X	X		X
0611-SB07-D-1516	SB07		Discrete		X	X	X	X		X
0611-SB07-D-2021	SB07		Discrete		X	X	X	X		X
0611-SB07-D-6465	SB07		Discrete		X	X	X	X		X
0611-SB08-D-0102	SB08		Discrete		X	X	X	X		X
0611-SB08-D-0506	SB08		Discrete		X	X	X	X		X
0611-SB08-D-1516	SB08		Discrete		X	X	X	X		X
0611-SB08-D-2021	SB08		Discrete		X	X	X	X		X
0611-SB08-D-6465	SB08		Discrete		X	X	X	X		X

Table 7-3 Proposed RCRA Facility Investigation Sampling and Analyses for SWMU 11, Fort Wingate Depot Activity (2 of 2)

Method					Explosives	Perchlorate	VOCs	SVOCs	TPH-DRO	Metals
					8330B	6850	8260B	8270C	8015B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	Perchlorate	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Diesel Range Organics	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment						
0611-SB09-D-0001	SB09	0-1	Discrete*		X	X	X	X		X
0611-SB09-D-0001 MS/MSD	SB09	0-1	Discrete*	MS/MSD	X	X	X	X		X
0611-SB09-D-0405	SB09	4-5	Discrete		X	X	X	X		X
0611-SB09-D-0405-DUP	SB09	4-5	Discrete Dup		X	X	X	X		X
0611-SB10-D-0405	SB10	4-5	Discrete		X	X	X	X		X
0611-SB10-D-0910	SB10	9-10	Discrete		X	X	X	X		X
0611-SB10-D-6465	SB10	64-65	Discrete		X	X	X	X		X
0611-SB11-D-0405	SB11	4-5	Discrete		X	X	X	X		X
0611-SB11-D-0405-DUP	SB11	4-5	Discrete Dup		X	X	X	X		X
0611-SB11-D-0910	SB11	9-10	Discrete		X	X	X	X		X
0611-SB11-D-1920	SB11	19-20	Discrete		X	X	X	X		X
0611-SB11-D-6465	SB11	64-65	Discrete		X	X	X	X		X
0611-SB12-D-0001	SB12	0-1	Discrete*		X	X	X	X		X
0611-SB12-D-0001-DUP	SB12	0-1	Discrete Dup*		X	X	X	X		X
0611-SB12-D-0405	SB12	4-5	Discrete		X	X	X	X		X
0611-SB12-D-0910	SB12	9-10	Discrete		X	X	X	X		X
0611-SB12-D-6465	SB12	64-65	Discrete		X	X	X	X		X
0611-SB13-D-0405	SB13	4-5	Discrete		X	X	X	X		X
0611-SB13-D-0405-DUP	SB13	4-5	Discrete Dup		X	X	X	X		X
0611-SB13-D-0910	SB13	9-10	Discrete		X	X	X	X		X
0611-SB13-D-0910 MS/MSD	SB13	9-10	Discrete	MS/MSD	X	X	X	X		X
0611-SB13-D-1920	SB13	19-20	Discrete		X	X	X	X		X
0611-SB13-D-6465	SB13	64-65	Discrete		X	X	X	X		X
0611-TB01-D	SWMU 11	N/A	Discrete	Trip Blank			X			
0611-EB01-D	SWMU 11	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
0611-TB02-D	SWMU 11	N/A	Discrete	Trip Blank			X			
0611-EB02-D	SWMU 11	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)		X (rinsate)
Total Normal Samples					57	57	57	57	4	57
Total Duplicates					6	6	6	6	1	6
Total Equipment Blanks (Rinsate water sample)					2	2	2	2	1	2
Total Trip Blanks					0	0	2	0	0	0
Total MS/MSD Samples (lab counts each separately)					2	2	2	2	1	2
Total Soil Samples					67	67	67	67	7	67
Total Water Samples					2	2	4	2	1	2
Total Analyses					69	69	71	69	8	69

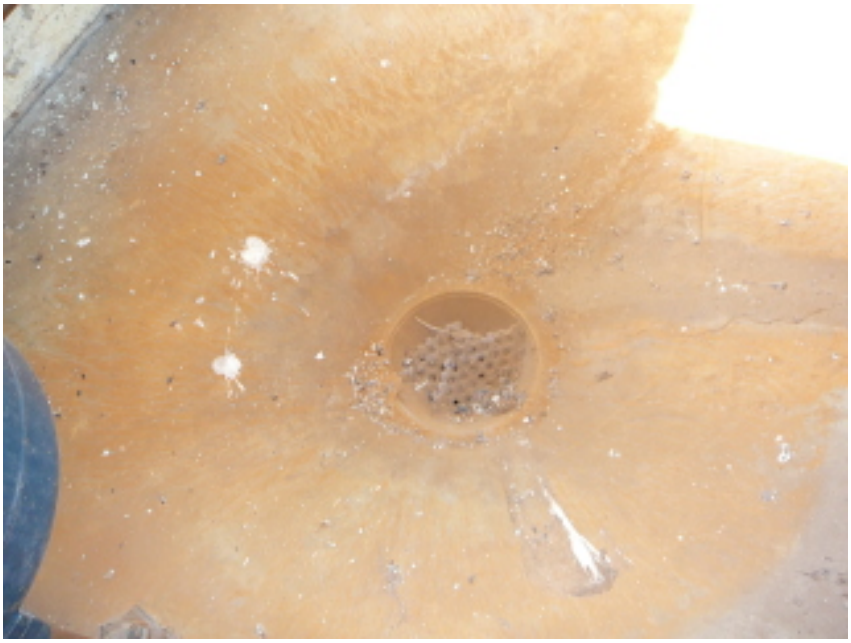
Notes

bgs - below ground surface
Discrete = discrete location sample
Dup = duplicate sample
Lab QC = Matrix spike/matrix spike duplicate sample set which will be **triple the normal sample volume**
* = Surface soil samples will muliti-incremental samples for explosives and discrete samples for all other constituents
MS/MSD = matrix spike/matrix spike duplicate

Photograph 7-1 Building 542, facing west, Fort Wingate Depot Activity

Photograph 7-2 Building 542, facing west, Fort Wingate Depot Activity

Photograph 7-3 Building 542, facing northeast, Fort Wingate Depot Activity



Photograph 7-4 Building 542 interior floor drain, Fort Wingate Depot Activity

Photograph 7-5 Building 542 interior, Fort Wingate Depot Activity

Photograph 7-6 Building 541, facing south, Fort Wingate Depot Activity

2

8.0 SWMU 20: Western Landfill

8.1 Background

8.1.1 Location, Description, and Operational History

The Western Landfill Area is an inactive burial site located approximately 0.5 mile west of the Administrative Area, southwest of the Sewage Treatment Plant and directly west of Building 23 as shown in Figures 8-1 and 8-2. Photographs 8-1 through 8-6, which are provided at the end of this section, show various views of the Western Landfill. The Western Landfill is predominantly located in Parcel 7, but is partially located in Parcel 6 and has therefore been included with the Parcel 6 investigation activities.

Based on review of historical aerial photography, the Western Landfill Area originally appeared to consist of four elongated areas or closed trenches defined by depressions and disturbed vegetation (ERM, 1997). Each area was approximately 100 feet in length and 50 feet in width, and generally oriented from north to south (ERM, 1997). A large mound of soil remained in the vicinity which is likely native soils resulting from trench excavation activities (ERM, 1997). Personnel previously stationed at the FWDA installation reported that the trenches were excavated shortly before the installation was closed in 1993, and nonhazardous materials (for example, trash, refuse, debris, etc.) were disposed of in the trenches (ERM, 1997). However, aerial photographs show historical operations at this location beginning prior to 1948. Three additional large disturbed areas were also located in proximity to the four trenches (ERM, 1997). Environmental restoration activities were completed at these seven areas in 2005 (USACE, 2005). All debris was removed from the trenches and soil confirmation sampling verified that all hazardous materials and contaminated soil were removed from the excavations. The trenches were backfilled with clean soil and the area has since been revegetated.

Previous interpretation of aerial photography also indicated that an area to the southwest of the Western Landfill may have had historic operations. This site is described as Feature 4 and is adjacent to the former location of a pre-World War II (WWII) magazine as shown in Figures 8-2 and 8-~~2~~3. Feature 4 has not been previously investigated.

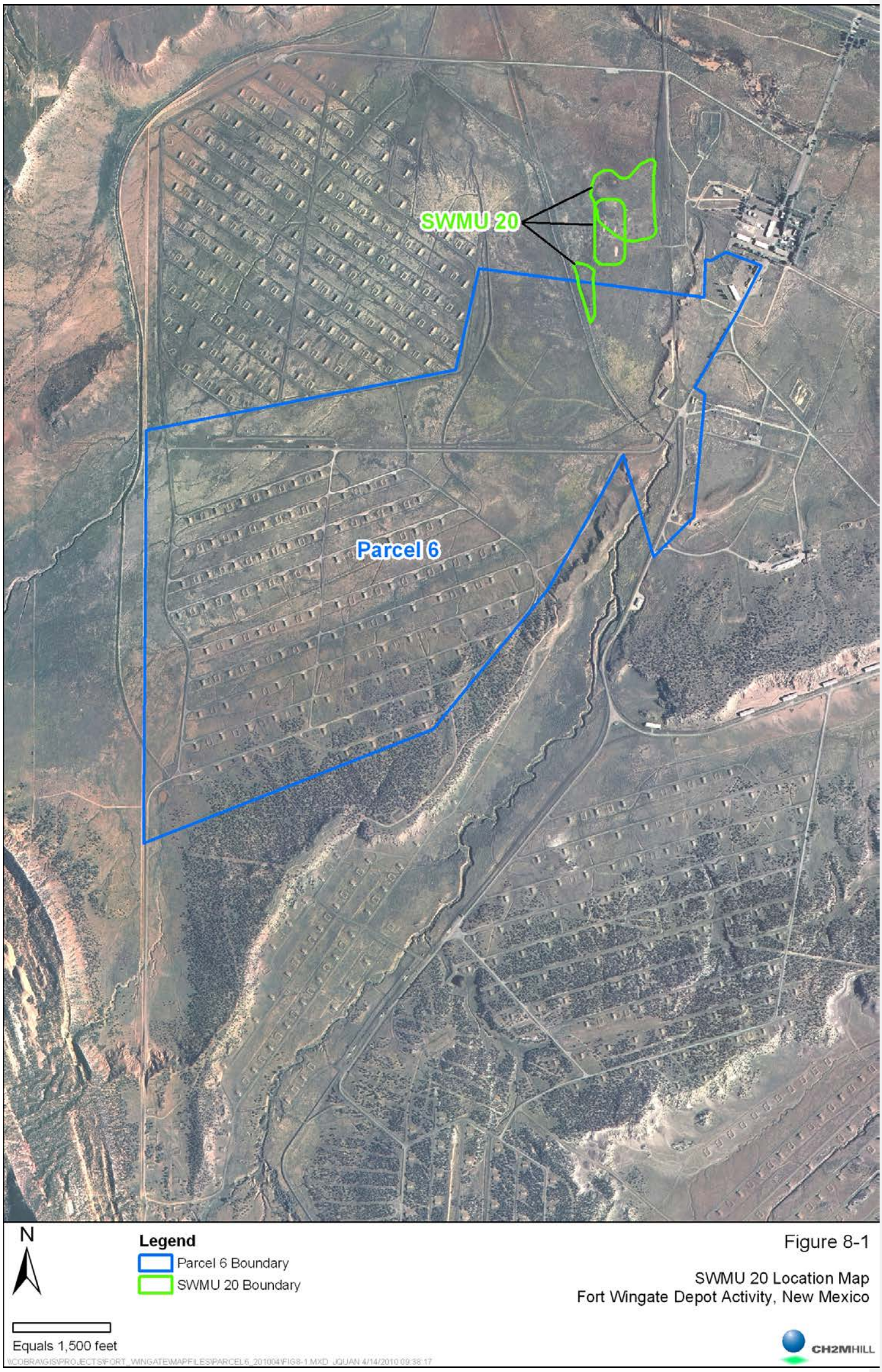
8.1.2 Surface Conditions

The SWMU 20 area is generally flat and the vegetation cover consists mostly of grass and sagebrush. SWMU 20 is immediately to the east of a regional drainage arroyo.

8.1.3 Subsurface Conditions

The SWMU 20 area is underlain by unconsolidated alluvium to depths of at least 15 feet bgs as determined during the landfill waste removal activities (USACE, 2005). No groundwater wells have been installed at SWMU 20, but the depth to groundwater in this area is estimated to be 60 to 70 feet bgs.

1



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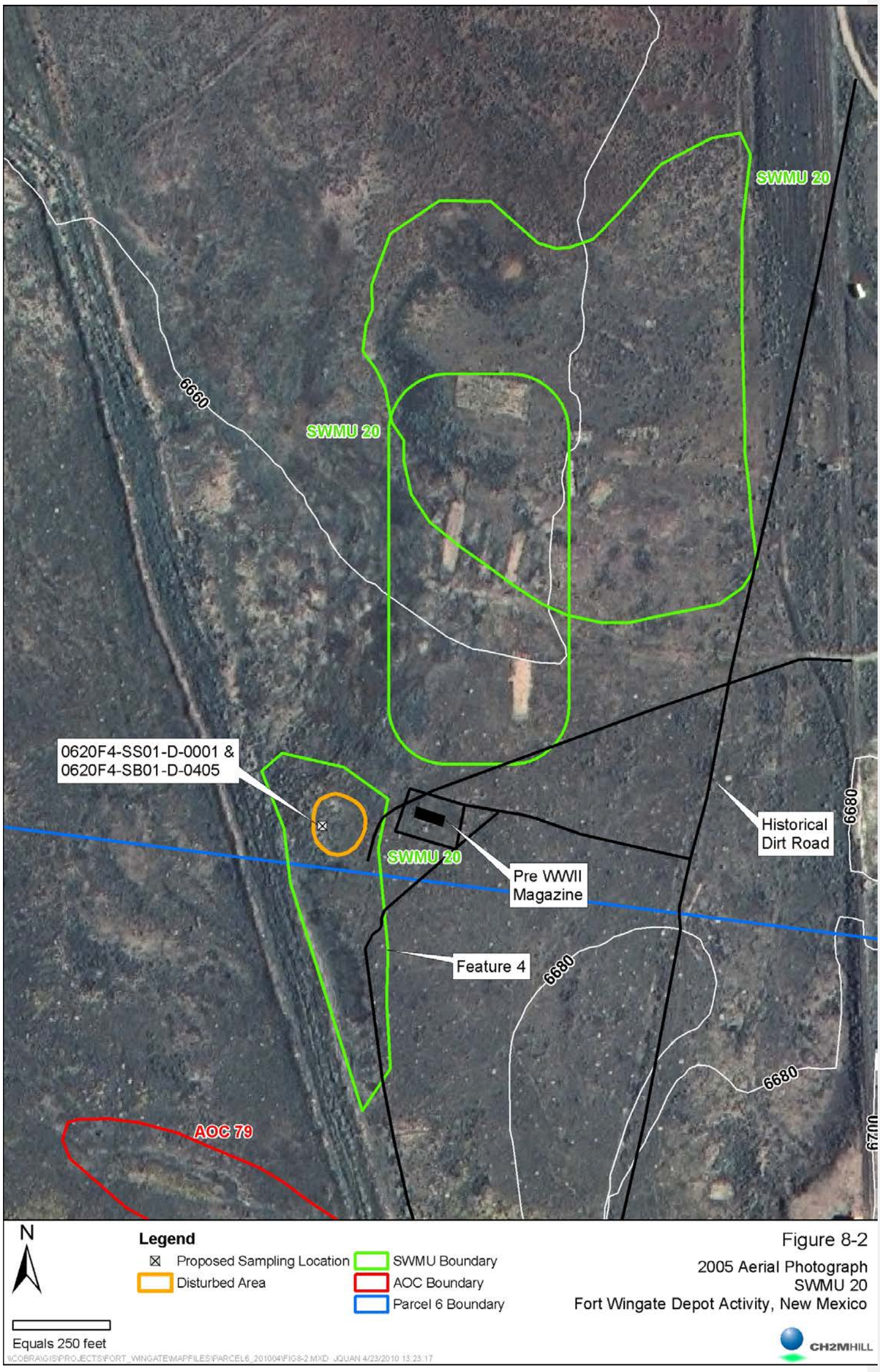

Figure 8-2
2005 Aerial Photograph
SWMU 20
Fort Wingate Depot Activity, New Mexico

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8.1.4 Waste Characteristics and Contaminants of Potential Concern

As determined from the 2001 removal activity, the waste encountered in the Western Landfill generally consisted of solid waste of the sort typically generated during the warehousing, packaging, and demilitarization of munitions, with a few exceptions. The primary types of waste included metal banding, various types of wood debris, plastic debris, electrical wiring, and construction and demolition debris. Minor amounts of glass, ash, automobile parts, and a few crushed metal and plastic containers were also present. Material described as unusual included 120 demilitarized projectiles and demolition debris thought to be associated with the Deactivation Furnace were found in trench DT4, several crushed drums were found in trench DT2, and several areas thought to be ash were encountered. ~~There is no reason to expect a release at Feature 4 other than its proximity to the Western Landfill.~~

There is no reason to expect a release at Feature 4 other than its proximity to the Western Landfill. Due to the items recovered and compounds detected in soil during excavation of the nearby Western ~~l~~Landfill, COPCs for ~~SWMU 20~~Feature 4 include explosives, RCRA metals, VOCs, SVOCs, pesticides, and chlorinated herbicides.

8.2 Previous Investigations

8.2.1 Nonsampling Data

Nonsampling data available for SWMU 20 are summarized below.

Aerial Report; Environmental Research, Inc., 2006

Previous nonsampling data includes aerial imagery from 1935, 1948, 1952, 1958, 1962, 1966, 1973, 1978, 1985, 1991, 1993, and 1997 (ERI, 2006). The 1935 aerial photograph shows a pre-World War II (WWII) magazine located to the south of the Western Landfill and to the east of Feature 4, as well as dirt roads that lead to this area (Figure 8-3~~2~~). Historical operations at SWMU 20 are first visible beginning with the 1948 aerial photo where an access road is shown leading to an area of dark-toned material and debris. This photo also shows a drainage feature that was constructed to channelize the arroyo to the west of this area. By 1948 the pre-WWII magazine had been removed. However, dirt roads are still present in this area and they lead to Feature 4, which is an area that may be disturbed ground or natural vegetation that is adjacent to the constructed drainage feature. Historical operations are present at SWMU 20 through the 1966 aerial photograph with signs of debris, ground scars, and trenching. However, historical operations or signs of an environmental release at Feature 4 were not specifically observed in any of the available aerial photographs.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within SWMU 20. However, the report includes background information relevant to the WWI magazines. A World War I (WWI) magazine was formerly located within SWMU 20 to the east of~~,~~ Feature 4. WWI magazines historically stored bulk explosives in boxes prior to WWII. The magazines were wood buildings with metal roofs and were approximately 20 feet by 50 feet in size. All WWI magazines were demolished prior to WWII to clear space for the current structures at FWDA.

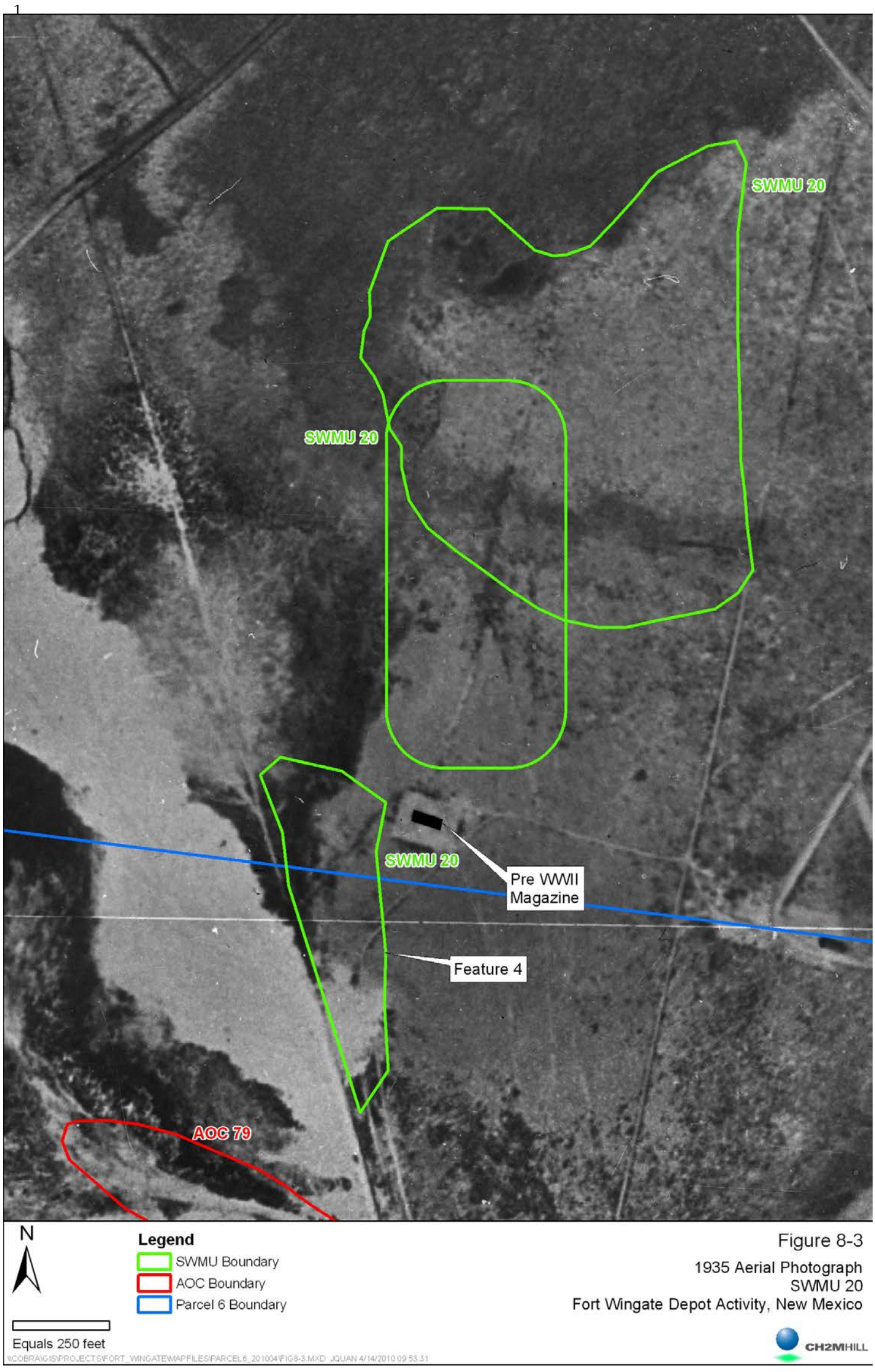


Figure 8-3
1935 Aerial Photograph
SWMU 20
Fort Wingate Depot Activity, New Mexico

1

8.2.2 Sampling Data

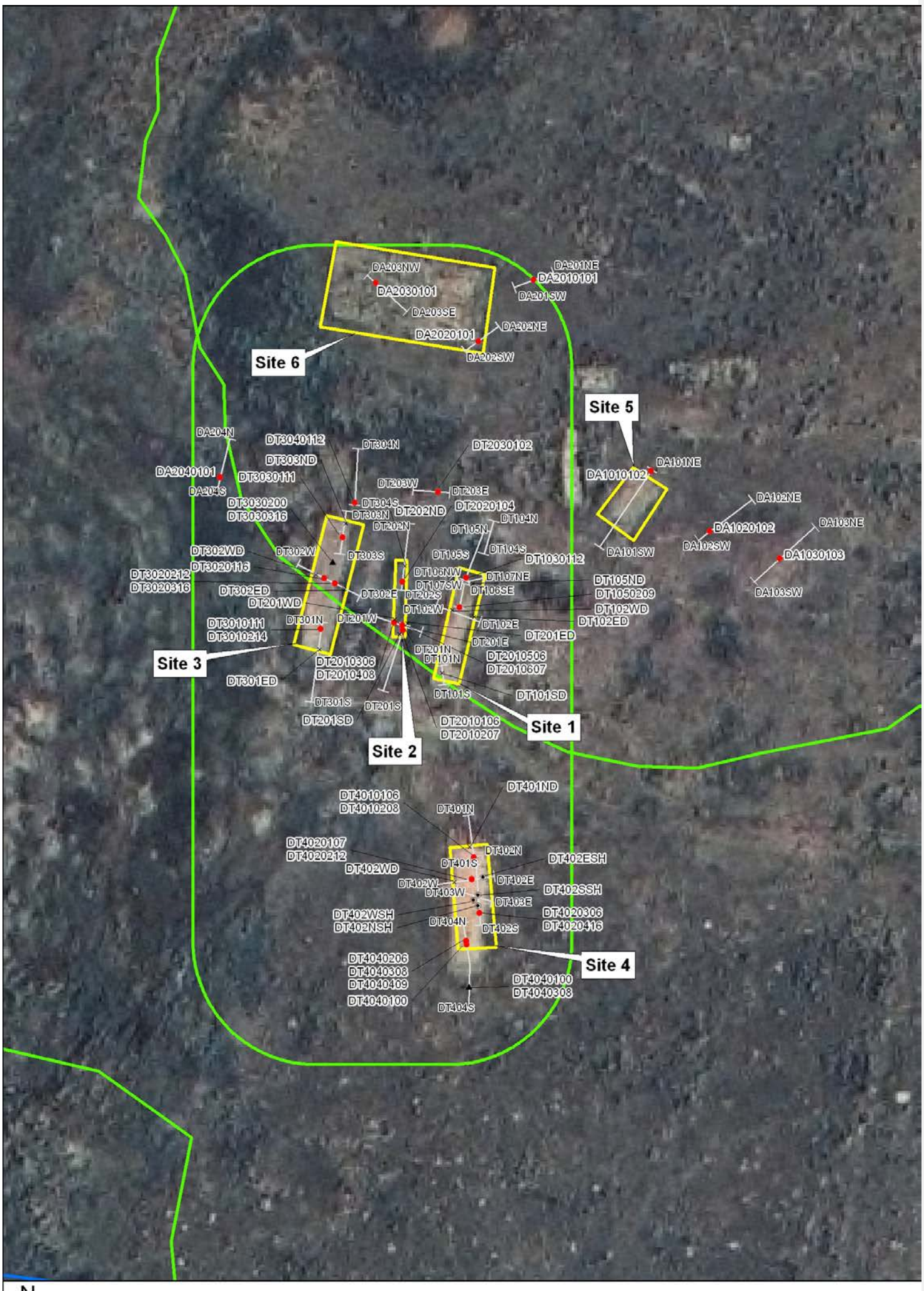
Previous investigation phases have been completed at SWMU 20 and are summarized below. Available analytical data from previous investigations are summarized in Table 8-1 (provided at the end of this section). The samples designated as "Excavation Derived Waste" represent the composition of the waste that was removed; the samples designated as "Confirmation Samples" represent the existing material that remained in place after excavation. Figure 8-~~3~~ 4 presents the locations of previous investigation activities.

Final Remedial Investigation/Feasibility Study & RCRA Corrective Action Program Document; ERM Program Management Company, 1997

Twenty-nine investigation trenches were completed in the four main trenches (DT1 to DT4) and three disturbed areas (DA1 to DA3) during the remedial investigation (RI) to determine the depth of the landfill. The investigation trenches penetrated the full thickness of wastes in the vertical and horizontal planes. Waste was encountered in all four disposal trenches and one of the disturbed ground areas. The waste encountered in the Western Landfill generally consisted of solid waste of the sort typically generated during the warehousing, packaging, and demilitarization of munitions, with a few exceptions. The primary types of waste included metal banding, various types of wood debris, plastic debris, electrical wiring, and construction and demolition debris. Minor amounts of glass, ash, automobile parts, and a few crushed metal and plastic containers were also present. Material described as unusual included 120 demilitarized projectiles and demolition debris thought to be associated with the Deactivation Furnace were found in trench DT4, several crushed drums were found in trench DT2, and several areas thought to be ash were encountered. The report does not indicate the specific locations where ash was found.

Generally, a cover of 1 to 7 feet of sandy silt to silty-clayey sand was observed over the disposal trenches. The maximum depth of waste ranged from approximately 7 to 14 feet bgs. During the RI, 15 waste and 16 soil samples were collected and analyzed for explosives, VOCs, SVOCs, pesticides, PCBs, metals, and nitrate/nitrite. Several SVOCs, three VOCs (bromomethane, 1,1,1-trichloroethane, and chlorobenzene), pesticides, and metals were detected at low concentrations exceeding background values of native soil. The report does not indicate a specific source for the final background values, only a description of a 1992 work plan that outlined the methodology for determination of the background values. Area DA3 was the only disturbed area found to contain significant amounts of waste: a layer of 5-inch rocket fins present from just below the ground surface to a depth of approximately 3 feet bgs. Investigation trenches were able to penetrate the full thickness of the wastes. The extent of contamination was believed to be limited to the visible waste and associated matrix and not to have impacted the native soil below the landfill. However, there is no indication in the report as to why the waste was not expected to have impacted the native soil.

1



N

Legend

- Debris Location
- Geotechnical Soil Sample
- Shell Location
- Trench Soil Sample
- Trench Location
- Interpreted Waste Boundary
- SWMU Boundary
- Parcel 6 Boundary

Equals 125 feet

Figure 8-4

Previous Investigation Areas
SWMU 20
Fort Wingate Depot Activity, New Mexico

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1

Final Report Removal and Disposal of Western Landfill; USACE, 2005

In 2001, waste and debris were removed from the Western Landfill. Approximately 12,800 yd^3 of debris and soil were excavated and disposed of off site. No live munitions or explosives of concern (MEC) items were recovered during removal activities. Approximately 186 tons of MEC-related scrap and metal debris were recovered and recycled during these activities. No unexploded ordnance (UXO) was found in any of the landfill cells or at the site. Compounds detected in the excavated soil included several VOCs, SVOCs, pesticides, and chlorinated herbicides at concentrations below their respective NMED SSLs or EPA ~~Region 6 MSSL~~RSLs. Arsenic was detected at several locations with a maximum concentration of 9.9 mg/kg at Site~~-~~ 4, which is above the NMED SSL of 3.59 mg/kg. Additionally, ~~2,4,6-trinitrotoluene~~benzo(a)pyrene was detected at ~~Cell~~ Site# 1 at a ~~maximum~~ concentration of ~~6.2~~0.68J mg/kg, which is above the NMED SSL of ~~6.11~~0.481 mg/kg.

Following the excavation activities, confirmation soil samples were collected from the bottom of the excavations and the site was backfilled with clean soil, regraded, and revegetated. Post-excavation confirmation samples detected low or qualified concentrations of toluene and five chlorinated herbicide compounds, at concentrations below their applicable NMED SSLs or EPA RSLs.

Final Report on Airborne Geophysical Survey; Battelle, 2009

In January, 2009, a low-altitude airborne vertical magnetic gradient geophysical survey was conducted over the Fort Wingate Army Depot, New Mexico. The objective of the survey was to collect data over areas delineated by the United States Army Engineering Support Center to define the limits of UXO contamination with an emphasis on pits and trenches. The main survey area consisted of 1,650 acres; however, due to topography and vegetation, only 1,489 acres were actually surveyed. The typical survey altitude was 1 to 5 meters above ground level in the low, flat areas, and 5 to 10 meters above ground level in the valleys and rugged terrain areas.

The results of the airborne geophysical survey for SWMU 20 are shown in Figure 8-5.

8.2.3 Conceptual Model

8.2.3.1 Nature and Extent of Contamination

Based on review of the operational history of ~~SWMU 20~~the Western Landfill, visual inspection of the site, and evaluation of available analytical data, the release of COPCs to the environment is limited to the former landfill trench locations that have since been excavated and removed (USACE, 2005). Post-excavation confirmation samples detected low or qualified concentrations of toluene and five chlorinated herbicide compounds, at concentrations below their applicable NMED SSLs or EPA ~~Region 6 MSSL~~RSLs. Based on previous investigations at SWMU 20, the COPCs for this site are explosives, RCRA metals, VOCs, SVOCs, pesticides, and chlorinated herbicides. Historical soil analytical data from the various investigation phases are presented in Table 8-1 (provided at the end of this section).The nature and extent of contamination has been defined and remediated at the Western Landfill. ~~Historical soil analytical data from the various investigation phases are presented in Table 8-1 (provided at the end of this section).~~

The nature and extent of potential soil contamination at Feature 4 to the southwest of the Western Landfill has not been evaluated.

8.2.3.2 Fate and Transport

If contamination is present at Feature 4 of SWMU 20, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

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8.2.3.3 Data Gaps

No historic sampling data exist for Feature 4.

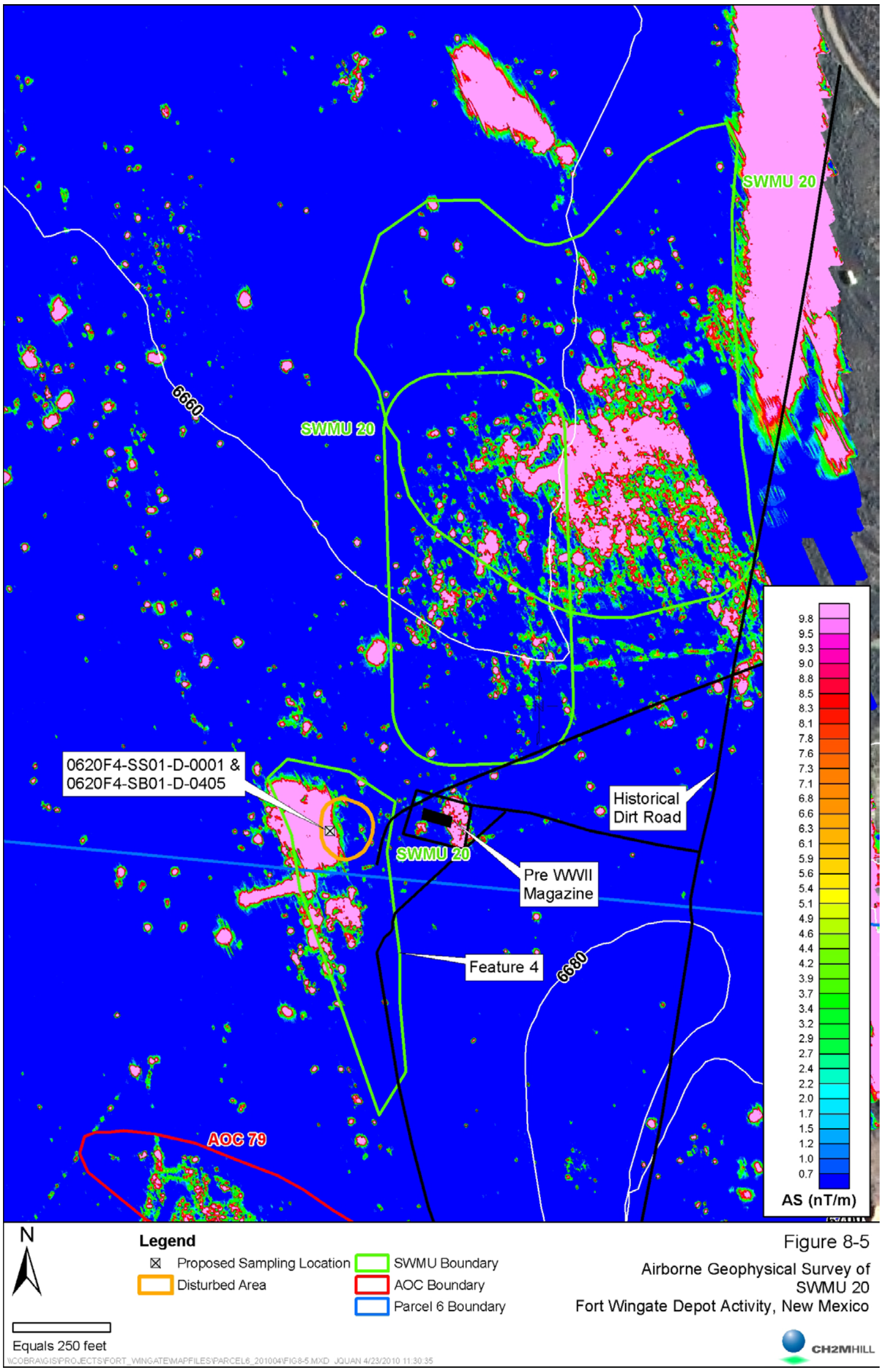

Figure 8-5
Airborne Geophysical Survey of SWMU 20
Fort Wingate Depot Activity, New Mexico

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8.3 Investigation Methods

8.3.1 Contaminant Source

The potential contaminant source associated with Feature 4 of SWMU 20 would be undocumented historical releases of hazardous substances to the surface or subsurface soils as a result of undocumented historical operations at this site.

8.3.2 Media Characterization

The presence of soil contamination at Feature 4 of SWMU 20 will be evaluated by collecting soil samples from one direct-push borehole in an area most likely to have been potentially impacted by historical operation. ~~The location of the direct-push borehole will be selected based on the results of an aerial magnetometry investigation that will be performed during the fall of 2008.~~An aerial magnetometry survey was completed in January 2009. The magnetic anomalies associated with Feature 4 are shown on Figure 8-5.Since no subsurface disturbance was indicated in the historical aerial photographs, no burial activities are believed to have occurred at Feature 4. Therefore, the soil boring location was chosen based on evidence of historical surface disturbance identified in the historical aerial photographs and the magnetic anomaly at the northern end of Feature 4. The final soil boring location will be determined during the field investigation and will be located in an area believed to represent the area most likely to have been impacted by historical operations.

8.3.3 Quality Assurance/Quality Control

The QA/QC practices specified in the project QAPP (included as Appendix C) will be followed during all sampling activities.

8.4 Scope of Activities

The following field activities will be conducted during the RFI at Feature 4 of SWMU 20:

- Installation of one soil boring using direct-push drilling methods.
- Collection and analysis of surface and subsurface soil samples.

8.4.1 Borehole Installation and Soil Sampling

Soil sampling will be conducted to evaluate the potential presence of environmental impacts from potential undocumented historical operations at Feature 4 of SWMU 20. Due to the proximity of this site to the Western Landfill, the COPCs for the Western Landfill will be investigated at Feature 4.

Field activities will include the advancement of one soil boring at the site. An approximate borehole location is shown in Figure 8-2~~1~~ although the final location will be selected ~~based on the findings from an aerial magnetometry survey that is being conducted at the SWMU 20 area as part of a separate effort in the fall of 2008~~to represent the location most likely to have been potentially impacted by historical operations at Feature 4.~~.~~ The location will be chosen during the field investigation as potential ground surface disturbances observed in the historical aerial photographs in the northern portion of Feature 4 are verified are verified on the ground surface A ~~multi-incremental~~MI surface soil sample will be collected and analyzed for explosives (EPA Method 8330B) at the boring location. All other samples will be collected as discrete samples.

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Once the location is selected, the boring will be advanced to 5 feet bgs with analytical samples collected at the 0- to 1-foot bgs and 4- to 5-feet bgs intervals. One subsurface soil boring will be advanced using a direct-push drilling method. This method will allow not only sample collection but observation and description of the soil column at each location to allow visual identification of soil staining, lithology changes, etc., and collection of field measurements with a PID.

The sampling process will be completed as follows:

1. The drilling rods and sampling sleeve will be advanced to each depth interval to recover specified samples.
2. The recovered soil cores will be geologically logged and field-screened using a PID.
3. Discrete grab soil samples will be extracted from the appropriate depth intervals and placed into appropriate sample bottles as specified in the project QAPP (Appendix C).
4. Remaining soil shall be emptied from the sampling sleeves and contained in drums for appropriate sampling and disposal.
5. At the conclusion of drilling, the borehole will be abandoned by backfilling with hydrated bentonite chips.
6. The borehole location will be identified with a survey spike that incorporates colored flagging.

Table 8-2 (provided at the end of this section) summarizes the proposed soil sampling at SWMU 20. All samples will be analyzed for explosives (EPA Method 8330B); RCRA metals (EPA Method 6010B and Method 7471A); VOCs (EPA Method 8260B); SVOCs (EPA Method 8270C); pesticides (EPA Method 8081A); and chlorinated herbicides (EPA Method 8151). All samples will be analyzed in accordance with the project QAPP (Appendix C).

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (1 of 11)

Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DA1010102	DA1020102	DA1030103	DA2010101
				1/23/96	1/23/96	1/23/96	1/24/96
				Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	Phenol	0.052	18,300	0.09	0.2	0.11	ND
Metals - EPA Method 6010	Arsenic	2.5	3.59	ND	ND	ND	**3.99**
	Cadmium	1.2	77.9	ND	ND	ND	2.72
	Copper	2.84	3,130	ND	ND	ND	15.5
	Lead	0.467	400	ND	ND	ND	36
	Zinc	3.34	23,500	ND	48.2	ND	64.3

Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DA2020101	DA2030101	DA3010101	DA3010207
				1/24/96	1/24/96	1/25/96	1/25/96
				Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	2-Methylnaphthalene	0.032	N/A	0.067	0.39	ND	ND
	Benzo(a)anthracene	0.041	4.81	0.55	ND	ND	ND
	Benzo(b)fluoranthene	0.31	4.81	1.4	ND	ND	ND
	Benzo(g,h,i)perylene	0.18	N/A	0.55	ND	ND	ND
	Benzo(k)fluoranthene	0.13	48.10	0.57	ND	ND	ND
	Chrysene	0.032	481	0.78	0.11	ND	ND
	Fluoranthene	0.032	2,290	0.28	0.058	ND	ND
	Phenanthrene	0.032	1,830	0.19	0.19	ND	ND
	Phenol	0.052	18,300	ND	ND	0.13	0.11
	Pyrene	0.083	1,720	0.5	0.16	ND	ND
Metals - EPA Method 6010	Arsenic	2.5	3.59	2.93	ND	**6.68**	ND
	Barium	3.29	15,600	ND	ND	798	ND
	Lead	0.467	400	ND	74	51	ND
	Zinc	2.34	23,500	ND	57	ND	ND

Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DA2020101	DA2030101	DA3010101	DA3010207
				1/24/96	1/24/96	1/25/96	1/25/96
				Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	2-Methylnaphthalene	0.032	N/A	0.067	0.39	ND	ND
	Benzo(a)anthracene	0.041	4.81	0.55	ND	ND	ND
	Benzo(b)fluoranthene	0.31	4.81	1.4	ND	ND	ND
	Benzo(g,h,i)perylene	0.18	N/A	0.55	ND	ND	ND
	Benzo(k)fluoranthene	0.13	48.10	0.57	ND	ND	ND
	Chrysene	0.032	481	0.78	0.11	ND	ND
	Fluoranthene	0.032	2,290	0.28	0.058	ND	ND
	Phenanthrene	0.032	1,830	0.19	0.19	ND	ND
	Phenol	0.052	18,300	ND	ND	0.13	0.11
	Pyrene	0.083	1,720	0.5	0.16	ND	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (2 of 11)

Metals - EPA Method 6010	Arsenic	2.5	3.59	2.93	ND	**6.68**	ND
	Barium	3.29	15,600	ND	ND	798	ND
	Lead	0.467	400	ND	74	51	ND
	Zinc	2.34	23,500	ND	57	ND	ND
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DA3010301	DT1030112	DT1050209	DT2010106
				1/25/96	1/12/96	1/12/96	1/16/96
				Excavation	Excavation	Excavation	Excavation
VOCs - EPA Method 8260B	Bromomethane	0.26	22.3	ND	ND	ND	0.37
SVOCs - EPA Method 8270B	Acenaphthene	0.041	3,440	ND	0.15	ND	ND
	Fluoranthene	0.032	2,290	ND	0.16	ND	ND
	Phenanthrene	0.032	1,830	ND	0.34	ND	ND
	Phenol	0.052	18,300	0.089	ND	ND	ND
	Pyrene	0.083	1,720	ND	0.17	ND	ND
Miscellaneous	Nitrite, nitrate - nonspecific	1.0	7,820	ND	ND	33	ND
Metals - EPA Method 6010	Arsenic	2.5	3.59	ND	2.92	2.95	3.49
	Barium	3.29	15,600	ND	ND	ND	703
	Iron	6.66	54,800	38,100	ND	ND	ND
	Zinc	2.34	23,500	ND	ND	ND	50
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DT2010207	DT2010506	DT2010607	DT2020104-FD
				1/16/96	1/17/96	1/17/96	1/17/96
				Excavation	Excavation	Excavation	Excavation
Miscellaneous	Nitrite, nitrate - nonspecific	1	7,820	34	ND	ND	52
Metals - EPA Method 6010	Arsenic	2.5	3.59	3.54	ND	ND	ND
	Mercury	0.05	7.71	0.0591	ND	ND	ND
	Zinc	2.34	23,500	59.3	52.3	49.4	48.8
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	Western Landfill			
				DT2020104-FD	DT2020204	DT2030102	DT3020212
				1/17/96	1/17/96	1/17/96	1/19/96
				Excavation	Excavation	Excavation	Excavation
VOCs - EPA Method 8260B	1,1,1-Trichloroethane	0.2	21,800	ND	ND	0.43	ND
	Chlorobenzene/ Monochlorobenzene	0.1	508	ND	ND	0.22	ND
SVOCs - EPA Method 8270B	Benzo(a)anthracene	0.041	4.81	ND	ND	0.081	ND
	Chrysene	0.032	481	ND	ND	0.058	ND
	Fluoranthene	0.032	2,290	ND	ND	0.12	0.065
	Phenanthrene	0.032	1,830	ND	ND	0.16	0.066
	Pyrene	0.083	1,720	ND	ND	0.14	ND
Miscellaneous	Nitrite, nitrate - nonspecific	1	7,820	58	ND	ND	31
	Zinc	2.34	23,500	50.1	ND	ND	66.4

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (3 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Western Landfill			
				DT4010106	DT4010208	DT4020107	DT4020212
				1/22/96	1/22/96	1/22/96	1/22/96
				Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	Bis(2-ethylhexyl)phthalate	0.48	280	ND	ND	ND	6.7
	Phenol	0.052	18,300	0.22	0.26	0.18	0.13
Miscellaneous	Nitrite, nitrate - nonspecific	1	7,820	42	94	68	38
Metals - EPA Method 6010	Arsenic	2.5	3.59	**5.05**	ND	**3.73**	ND
	Lead	0.467	400	ND	17	ND	ND
	Zinc	2.34	23,500	ND	63.7	52.2	ND

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Western Landfill			
				DT4020306	DT4020416	DT4040206	DT4040409
				2/15/96	2/15/96	2/16/96	2/16/96
				Excavation	Excavation	Excavation	Excavation
Miscellaneous	Nitrite, nitrate - nonspecific	1	7,820	38	ND	70	66
Metals - EPA Method 6010	Arsenic	2.5	3.59	2.93	2.71	3	ND
	Lead	0.467	400	79	ND	18.9	ND

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples								
				Site 3	Site 3	Site 3	Site 3	Site 3	Site 3	Site 3	Site 3	Site 3
				CF071-III-01/ 100401/0+0	CF072-III-02/ 100401/0+25	CF073-III-03/ 100401/0+50	CF074-III-04/ 100401/0+75	FD076-III-06/ 100401	CF076-III-05/ 100501/0+100	CF077-III-06/ 100501/0+125	CF078-III-07/ 100501/0+150	CF079-III-08/ 100501/0+175
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	3,580	6,720	4,900	3,270	4,710	3,910	5,430	6,220	3,670
	Antimony	0.12	31.3	0.19B	0.16B	0.19B	ND	ND	0.17B	0.20B	0.22B	0.18B
	Arsenic	N/A	3.59	2.0	2.4	2.3	2.1	2.0	2.3	2.1	2.2	2.0
	Barium	N/A	15,600	193	293	161	145	185	157	183	201	112
	Beryllium	N/A	156	0.36	0.63	0.56	0.39	0.41	0.41	0.48	0.57	0.37
	Cadmium	0.093	77.9	0.039B	0.051B	0.058B	0.044B	0.047B	0.036	0.073B	0.099B	0.05
	Calcium	N/A	N/A	11,900	18,000	13,400	14,000	14,500	11,000	15,900	16,600	13,500
	Chromium	N/A	219	3.1	5.5	4.2	2.7	3.5	3.3	4.4	4.9	2.9
	Cobalt	N/A	23[d]	2.7	4.2	4.1	2.4	3.5	2.8	3.6	4.0	3.0
	Copper	N/A	3,130	3.2	6.2	5.6	3.0	3.4	3.4	4.1	5.6	3.2
	Iron	N/A	54,800	6,670	9,600	8,300	6,960	7,160	7,240	7,890	8,880	9,550
	Lead	N/A	400	5.0	8.0	6.8	5.3	5.5	5.5	6.4	7.4	5.3
	Magnesium	N/A	N/A	1,590	2,780	2,100	1,490	1,850	1,660	2,370	2,660	1,610
	Manganese	N/A	10,700	234	334	279	331	304	236	298	294	317
	Mercury	N/A	7.71	0.012B	0.034B	0.025B	0.012B	0.016B	0.016B	0.018B	0.018B	0.013B
	Nickel	N/A	1,560	3.9	6.8	5.7	4.1	4.5	4.5	5.5	6.2	4.1
	Potassium	N/A	N/A	565	986	723	492	706	618	848	1050	566
	Selenium	0.13	391	0.30B	0.41B	0.33B	0.18B	0.24B	0.24B	0.31	0.35B	0.38B
	Sodium	N/A	N/A	224	1090	836	197	368	166	370	452	175
	Vanadium	N/A	391	10.8	16.0	12.2	10.0	12.3	10.9	12.2	13.7	11.7
	Zinc	N/A	23,500	13.3	21.6	19.3	12.5	14.6	14.2	18.3	23.1	14.7

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (4 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples								
				Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6
				CF106-VI-03/ 101201/0+36	CF104-VI-01/ 101201/0+11N	CF105-VI-02/ 101201/0+11S	CF111-VI-05/ 101201/0+61N	CF112-VI-06/ 101201/0+61S	CF113-VI-07/ 101201/0+86N	CF114-VI-08/ 101201/0+86S	CF115-VI-09/ 101201/0+111N	CF116-VI-10/ 101201/0+115S
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	Benzo(a)anthracene	0.380	4.81	0.038J	ND	ND	ND	ND	ND	ND	ND	0.035
	Benzo(b)fluoranthene	0.380	4.81	0.061J	ND	ND	ND	ND	ND	0.037J	ND	0.061J
	Benzo(g,h,i)perylene	0.380	N/A	ND	ND	ND	ND	ND	ND	ND	ND	0.050J
	Benzo(a)fluoranthene	0.380	48.1	ND	ND	ND	ND	ND	ND	ND	ND	0.037
	Benzo(a)pyrene	0.380	0.481	0.037J	ND	ND	ND	ND	ND	ND	ND	0.048J
	Chrysene	0.380	481	0.047J	ND	ND	ND	ND	ND	ND	ND	0.048J
	Fluoranthene	0.380	2,290	0.036J	ND	ND	ND	ND	ND	ND	ND	ND
	Pyrene	0.380	1,720	0.044J	ND	ND	ND	ND	ND	ND	ND	0.048J
Metals - EPA Method 6010	Aluminum	N/A	78,100	5,430	5,340	5,200	4,360	5,920	5,460	6,180	5,810	5,830
	Antimony	0.12	31.3	0.33B	0.51B	0.45B	0.36B	0.42B	0.53B	0.43B	0.37B	0.66B
	Arsenic	N/A	3.59	2.3	2.3	2.3	1.9	2.2	2.3	2.6	2.4	2.7
	Barium	N/A	15,600	244	194	183	188	239	208	177	194	213
	Beryllium	N/A	156	0.36	0.42	0.35	0.3	0.46	0.40	0.61	0.42	0.66
	Cadmium	0.093	77.9	ND	0.061B	ND	ND	0.029B	ND	0.028B	0.031B	0.035B
	Calcium	N/A	N/A	19,000	24,300	15,000	17,100	21,300	18,800	21,500	17,100	20,700
	Chromium	N/A	219	4.3	4.3	4.2	3.5	4.5	4.3	4.6	4.6	4.5
	Cobalt	N/A	23[d]	3.4	3.3	3.4	2.9	3.7	3.5	4.1	3.6	3.8
	Copper	N/A	3,130	4.8	5.5	4.2	3.8	5.1	5.2	6.1	6.0	6.9
	Iron	N/A	54,800	7,050	6,970	7,180	5,760	6,830	6,840	6,880	7,100	8,200
	Lead	N/A	400	6.9	10.5	6.4	5.4	7.0	8.3	7.2	9.0	8.4
	Magnesium	N/A	N/A	2,520	2,420	2,280	1,980	2,910	2,430	2,450	2,540	2,410
	Manganese	N/A	10,700	239	401	250	186	253	248	230	273	318
	Mercury	N/A	7.71	0.0096B	0.013B	0.014B	0.011B	0.0097B	0.013B	0.013B	0.0094B	0.0099B
	Nickel	N/A	1,560	5.6	5.4	5.4	4.7	6.2	5.7	6.1	6.0	6.2
	Potassium	N/A	N/A	2,050	1,730	1,550	1,430	2,070	2,010	2,160	1,990	2,080
	Sodium	N/A	N/A	98.5B	166	62.8B	113	243	102B	273	98.9B	305
	Vanadium	N/A	391	12.4	12.7	11.9	9.9	12.7	12.2	17.7	12.6	15.9
	Zinc	N/A	23,500	17.8	18.3	17.3	14.0	18.0	19.0	19.0	19.9	19.3
Chlorinated Herbicides- EPA Method 8151A	2,4-DB (Butoxon)	0.012	490[d]	0.031J	0.0027J	0.0023J	ND	0.028J	ND	ND	ND	ND
	MCPP	2.100	61[d]	ND	ND	ND	1.100J	0.930J	1.300J	1.100J	1.100J	0.830J
	2,4,5-TP (Silvex)	0.0053	490[d]	ND	ND	ND	ND	ND	ND	0.0062	0.0014J	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (5 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples								
				Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6
				CF118-VI-11/ 101501/0+136N	CF119-VI-12/ 101501/0+136S	CF120-VI-13/ 101501/0+161N	CF121-VI-14/ 101501/0+161S	FD122-08 101501	CF123-VI-15/ 101501/0+186N	CF124-VI-16/ 101501/0+186S	CF107-VI-04/ 101501/0+36S	FD108-07 101201
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	2-Methylnaphthalene	0.380	N/A	ND	ND	ND	ND	ND	ND	ND	0.039J	0.051J
	Benzo(a)anthracene	0.380	4.81	ND	ND	ND	ND	ND	ND	ND	0.084J	0.340J
	Benzo(b)fluoranthene	0.380	4.81	ND	ND	ND	ND	ND	ND	ND	0.160J	0.500
	Benzo(g,h,i)perylene	0.380	N/A	ND	ND	ND	ND	ND	ND	ND	0.097J	0.370
	Benzo(a)fluoranthene	0.380	N/A	ND	ND	ND	ND	ND	ND	ND	0.075J	0.270J
	Benzo(a)pyrene	0.380	0.48	ND	ND	ND	ND	ND	ND	ND	0.110J	0.43
	Chrysene	0.380	481	ND	ND	ND	ND	ND	ND	ND	0.110J	0.380
	Dibenzo(a,h)anthracene	0.380	N/A	ND	ND	ND	ND	ND	ND	ND	ND	0.052J
	Fluoranthene	0.380	2,290	ND	ND	ND	ND	ND	ND	ND	0.099J	0.460
	Ideno(1,2,3-CD)pyrene	0.380	4.81	ND	ND	ND	ND	ND	ND	ND	0.100J	0.390
	Phenanthrene	0.380	1,830	ND	ND	ND	ND	ND	ND	ND	0.63J	0.062J
	Pyrene	0.380	1,720	ND	ND	ND	ND	0.036J	ND	0.049J	0.120J	0.500
Pesticides - EPA Method 8081A	Beta-BHC	0.0018	2.7	ND	ND	ND	ND	0.003	ND	ND	0.0077	ND
	4,4-DDD	0.0018	20.3	ND	ND	ND	ND	ND	ND	ND	0.0052	ND
	4,4-DDT	0.0018	17.2	ND	0.0046	ND	0.0032J	0.0029J	0.0039	ND	0.0075	ND
	Endrin	0.0035	18.3	ND	ND	ND	ND	ND	ND	ND	0.0024J	ND
	Heptachlor	0.0018	0.871	ND	ND	ND	ND	ND	ND	ND	0.0029	ND
Chlorinated Herbicides- EPA Method 8151A	2,4-DB (Butoxon)	0.012	490[d]	ND	ND	ND	ND	ND	ND	ND	0.0034J	0.0038J
	Dichloroprop	0.013	N/A	ND	ND	ND	ND	0.0014J	ND	ND	0.00069J	ND
	MCPP	2.100	61[d]	ND	ND	ND	ND	ND	ND	ND	0.260J	ND
	MCPA	1.700	31[d]	ND	ND	0.096J	ND	ND	ND	ND	0.270J	ND
	2,4,5-T	0.0055	610[d]	0.0025J	0.0027J	0.0029J	0.0036J	0.003J	0.0028J	0.002J	0.0027J	ND

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples								
				Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6
				CF118-VI-11/ 101501/0+136N	CF119-VI-12/ 101501/0+136S	CF120-VI-13/ 101501/0+161N	CF121-VI-14/ 101501/0+161S	FD122-08 101501	CF123-VI-15/ 101501/0+186N	CF124-VI-16/ 101501/0+186S	CF107-VI-04/ 101501/0+36S	FD108-07 101201
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	5,990	5,490	5,890	6,420	6,110	5,110	6,060	6,210	4,690
	Antimony	0.12	31.3	0.15B	0.23B	0.18B	0.22B	0.20B	0.17B	0.28B	0.48B	0.48B
	Arsenic	N/A	3.59	2.1	2.7	2.1	2.4	2.4	2.0	2.4	2.2	2.3
	Barium	N/A	15,600	235	227	190	329	295	273	208	187	190
	Beryllium	N/A	156	0.47	0.46	0.43	0.49	0.47	0.37	0.5	0.75	0.42
	Cadmium	0.093	77.9	0.089B	0.089B	0.059B	0.070B	0.076B	0.055B	0.076B	0.11B	0.038B
	Calcium	N/A	N/A	19,900	19,400	13,800	22,500	20,300	20,500	18,000	19,700	21,300
	Chromium	N/A	219	4.6	4.5	4.6	4.9	4.7	4.0	4.7	4.9	3.7
	Cobalt	N/A	23[d]	3.8	3.6	3.4	4.1	4.1	3.3	3.6	3.6	3.2

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (6 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples								
				Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 6
				CF118-VI-11/ 101501/0+136N	CF119-VI-12/ 101501/0+136S	CF120-VI-13/ 101501/0+161N	CF121-VI-14/ 101501/0+161S	FD122-08 101501	CF123-VI-15/ 101501/0+186N	CF124-VI-16/ 101501/0+186S	CF107-VI-04/ 101501/0+36S	FD108-07 101201
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
	Cobalt	N/A	23[d]	3.8	3.6	3.4	4.1	4.1	3.3	3.6	3.6	3.2
	Copper	N/A	3,130	5.1	5.2	4.8	5.3	5.2	4.1	5.6	7.2	5.4
	Iron	N/A	54,800	7,620	8,100	7,860	8,170	8,200	6,800	7,790	7,210	6,170
	Lead	N/A	400	7.6	11.8	7.8	7.7	7.4	6.4	8.0	11.4	8.7
	Magnesium	N/A	N/A	2,640	2,480	2,490	3,020	2,810	2,510	2,540	2,540	2,080
	Manganese	N/A	10,700	253	258	251	263	296	236	254	237	256
	Mercury	N/A	7.71	0.013B	0.012B	0.011B	0.015B	0.013B	0.0097B	0.012B	0.0099B	0.014B
	Nickel	N/A	1,560	5.8	6.0	5.6	6.4	6.2	5.0	5.9	5.6	4.7
	Potassium	N/A	N/A	1,820	1,710	1,980	2,260	2,110	1,660	1,860	1,890	1,720
	Selenium	0.13	391	0.11B	0.18B	0.22B	0.21B	0.12B	ND	0.24B	0.35B	ND
	Sodium	N/A	N/A	142	206	59.7B	212	170	71.5B	149	221	213
	Vanadium	N/A	391	14.4	13.9	13.5	14.1	14.3	12.5	14.7	15.1	12.2
	Zinc	N/A	23,500	18.7	20.8	19.7	20.2	19.5	15.4	19.4	20.1	15.9

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples						
				Site 1	Site 1	Site 1	Site 1	Site 1	Site 1	Site 1
				CF040-I-01/ 082301/0+4	CF041-I-02/ 082301/0+29	CF042-I-03/ 082301/0+54	CF043-I-04/ 082301/0+79	CF047-I-05/ 082301/0+104	CF048-I-05/ 082301/0+129	FD044-04/ 82301
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	5,610	6,480	4,710	7,480	6,360	4,330	6,890
	Antimony	0.12	31.3	ND	ND	ND	0.17B	0.17	0.13B	0.20B
	Arsenic	N/A	3.59	1.8	1.8	1.7	2.2	2.3	1.6	2.1
	Barium	N/A	15,600	216	244	292	255	219	218	255
	Beryllium	N/A	156	0.48	0.55	0.43	0.70	0.67	0.45	0.63
	Cadmium	0.093	77.9	0.068B	0.052B	0.069B	0.073B	0.22B	ND	0.066B
	Calcium	N/A	N/A	19,700	17,900	13,900	18,600	20,900	13,300	19,400
	Chromium	N/A	219	3.5	3.8	3	4.7	4.9	3.0	4.7
	Cobalt	N/A	23[d]	3.4	3.7	3.2	4.8	4.1	2.9	4.1
	Copper	N/A	3,130	5.4	5.5	5.1	7.6	6.7	3.6	6.8
	Iron	N/A	54,800	4,950	5,330	4,850	6,530	5,660	4,300	6,060
	Lead	N/A	400	6.9	6.6	5.8	8.3	8.2	5.2	8.3
	Magnesium	N/A	N/A	2,520	2,790	2,050	3,150	4,970	1,950	3,000
	Manganese	N/A	10,700	270	291	229	316	315	232	313
	Mercury	N/A	7.71	0.013B	0.016B	0.017B	0.036B	0.026B	0.12B	0.020B
	Nickel	N/A	1,560	5.1	5.7	4.8	6.8	6.3	4.2	6.5
	Potassium	N/A	N/A	1,330	1,160	828	1,470	1,400	943	1,400
	Selenium	0.13	391	ND	0.14B	0.15B	ND	0.39B	0.29B	0.24B
	Sodium	N/A	N/A	260	210	152	284	430	198	279
	Vanadium	N/A	391	11.1	11.8	10.4	13.6	12.4	10.3	12.8
	Zinc	N/A	23,500	32.7	20.5	22.4	29.6	32.5	19.0	32.6
Chlorinated Herbicides- EPA Method 8151A	2,4-DB (Butoxon)	0.012	490[d]	ND	ND	0.00079J	ND	ND	ND	ND
	Dichloroprop	0.0012	N/A	ND	ND	ND	0.0074J	ND	ND	ND
	MCPP	2.100	61[d]	ND	ND	0.69J	ND	ND	ND	1.8J

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (7 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples					
				Site 2	Site 2	Site 2	Site 2	Site 2	Site 2
				CF080-II-01/ 100501/0+6 101101	CF081-II-02/ 100501/0+31 101101	FD083-06/ 100501 101101	CF082-II-03/ 100501/0+56	CF087-II-04/ 100501/0+81	CF088-II-05/ 100501/0+106
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	10,200	5,710	8,650	8,970	11,000	8,030
	Antimony	0	31.3	0.17B	0.20B	0.18B	ND	0.29B	0.25B
	Arsenic	N/A	3.59	2.7	2.1	2.6	3.4	3.2	2.3
	Barium	N/A	15,600	266	198	270	140	345	246
	Beryllium	N/A	156	0.80	0.52	0.69	0.82	0.90	0.65
	Cadmium	0	77.9	0.092	0.053B	0.077B	0.12B	0.11B	0.082B
	Calcium	N/A	N/A	19,400	14,400	17,800	27,200	23,900	18,500
	Chromium	N/A	219	7.6	4.5	6.5	7.2	8.6	6.1
	Cobalt	N/A	23[d]	5.4	3.7	4.7	6.1	6.2	4.3
	Copper	N/A	3,130	7.8	4.6	6.5	10.3	10.5	6.4
	Iron	N/A	54,800	12,000	8,380	10,500	12,400	13,700	10,100
	Lead	N/A	400	9.6	6.5	8.5	10.4	11.2	8.3
	Magnesium	N/A	N/A	4,020	2,510	3,630	3,750	4,200	3,400
	Manganese	N/A	10,700	380	274	320	351	354	322
	Mercury	N/A	7.71	0.020B	0.017B	0.018B	0.032B	0.041B	0.027B
	Nickel	N/A	1,560	8.7	5.6	7.7	8.8	9.5	7.2
	Potassium	N/A	N/A	1,780	1,020	1,800	1,790	2,230	1,550
	Selenium	0	391	0.36B	0.25B	0.39B	0.33B	0.56B	0.51B
	Sodium	N/A	N/A	486	189	224	300	466	387
	Vanadium	N/A	391	19.5	13.0	16.8	19.2	21.4	16.2
	Zinc	N/A	23,500	27.6	17.4	24.2	30.9	34.7	22.4
Chlorinated Herbicides- EPA Method 8151A	2,4-D	0	690[d]	ND	ND	ND	ND	ND	0.0015J
	2,4-DB (Butoxon)	0	490[d]	ND	0.015	ND	ND	0.013	ND
	Dichloroprop	0	N/A	ND	0.0037	ND	ND	ND	ND
	MCPP	2	61[d]	ND	ND	ND	ND	1.9J	1.5J
	2,4,5-T	0	610[d]	ND	ND	0.0014JB	ND	ND	ND

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Confirmation Samples					
				Site 5	Site 5	Site 5	Site 7	Site 7	Site 7
				CF066-V-01/ 082301/0+10	CF06-V-02/ 082301/0+35	CF067-V-03/ 082301/0+60	CF091-VII-01/ 100401/0+10	CF092-VII-02/ 100401/0+35	CF093-VII-03/ 100401/0+60
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
VOCs - EPA Method 8260B	Toluene	0.004	5,570	ND	0.05	ND	ND	ND	ND
Metals - EPA Method 6010	Aluminum	N/A	78,100	3,050	3,680	5,120	6,830	4,440	3,770
	Antimony	0.12	31.3	0.18B	0.15B	0.15B	0.18B	0.20B	ND
	Arsenic	N/A	3.59	1.3	1.1	1.6	1.9	1.6	1.8
	Barium	N/A	15,600	230	213	277	201	153	152
	Beryllium	N/A	156	0.28	0.31	0.46	0.53	0.36	0.33
	Cadmium	0.093	77.9	0.069B	0.035B	0.073B	0.058B	ND	0.095B
	Calcium	N/A	N/A	33,100	18,100	22,400	18,400	18,300	35,900
	Chromium	N/A	219	1.9	2.2	3.0	5.6	5.5	3.4
	Cobalt	N/A	23[d]	2.0	2.2	3.3	3.7	2.5	2.2
	Copper	N/A	3,130	2.7	3.0	4.5	5.1	3.5	3.3
	Iron	N/A	54,800	3,590	3,150	4,800	8,100	6,300	6,210
	Lead	N/A	400	4.4	4.4	6.1	7.0	5.7	5.1
	Magnesium	N/A	N/A	1,560	1,830	2,310	2,840	1,900	1,790
	Manganese	N/A	10,700	353	240	340	307	253	365
	Mercury	N/A	7.71	0.0079B	0.0084B	0.0095B	0.014B	0.014B	0.013B
	Nickel	N/A	1,560	2.9	3.4	4.8	6.2	4.1	3.8
	Potassium	N/A	N/A	1,070	1,200	1,460	1,070	909	1,190
	Selenium	0.13	391	0.16B	0.20B	0.095B	0.27B	ND	0.12B
	Sodium	N/A	N/A	75.5B	105	160	196	95.5B	266
	Vanadium	N/A	391	8.4	7.5	11.7	14.1	11.8	10.0
	Zinc	N/A	23,500	11.5	11.7	17.7	18.7	17.5	12.1
Chlorinated Herbicides- EPA Method 8151A	2,4-D	0.0065	690[d]	ND	ND	ND	0.0016J	ND	ND
	Dichloroprop	0.013	N/A	ND	ND	ND	ND	ND	0.0028J
	2,4,5-T	0.0055	610[d]	ND	ND	ND	0.003J	0.0037J	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (8 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Excavation Derived Waste Samples						
				Site 1	Site 1	Site 1	Site 1	Site 1	Site 1	Site 2
				EDW012-I-3/ 062001/0-100	EDW016-I-04/ 062101/100-200	FD 015 02 062101	EDW033-I-05/ 022701/200-800	EDW034-I-05/ 072601/800-1200	EDW035-I-07/ 072601/1200-200	EDW049-II-01/ 080901/0-250
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
VOCs - EPA Method 8260B	Methylene Chloride	0.008	199	ND	ND	ND	0.041	0.027	ND	ND
SVOCs - EPA Method 8270B	Acenaphthene	0.380	3,440	ND	0.17J	0.08J	0.24J	ND	0.071J	ND
	Anthracene	0.380	1,720	ND	0.430	0.073J	0.78	ND	0.14J	ND
	Benzo(a)anthracene	0.380	4.81	0.096J	0.67	0.13J	0.90	0.10J	0.20J	ND
	Benzo(b)fluoranthene	0.380	4.81	ND	0.37	0.11J	0.86	0.16J	0.17J	ND
	Benzo(g,h,i)perylene	0.380	N/A	ND	ND	0.074J	0.31J	0.11J	0.056J	ND
	Benzo(a)fluoranthene	0.380	N/A	ND	0.34J	0.087J	0.31J	0.11J	0.075J	ND
	Benzo(a)pyrene	0.380	0.481	ND	0.32J	0.082J	**0.68J**	0.13J	0.096J	ND
	Bis(2-ethylhexyl)phthalate	0.380	280	ND	ND	ND	0.18J	ND	ND	ND
	Carbazole	0.380	N/A	ND	0.13J	0.037J	0.26J	ND	ND	ND
	Chrysene	0.380	481	0.140J	0.79	0.16J	0.87	0.15J	0.23J	ND
	Dibenzo(a,h)anthracene	0.380	N/A	ND	0.058J	ND	0.0098J	ND	ND	ND
	Dibenzofuran	0.380	78[d]	ND	0.12J	0.052J	0.25J	ND	0.043J	ND
	Di-n-butyl Phthalate	0.380	6,110	ND	0.026J	ND	ND	ND	ND	ND
	Fluoranthene	0.380	2,290	0.25J	2.5B	0.39B	2.0	0.229J	0.8	ND
	Fluorene	0.380	2,290	ND	0.21	0.081J	0.34J	ND	0.081J	ND
	Ideno(1,2,3-CD)pyrene	0.380	4.81	ND	0.22J	0.083J	0.42J	0.12J	0.065J	ND
	Naphthalene	0.380	45	ND	ND	ND	0.19J	ND	ND	ND
	Phenanthrene	0.380	1,830	0.17J	1.1B	0.4B	2.7	0.13J	0.65	ND
	Pyrene	0.380	1,720	0.35J	2.4B	0.36JB	2.1	0.35J	0.73	ND
TRPH- EPA Method 418.1	Total Petroleum Hydrocarbons	N/A	N/A	254	78	83	243	111	147	10.1B
Pesticides - EPA Method 8081A	Delta-BHC	0.0018	N/A	ND	ND	ND	0.0029	ND	ND	ND
	Gamma-BHC	0.0018	4.64	ND	ND	ND	ND	ND	0.0045	ND
	4,4-DDD	0.0018	16.3	ND	ND	ND	ND	0.0043	ND	ND
	4,4-DDE	0.0018	11.5	ND	ND	ND	ND	ND	0.0073	ND
	4,4-DDT	0.0018	15.8	ND	ND	ND	0.02	0.022	ND	ND
	Endosulfan I	0.0037	367	ND	ND	ND	ND	ND	0.0047	ND
	Endosulfan Sulfate	0.0037	N/A	ND	ND	ND	0.0055	0.0054	ND	ND
	Endrin Aldehyde	0.0037	N/A	ND	ND	ND	ND	ND	0.008	ND
	Methoxychlor	0.0018	310[d]	ND	ND	ND	0.0075J	0.018J	ND	ND
	Endrin Ketone	0.0037	N/A	ND	ND	ND	0.00085J	ND	0.011	ND
	Heptachlor	0.0018	0.871	ND	ND	ND	ND	ND	0.0074	ND
Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Excavation Derived Waste Samples						
				Site 1	Site 1	Site 1	Site 1	Site 1	Site 1	Site 2
				EDW012-I-3/ 062001/0-100	EDW016-I-04/ 062101/100-200	FD 015 02 062101	EDW033-I-05/ 022701/200-800	EDW034-I-05/ 072601/800-1200	EDW035-I-07/ 072601/1200-200	EDW049-II-01/ 080901/0-250
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Arsenic	N/A	3.59	2.4	2.3	2.7	1.9	1.8	1.7	1.8
	Barium	N/A	15,600	204	205	239	232	215	196	179
	Cadmium	0.093	77.9	0.21B	0.12B	0.20B	0.51	0.38	0.34	0.24B
	Chromium	N/A	219	9.9	7.8	8.2	8.1E	5.4E	4.2	3.1E
	Lead	N/A	400	17.4	14.5	24.0	18.1	20.2E	16.7	20.3E
	Mercury	N/A	7.71	0.021B	0.015B	0.012B	0.12	0.017B	0.029B	0.014B
	Selenium	0.13	391	0.24B	0.19B	0.23B	ND	ND	ND	ND
PCBs- EPA Method 8082	Aroclor 1016	0.035	3.93	ND	0.068	0.054	ND	ND	0.19	ND
	Aroclor 1260	0.035	1.70	0.015J	ND	ND	0.02J	ND	ND	ND
Chlorinated Herbicides- EPA Method 8151A	2,4-DB (Butoxon)	0.012	490[d]	NA	NA	NA	0.031	ND	0.012	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (9 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Excavation Derived Waste Samples							
				Site 3	Site 3	Site 3	Site 3	Site 3	Site 3	Site 3	Site 3
				EDW057-III-01/ 080901/0-250	EDW058-III-02/ 080901/250-500	EDW06-III-03/ 080901/500-750	EDW064-III-04/ 082101/750-1000	EDW065-III-05/ 082101/1000-1250	EDW066-III-06/ 091001/1250-1500	EDW067-III-07/ 091001/1500-1750	EDW068-III-08/ 091001/1750-2000
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	2,4-Dinitrotoluene	0.380	12.6	1.12	ND	ND	ND	ND	ND	ND	ND
	2,6-Dinitrotoluene	0.380	61.2	0.053J	ND	ND	ND	ND	ND	ND	ND
	n-Nitrosodiphenylamine	0.380	800	0.041J	ND	ND	ND	ND	ND	ND	ND
TRPH- EPA Method 418.1	Total Petroleum Hydrocarbons	N/A	N/A	8.6B	12.9	15.7	17.7	31.3	51.2	26.9	24.3
Metals - EPA Method 6010	Arsenic	N/A	3.59	1.9	1.8	2.0	2.1	2.0	2.0	1.9	2.1
	Barium	N/A	15,600	191	165	193	233E	223	234	219	227
	Cadmium	0.093	77.9	0.24B	0.24B	0.23B	0.73	ND	ND	ND	ND
	Chromium	N/A	219	3.5	2.7E	3.0E	4.5E	5.3E	5.6E	4.9E	5.1E
	Lead	N/A	400	6.9E	19.6E	6.6E	8.3E	7.5E	8.0E	7E	7.4E
	Mercury	N/A	7.71	ND	0.024B	0.019B	0.018B	0.033B	0.023B	0.025B	0.027B
	Selenium	0.13	391	ND	ND	ND	0.59B	0.29B	ND	0.17B	0.17B
	Silver	0.085	391	ND	ND	ND	0.24B	ND	ND	ND	ND
Pesticides - EPA Method 8081A	4,4-DDT	0.0018	15.8	ND	ND	ND	ND	ND	0.0041	ND	0.021
Chlorinated Herbicides- EPA Method 8151A	2,4-D	0.0065	690[d]	ND	ND	ND	0.028	0.0026J	0.003J	ND	0.0029J
	2,4-DB (Butoxon)	0.012	490[d]	ND	ND	ND	0.011J	ND	ND	ND	ND
	Dicamba	0.0053	1,800[d]	ND	ND	ND	0.0059J	ND	ND	ND	ND
	Dichloroprop	0.013	N/A	ND	ND	ND	ND	0.0052J	0.0085J	0.008J	0.0085J
	MCPA	1.700	31[d]	ND	ND	ND	ND	0.200J	0.240J	ND	ND

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Excavation Derived Waste Samples							
				Site 4	Site 4	Site 4	Site 4	Site 4	Site 4	Site 5	Site 5
				EDW022-IV-01/ 062601/0-100	EDW023-IV-02/ 062601/100-200	EDW036-IV-03/ 072601/200-400	EDW037-IV-04/ 072601/400-800	EDW038-IV-05/ 072701/800-1500	EDW039-IV-06/ 072701/1500-2500	EDW062-V-01/ 0801/0-300	EDW063-V-02/ 0801/301-600
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
VOCs - EPA Method 8260B	Methylene Chloride	0.008	199	ND	ND	0.025	0.038	0.017	ND	ND	ND
SVOCs - EPA Method 8270B	Benzo(g,h,i)perylene	0.380	N/A	ND	ND	ND	ND	ND	0.037J	ND	ND
	Fluoranthene	0.380	2,290	ND	ND	ND	ND	0.07J	ND	ND	ND
	Pyrene	0.380	1,720	ND	ND	ND	ND	0.076J	0.04J	ND	ND
TRPH- EPA Method 418.1	Total Petroleum Hydrocarbons	N/A	N/A	41.6	33.7	12.5	25.5	27.1	198	30.8	23.0
Metals - EPA Method 6010	Arsenic	N/A	3.59	2.6	2.8	**4.0**	**4.7**	**9.7**	**9.9**	2.3	2.6
	Barium	N/A	15,600	217E	244	239	194	208	198	261E	278E
	Cadmium	0.093	77.9	0.33B	0.026B	0.41	0.40	0.45	0.29	0.41	0.47
	Chromium	N/A	219	7.6E	8.7	6.0E	4.5E	6.9E	4.8E	5.6	5.2E
	Lead	N/A	400	8.5E	9.5E	8.5E	9.1E	37.8E	7.3E	8.9E	9.9E
	Mercury	N/A	7.71	ND	0.012B	0.016B	0.018B	0.037	0.015B	0.0085B	0.0090B
	Selenium	0.13	391	ND	0.23B	ND	ND	ND	ND	ND	ND
Pesticides - EPA Method 8081A	4,4-DDT	0.0018	15.8	ND	ND	ND	ND	0.01	0.0038	0.0085	0.01
PCBs- EPA Method 8082	Aroclor 1260	N/A	1.70	ND	ND	ND	ND	0.032	ND	ND	ND
Chlorinated Herbicides- EPAMethod 8151A	2,4-D	0.0065	690[d]	0.019	ND	0.015	ND	0.013	0.013	ND	0.0034J
	Dalapon	0.011	2,400[d]	ND	ND	ND	ND	ND	ND	0.046	ND
	Dicamba	0.0053	1,800[d]	ND	0.0031J	ND	ND	ND	0.0054J	ND	ND
	Dichloroprop	0.013	N/A	0.003J	0.0045J	0.0046J	0.0069J	0.0061J	0.0072J	ND	0.0052J
	MCPP	2.100	61[d]	ND	ND	ND	ND	ND	1.4J	8	ND
	2,4,5-T	0.0055	610[d]	ND	ND	0.0048J	ND	ND	ND	ND	0.0032J
	2,4,5-TP (Silvex)	0.0053	490[d]	0.0016J	0.0013J	ND	0.003J	ND	0.0028	ND	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (10 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Excavation Derived Waste Samples							
				Site 6	Site 6	Site 6	Site 6	Site 6	Site 6	Site 7	Site 7
				EDW097-VI-01/ 100901/0-250	EDW098-VI-02/ 101001/250-500	EDW099-VI-03/ 101001/500-750	EDW100-VI-04/ 101001/450-1000	EDW125-VI-05/ 101501/1000-1250	EDW126-VI-06/ 101501/1250-1500	EDW089-VII-01/ 100401/0-250	EDW090-VII-02/ 100401/250-500
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
SVOCs - EPA Method 8270B	Benzo(a)anthracene	0.380	4.81	ND	ND	ND	0.037J	ND	ND	ND	ND
	Benzo(b)fluoranthene	0.380	4.81	ND	ND	ND	0.071J	ND	ND	ND	ND
	Benzo(a)pyrene	0.380	0.481	ND	ND	ND	0.041J	ND	ND	ND	ND
	Chrysene	0.380	481	ND	ND	ND	0.052J	ND	ND	ND	ND
	Fluoranthene	0.380	2,290	ND	ND	ND	0.052J	ND	0.048J	ND	ND
	Phenanthrene	0.380	1,830	ND	ND	ND	0.041J	ND	ND	ND	ND
	Pyrene	0.380	1,720	ND	ND	ND	0.063J	ND	0.047J	ND	ND
TRPH- EPA Method 418.1	Total Petroleum Hydrocarbons	N/A	N/A	91.7	78.5	82.3	87.5	45.5	105	25.7	17.2
Metals - EPA Method 6010	Arsenic	N/A	3.59	2.3	2.3	2.3	2.4	2.4	2.2	1.13	1.3
	Barium	N/A	15,600	239	218	210	232	210	203	207	486
	Cadmium	0.093	77.9	ND	ND	ND	ND	0.12B	0.110B	ND	ND
	Chromium	N/A	219	4.5	4.9	4.6	4.3	4.9	4.8	7.3	3.8
	Lead	N/A	400	11.6	8.7	9.4	10	8.9	8.4	7.7	4.0
	Mercury	N/A	7.71	0.013B	0.015B	0.014B	0.026B	0.010B	0.012B	ND	ND
	Selenium	0.13	391	ND	ND	ND	ND	0.30B	0.27B	ND	ND
Pesticides - EPA Method 8081A	Beta-BHC	0.0018	2.18	ND	ND	ND	0.0028	ND	ND	ND	ND
	4,4-DDT	0.0018	15.8	ND	ND	ND	ND	0.0037	0.0035	ND	ND
Chlorinated Herbicides- EPA 8151A	2,4-D	0.0065	690[d]	ND	ND	ND	ND	0.0028J	ND	ND	ND
	Dichloroprop	0.013	N/A	ND	ND	ND	ND	0.0026J	ND	ND	ND
	2,4,5-T	0.0055	610[d]	0.0046J	0.0059	ND	0.013	0.0014J	0.0019J	ND	ND
	2,4,5-TP (Silvex)	0.0053	490[d]	ND	ND	0.00066J	ND	0.00057J	ND	ND	ND

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Excavation Derived Waste Samples		
				Cell #1	Cell #1	Cell #2
				EDW021-02/ 070501/TKN1	EDW020-01/ 062001	EDW094-II-03/ 100401
				Excavation	Excavation	Excavation
Explosives- EPA Method 8330	HMX	0.320	3,060	ND	4.5	ND
	2,4,6-Trinitrotoluene	0.320	35.9	ND	6.2	ND
	RDX	0.320	35.6	ND	10.0	ND
TRPH- EPA Method 418.1	Total Petroleum Hydrocarbons	N/A	N/A	55	NA	9.84
Metals - EPA Method 6010	Arsenic	N/A	3.59	2.7	NA	0.007B
	Barium	N/A	15,600	303	NA	0.317
	Cadmium	N/A	77.9	0.22B	NA	0.00044B
	Chromium	N/A	219	9.0	NA	0.0018B
	Lead	N/A	400	14.9	NA	0.0097B
	Mercury	N/A	7.71	0.020B	NA	ND
	Selenium	N/A	391	0.20B	NA	ND

Table 8-1 Summary of Reportable Concentrations for Soil Analyses Completed at SWMU 20, Western Landfill, Fort Wingate Depot Activity (11 of 11)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Borrow Material Samples					
				BM001-01	BM002-02	BM003-03	BM004-04	BM005-05	BM006-06
				53101 70501	53101 70501	53101 70501	53101 70501	53101 70501	53101 70501
				Excavation	Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	2,290E	2,890E	2,550E	2,620E	2,540E	2,540E
	Arsenic	N/A	3.59	0.56B	0.66B	0.56B	0.59B	0.51B	0.49B
	Barium	N/A	15,600	35.1	49.8	50.9	44.7	34.0	42.6
	Beryllium	N/A	156	0.10B	0.11B	0.092B	0.083B	0.069	0.081B
	Calcium	N/A	N/A	9,890	10,900	9,370	9,290	8,940	8,960
	Chromium	N/A	219	1.4	1.7	1.5	1.4	1.3	1.4
	Cobalt	N/A	1,520	1.0	1.1	1.1	1.0	0.89	0.9
	Copper	N/A	3,130	1.2	1.4	1.4	1.3	1.1	1.3
	Iron	N/A	54,800	2,640	3,450	3,100	2,910	2,710	2,780
	Lead	N/A	400	2.2	2.5	2.4	2.2	2.1	2.1
	Magnesium	N/A	N/A	1,060	1,300	1,130	1,120	1,060	1,100
	Manganese	N/A	10,700	124	144	127	121	115	119
	Nickel	N/A	1,560	1.1	1.4	1.2	1.2	1.1	1.1
	Potassium	N/A	N/A	390	541	472	463	443	473
	Sodium	N/A	N/A	22.2E	30.4E	28.6E	27.3B	26.0B	27.7B
	Vanadium	N/A	391	5.8	7.8	6.9	6.5	6.3	6.1
	Zinc	N/A	23,500	6.3	7.9	7.1	6.7	6.1	6.6

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	Borrow Material Samples				
				BM059-07	BM060-08	BM069-09	BM070-10	BM103-11
				80901	80901	9201	9201	100901
				Excavation	Excavation	Excavation	Excavation	Excavation
Metals - EPA Method 6010	Aluminum	N/A	78,100	2,660E	1,400E	2,020	2,350	1,590
	Antimony	0.12	31.3	0.14B	0.20B	0.18B	0.22B	0.37B
	Arsenic	N/A	3.59	1.0B	0.57B	0.77B	0.89B	0.92B
	Barium	N/A	15,600	80.3	46.4	61.4	70.7E	54.7
	Beryllium	N/A	156	0.20B	0.11B	0.16B	0.19B	0.097B
	Cadmium	0.093	77.9	0.13B	0.071B	0.084B	0.058B	ND
	Calcium	N/A	N/A	19,300	11,300E	10,200E	12,000E	10,900
	Chromium	N/A	219	1.3E	0.74E	2.2E	2.1E	1.2
	Cobalt	N/A	1,520	1.6E	0.87E	1.3	1.2	1.0
	Copper	N/A	3,130	2.8E	1.3E	1.7	1.9	1.2
	Iron	N/A	54,800	3,210E	1,840E	3,480E	3,750E	2,910
	Lead	N/A	400	3.1E	1.8E	2.7	3.2	2.2
	Magnesium	N/A	N/A	1,470E	792E	1,150E	1,150E	846
	Manganese	N/A	10,700	193E	135E	131E	141E	175
	Mercury	N/A	7.71	0.0033B	0.0042B	0.019B	0.018B	0.0036B
	Nickel	N/A	1,560	1.6E	0.90B	2.9E	1.3E	1.1
	Potassium	N/A	N/A	513	276E	470E	557E	351
	Selenium	0.13	391	ND	ND	0.23B	0.32B	ND
	Sodium	N/A	N/A	53.4B	48.9B	13.0BE	21.8BE	30.0B
	Vanadium	N/A	391	7.8E	4.9E	8.3E	9.1E	7.6
	Zinc	N/A	23,500	9.5E	5.2E	7.7E	8.6E	6.5

[a] Data referenced from ERM, 1997 and USACE, 2005.
[b] Column provides the Reporting Limit (RL) given within the report that data was originally presented, where available.
[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009. Concentrations exceeding SSLs are shown in **bold**.
[d] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.
Positive detections of organic compounds are shaded.
Sample depths are not available for this data set.
N/A – not applicable ND – not detected NA – not analyzed FD – field duplicate
J – estimated value below RL B – reported value less than reporting limit but greater than MDL E – value is estimated due to presence of an interference

Table 8-2 Proposed RCRA Facility Investigation Sampling and Analyses at SWMU 20, Fort Wingate Depot Activity

					Explosives	VOCs	SVOCs	Pesticides	Herbicides	Metals
Method					8330B	8260B	8270C	8081A	8151	SW6010B and SW7471A
Specific Analyses Requested					Explosives	Volatile Organic Compounds	Semi-Volatile Organic Compounds	Pesticides	Chlorinated Herbicides	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment						
0620F4-SS01-D-0001	SB01	0-1	Discrete*	MS/MSD	X	X	X	X	X	X
0620F4-SS01-D-0001-DUP	SB01	0-1	Discrete Dup		X	X	X	X	X	X
0620F4-SB01-D-0405	SB01	4-5	Discrete		X	X	X	X	X	X
0620F4-TB01-D	SB01	N/A	Discrete	Trip Blank		X				
0620F4-EB01-D	SB01	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)	X (rinsate)
Total Normal Samples					2	2	2	2	2	2
Total Duplicates					1	1	1	1	1	1
Total Equipment Blanks (Rinsate water sample)					1	1	1	1	1	1
Total Trip Blanks					0	1	0	0	0	0
Total MS/MSD Samples (lab counts each separately)					1	1	1	1	1	1
Total Soil Samples					5	5	5	5	5	5
Total Water Samples					1	2	1	1	1	1
Total Analyses					6	7	6	6	6	6

Notes

bgs = below ground surface
Discrete = discrete location sample
Dup = duplicate sample
Lab QC = Matrix spike/matrix spike duplicate sample set which will be **triple the normal sample volume**
* = Surface soil samples will muliti-incremental samples for explosives and discrete samples for all other constituents
N/A = not applicable

Photograph 8-1 Western Landfill, facing west, Fort Wingate Depot Activity

Photograph 8-2 Western Landfill excavation, facing north, Fort Wingate Depot Activity

Photograph 8-3 Western Landfill debris, Fort Wingate Depot Activity

Photograph 8-4 Western Landfill debris, Fort Wingate Depot Activity

Photograph 8-5 Western Landfill completed excavation, facing northwest, Fort Wingate Depot Activity

Photograph 8-6 Western Landfill completed excavation area, facing north, Fort Wingate Depot Activity

9.0 AOC 28: Igloo Block B

9.1 Background

9.1.1 Location, Description, and Operational History

Igloo Block B is located in the southwest portion of Parcel 6 (Figures 9-1 and 9-2). Photographs 9-1 through 9-4, which are provided at the end of this section, show various views of AOC 28. It is one of several igloo block areas at the FWDA installation previously used for the storage of munitions beginning in the early 1940s. Igloo Block B consists of 100 igloo structures and 55 revetments (earthen embankment structures). The igloos were constructed in 1941 each with approximately 1,610 square feet of net interior area with reinforced concrete floors (FWDA, 1961). The igloos are constructed on a flat concrete foundation measuring 62 feet by 25 feet by approximately 13 feet tall and are constructed of brick, poured-in-place concrete, sheet metal, and earthen fill cover (USACE, 2000). Igloo Block B was specifically used to store 8-inch projectiles, propellant charges, cluster bombs (CBUs), which were transferred to the igloos after being transported to the site by rail (USACE, 2000). Bulk explosives or chemical weapons were not stored in Igloo Block B (USACE, 2000).

Munitions were stored in wooden ammunition boxes containing multiple metal containers. A minimum of three protective layers were used for storing munitions components, and extreme caution was used during handling and storage. No records were available indicating or suggesting the storage of chemical agents, biological agents, or radiological materials. No evidence was available to indicate previous environmental releases at AOC 28. However, 40 years of munitions storage provided the potential for dust from stored explosives to accumulate in the interiors of the igloos and around the floor drains (USACE, 2000). No specific date was identified for the end of munitions storage in the available historical documents.

A tenant contractor named TPL, Inc. obtained a facilities use contract with FWDA in 1994 and continued operations until 2007. TPL, Inc. performed demilitarization of military munitions with an emphasis on resource recovery and reuse. Demilitarization operations ranged from simple mechanical separation of munitions into their components to chemical processes to further extract reusable materials. For a number of years, TPL, Inc. was a Large Quantity Generator (NMR000000216) of hazardous wastes consisting of fuzes and fin assemblies that were temporarily stored in a less-than-90-day RCRA storage area in Igloo B-1019 (explosives). TPL, Inc. conducted operations within the AOC 28 area.

9.1.2 Surface Conditions

The topography of the AOC 28 area generally dips to the north with various local man-made drainages running northwest-southeast and northeast-southwest in the areas immediately adjacent to the igloos and revetments. Several moderately sized drainages are generally oriented to the northeast and connected to the larger drainage feature that drains this area to the northeast.

Vegetation cover at AOC 28 generally consists of grass and sagebrush with some piñon-juniper woodlands in the southernmost portion of the AOC.

1

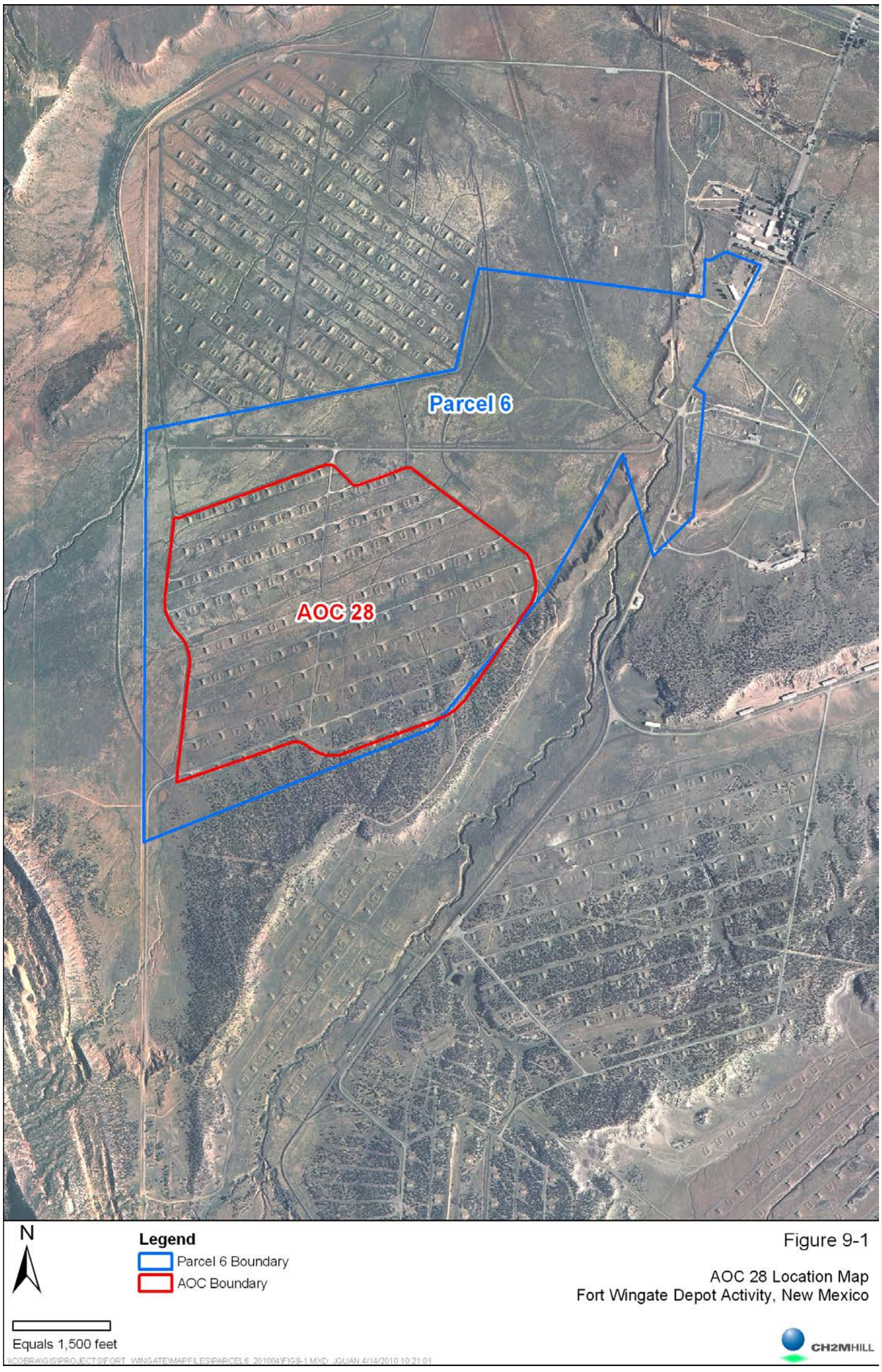

Figure 9-1

AOC 28 Location Map
Fort Wingate Depot Activity, New Mexico

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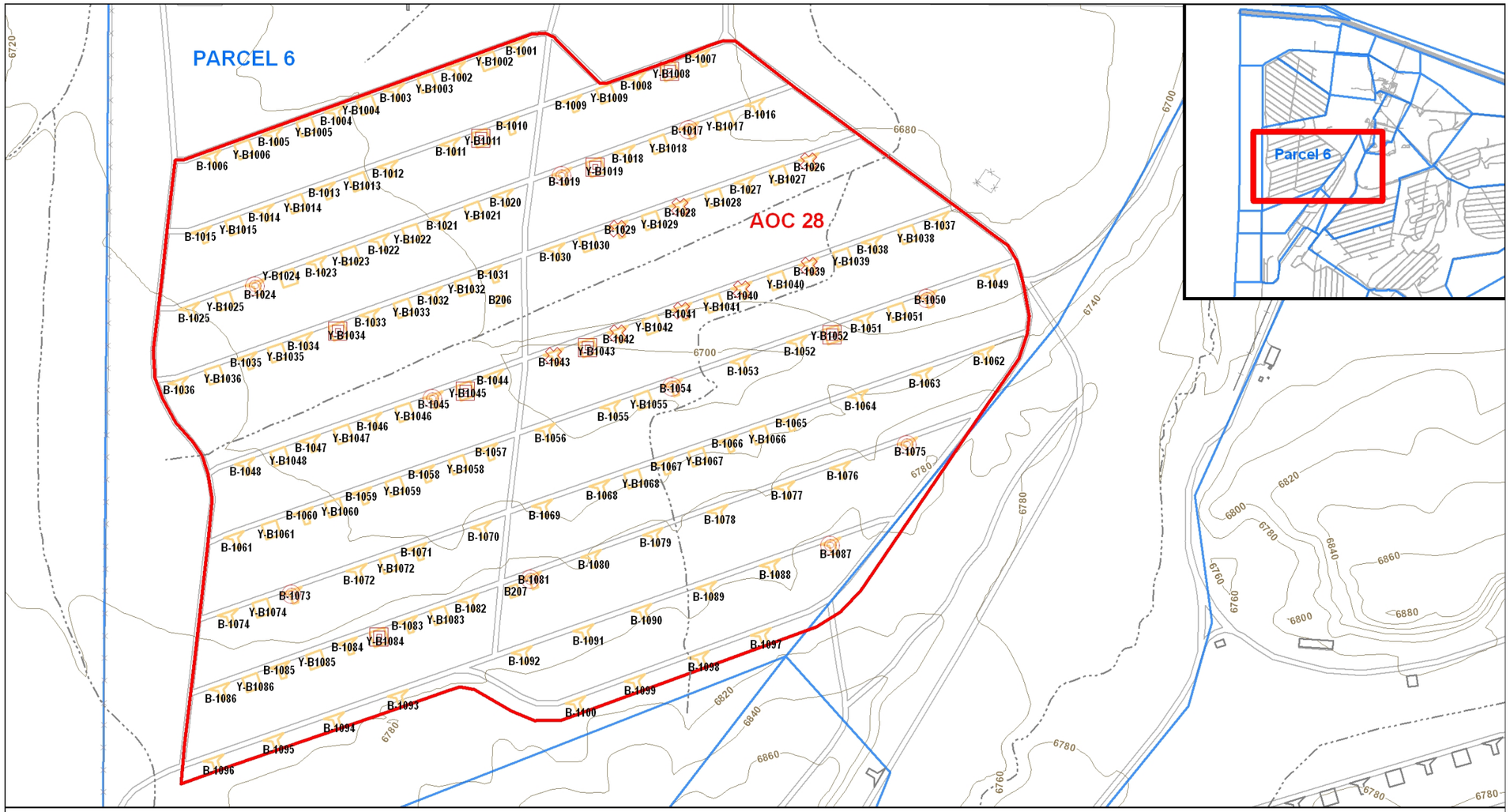


Figure 9-2

Parcel 6 Release Assessment Sampling
Location of Sampled AOC 28 Igloos and Revetments
Fort Wingate Depot Activity, New Mexico

9.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 28.

9.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 28. Munitions were handled and stored at AOC 28; therefore, explosives and lead are considered the only COPCs. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the storage of munitions.

9.2 Previous Investigations

9.2.1 Nonsampling Data

Nonsampling data available for AOC 28 are summarized below.

Facilities Data, Fort Wingate Ordnance Depot, Gallup, New Mexico; FWDA, 1961

This report includes relevant construction information for igloos similar to those in Igloo Block B.

Defense Environmental Restoration Program for Property Owned by the Department of Defense Ordnance and Explosive Waste Chemical Warfare Materials Archives Search Report; USACE, 1995

Igloo Block B was included in a site survey for potential bomb burial during the 1940s and 1950s. This area was identified as a potential burial location based on interviews with former FWDA personnel. Historical aerial photography review and a helicopter fly over were utilized to inspect the 55 revetment areas within Igloo Block B. No evidence was found suggesting burial of ordnances.

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 28 in the 2006 report is as follows:

1935 – Two ground scarred or graded areas are present; probably former or planned building locations

1948 – No significant findings

1952 – No significant findings

1958 – No significant findings

1962 – No significant findings

1966 – No significant findings

1973 – No significant findings

1978 – No significant findings

1985 – No significant findings

1991 – No significant findings

1993 – Partial photo coverage; no significant findings

1997 – No significant findings

While not specifically stated in the summary from the report above, the Block B igloos are visible from 1948 to 1997. Based on further review of this report and the aerial photographs, it appears as if the 2006 report states "no significant findings" if there were no observed environmental concerns. That statement does not mean that the buildings were not present or that other changes to the area were not observed.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within AOC 28. However, the report includes background information relevant to the WWI magazines. Several WWI magazines were formerly located within the boundaries of Igloo Block B. WWI magazines historically stored bulk explosives in boxes prior to WWII. The magazines were wood buildings with metal roofs and were approximately 20 feet by 50 feet in size. All WWI magazines were demolished prior to WWII to clear space for the current structures at the FWDA.

9.2.2 Sampling Data

Previous investigation phases have been completed at AOC 28 and are summarized below.

Final Remedial Investigation/Feasibility Study & RCRA Corrective Action Program Document; ERM Program Management Company, 1997

During the RI, 24 discrete surface soil samples were collected under the igloo drains, 15 discrete surface soil samples were collected in storage revetments, and 24 discrete wipe samples were collected from the interior of the same igloos selected for soil sampling. These samples were analyzed for munitions constituents including explosives, nitrate/nitrite, and phosphorous.

Only nitrate/nitrite was detected above the reported background level of 30.0 μg/g in one soil sample (270 μg/g). The report does not indicate a specific source for the final background values, only a description of a 1992 work plan that outlined the methodology for determination of the background values. Three wipe samples from Igloo Block B contained detectable levels of explosives. 2,4,6-TNT was detected in B1021-3 at a concentration of 0.087 microgram per square centimeter ($\mu g/cm^2$). RDX was detected in B1013-1 and B1037-3 at concentrations of 0.11 $\mu g/cm^2$ and 0.095 $\mu g/cm^2$, respectively.

Environmental Baseline Survey for the Transfer of Lands at Fort Wingate Depot Activity, New Mexico; USACE, 2000

This report provides a physical description of Igloo Block B. It also discusses the baseline surveys completed which included ACM, LBP, PCBs, and radon surveys. The buildings were not considered to be potentially hazardous according to the RI/FS Risk Assessment. Environmental issues that would potentially affect the property transfer were not found during this limited investigation.

Onsite Treatment/Desensitization of 16 Boxes of Abandoned Energetics; PIKA, 2008

PIKA International, Inc. (PIKA) was contracted by the U.S. Army Sustainment Command (ASC) in support of the Joint Munitions Command for the onsite treatment/desensitization of 16 boxes of abandoned energetics and materials at FWDA. The objective of this project was to treat 16 boxes of unstable energetic materials located within aboveground magazine (AGM) B-1009 at FWDA with PIKA's Thermal Convection System (TCS). Additionally, Open Detonation (OD) procedures were used to remove explosive hazards from select containers of energetics which, due to their size and characteristics, did not yield themselves to treatment in the TCS.

Select containers identified during the material evaluation phase that could not be treated within the TCS due to their size and/or characteristics. These select containers were disposed by open detonation on January 31, 2008, following procedures in approved amendments to the Work Plan, Explosive Safety Submission, and NMED Emergency Authorization. Demolition operations were conducted in accordance with the procedures outlined in Technical Manual (TM) 60A-1-1-31, Engineering Pamphlet (EP) 385-1-95a, *Basic Safety Concepts and Considerations for Munitions and Explosives of Concern (MEC) Removal Action Operations*, dated 27 August 2004. The containers were removed from the igloo by the Senior Unexploded Ordnance Supervisor (SUXOS) and manually transported to the designated open detonation area (approximately 20 feet by 20 feet) located between Igloos B-1044 and B-1045. Boosters/donor explosives were placed in intimate contact with each container and covered with sand-bags. The containers were disposed by countercharging the energetics inside the container with the explosive donor charge (for example, booster) and detonating the donor charge. All disposal operations were performed under the direction and supervision of the UXO Safety.

The NMED approved all actions in an Emergency Permit dated October 30, 2007. The permit is located in the project report. All results of this action were submitted to the NMED in March 2008 in a report titled *Onsite Treatment/Desensitization of 16 Boxes of Abandoned Energetics.* Soil samples were collected from the area before and after detonation and analyzed for explosives. Analytical results are summarized in Table 9-1.

Release Assessment; CH2M HILL, 2008

Results of the release assessment sampling conducted in July 2008 are presented in Section 9.3.3.

9.2.3 Conceptual Model

9.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 28 that would result in COPCs being present at this site. AOC 28 was historically used to store munitions. Explosive compounds were previously detected in wipe samples collected from the interior of the igloos. Additionally, explosives have been detected at the drain outfall from two igloos during limited soil sampling of the igloos. Therefore, explosives and lead are COPCs for this AOC. Further investigation is needed to define the degree and extent of COPCs in soil at the igloo drain outfalls.

9.2.3.2 Fate and Transport

If contamination is present at AOC 28, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils. Contamination could potentially pose a risk of impacting groundwater or migrating to nearby water courses.

Table 9-1 Previous Investigation Laboratory Data Summary for AOC 28, Igloo Block B[a] Fort Wingate Depot Activity

Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28
				FWDA-010908-01	FWDA-020608-01
				1/29/2008	2/6/2008
Nitrocellulose - EPA Method 353.2	Nitrocellulose	5.2-5.3	240,000,000[d]	1.7 J	1.3 J
Metals - EPA Method 6010B	Aluminum	20.7-21.0	78,100	11,900	14,200
	Arsenic	1.0-1.1	3.59	1.6	1.9
	Berium	20.7-21.0	15,600	238	273
	Beryllium	0.52-0.53	156	0.53	0.53
	Cadmium	0.52-0.53	77.9	0.21 J	0.13 J
	Calcium	518-525	N/A	29,800	33,600
	Chromium	1.0-1.1	219	15.4	21.5
	Cobalt	5.2-5.3	23[d]	4.3 J	4.9 J
	Copper	2.6	3,130	4.6	5.0
	Iron	10.4-10.5	54,800	12,200	12,200
	Lead	0.31-0.32	400	8.0	8.1
	Manganese	1.6	10,700	401	435
	Nickel	4.1-4.2	1,560	12.3	15.3
	Sodium	518-525	N/A	520	463 J
	Thallium	1.0-1.1	5.16	0.64 J	0.67 J
	Vanadium	5.2-5.3	391	26.3	26
	Zinc	2.1	23,500	18	20
	Magnesium	518-525	N/A	5,420	6,340
	Potassium	518-525	N/A	2,380	3,160
Explosives- EPA Method 8330	1,3,5-Trinitrobenzene	0.25-0.26	2,200[d]	0.042 J	ND

[a] Data referenced from PIKA, 2008.
[b] Column provides the Reporting Limit (RL) range between the two sample dates.
[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[d] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.
Positive detections of explosives compounds are shaded.
Sample depths are not available for this data set.
N/A – Not Applicable J – Estimated value below the RL

9.2.3.3 Data Gaps

Wipe samples have been collected from the interior of some igloos and contained detectable concentrations of explosive compounds. Soil samples have been collected at some of the igloo drain outfalls and explosives have been detected at low or qualified concentrations. Additional soil sampling is required to determine if explosives may have been released to the ground surface at the remaining AOC 28 igloo drains.

9.3 Release Assessment

9.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that hazardous wastes or hazardous constituents were released to the ground surface at AOC 28. As discussed above, explosives were previously detected in wipe samples collected from the inside of some AOC 28 igloos.

9.3.2 Site Reconnaissance Findings

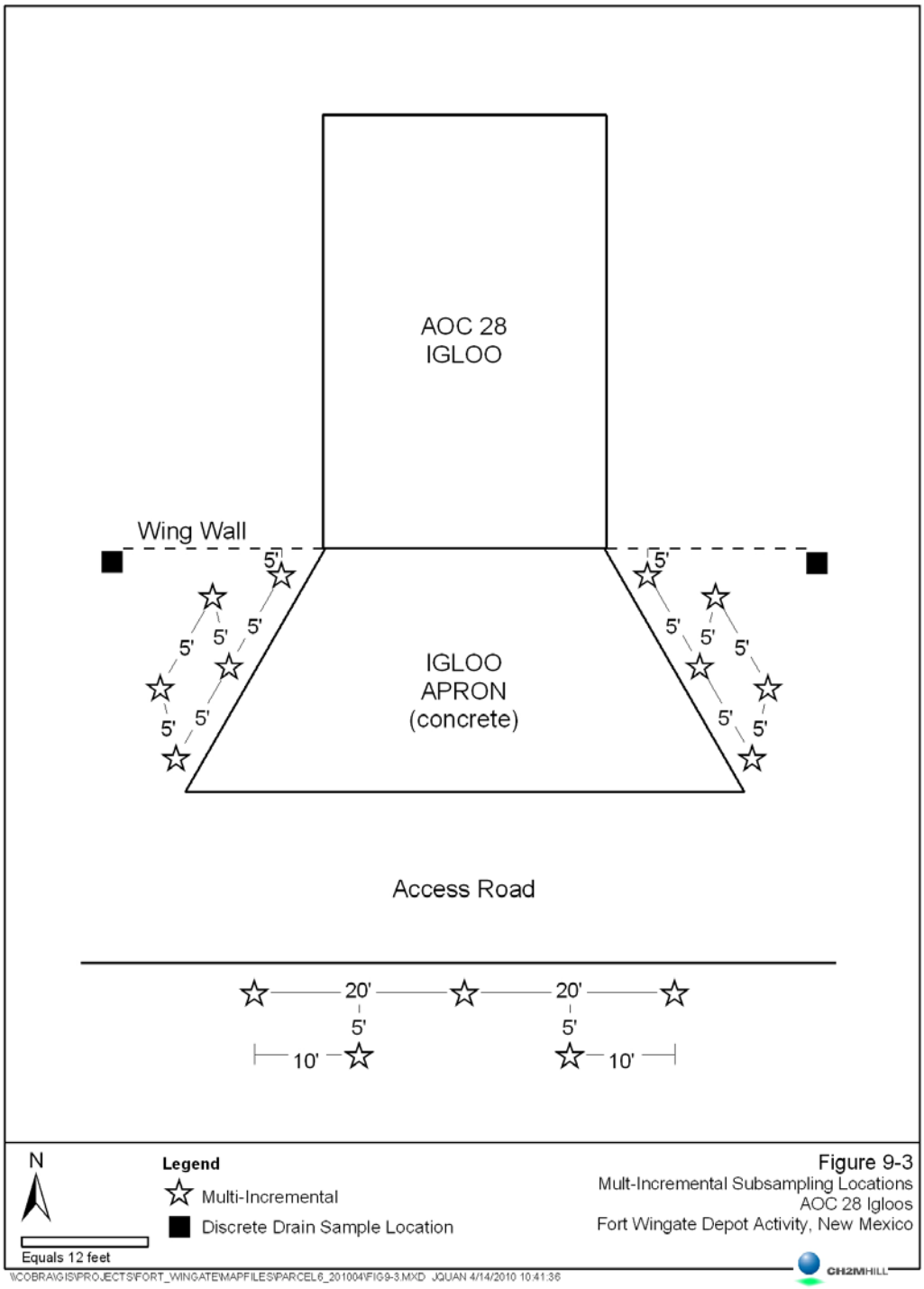
Site reconnaissance was completed at AOC 28 from July 14 to 23, 2008. Observations at the AOC 28 igloos and revetments included a limited number of various articles of trash such as metal packaging banding, wire mesh fencing material, nails, pieces of wire, broken clay pipe, and glass. No soil staining or other evidence of MEC or environmental releases were observed at any of the igloos. Revetment Y-B1045 had a few pieces of small metallic scrap and evidence of a possible small detonation. No soil staining or other evidence of MEC or environmental releases were observed at any of the other revetments.

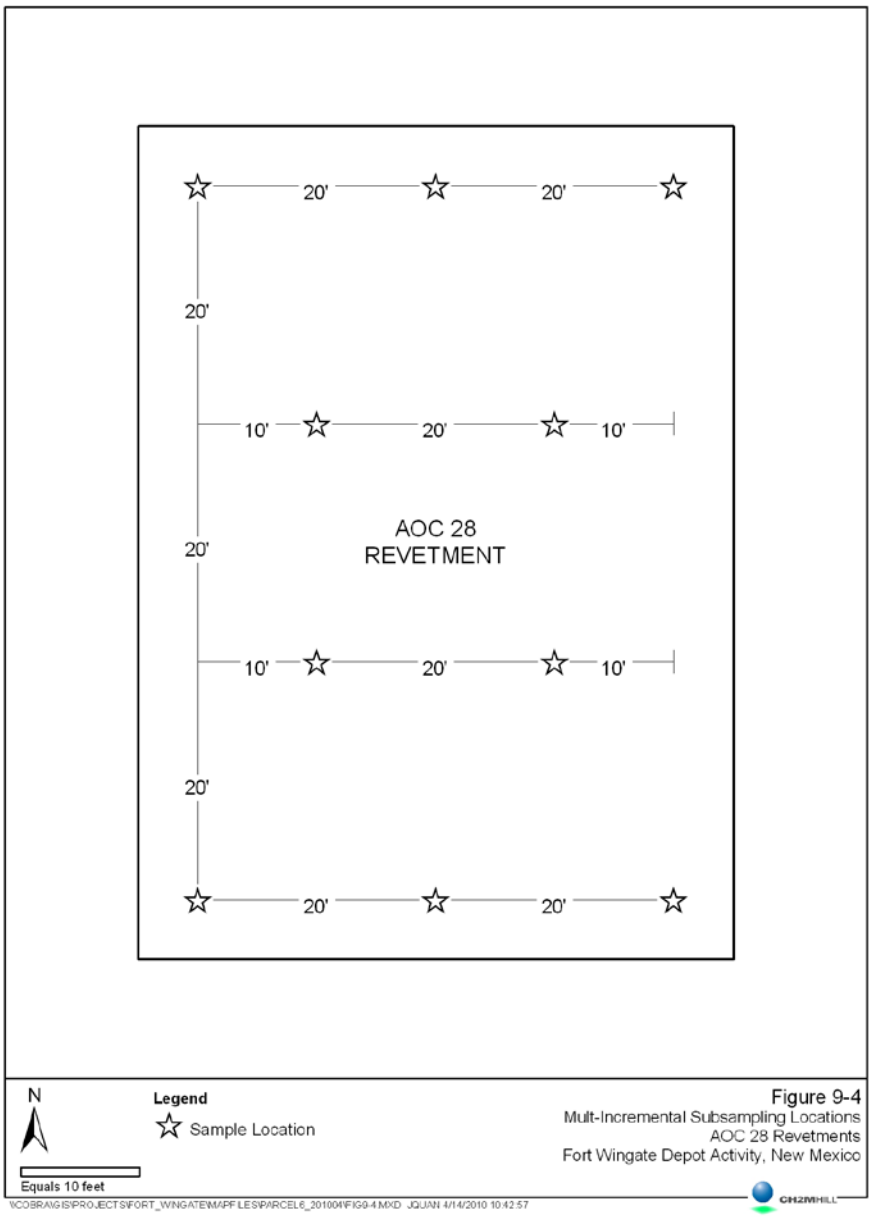
Site reconnaissance field forms and field notes are presented in ~~Appendix F~~Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in ~~Appendix G~~Appendix F.

9.3.3 Soil Sampling

One ~~multi-incremental~~MI surface soil sample and two discrete surface soil samples were collected from 10 of the 100 igloos in AOC 28 (Figure 9-2~~1~~). The ~~multi-incremental~~MI samples consisted of 15 individual sample locations taken from either side of the driveway to the igloo and from the drainage on the opposite side of the road and the 2 discrete soil samples were collected from underneath the igloo drain outfalls, as shown in Figure 9-3~~2~~. One ~~multi-incremental~~MI surface soil sample was collected at 8 of the 54 revetments in AOC 28 (Figure 9-2~~1~~). The ~~multi-incremental~~MI samples consisted of 10 individual sample locations taken from the interior area of the revetment as shown in Figure 9-4~~3~~. All soil samples were analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010B.

Results indicate that no explosives were detected in any of the ~~multi-incremental~~MI samples collected. However, qualified concentrations of explosives were detected at two of the drain outfalls. A summary of the sample analysis results is presented in Table 9-2 (located at the end of this section). The full laboratory report is presented in ~~Appendix H~~Appendix G. The Data Quality Evaluation (DQE) report is provided ~~in~~on the CD as ~~Appendix I~~Appendix H.


AOC 28
IGLOO
Wing Wall
5'
IGLOO
APRON
(concrete)
Access Road
20'
10'
N
Legend
Multi-Incremental
Discrete Drain Sample Location
Equals 12 feet
Figure 9-3
Mult-Incremental Subsampling Locations
AOC 28 Igloos
Fort Wingate Depot Activity, New Mexico
CH2MHILL
\\COBRA\GIS\PROJECTS\FORT_WINGATE\MAPFILES\PARCEL6_201004\FIG9-3.MXD JQUAN 4/14/2010 10:41:36


20'
20'
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AOC 28
REVETMENT
20'
10'
20'
10'
20'
20'
20'
N
Legend
Sample Location
Equals 10 feet
Figure 9-4
Mult-Incremental Subsampling Locations
AOC 28 Revetments
Fort Wingate Depot Activity, New Mexico
CH2MHILL

HMX was detected at a concentration of 0.08J mg/kg (J represents estimated value) at igloo B-1017 and 1,3,5-trinitrobenzene was detected at 0.2J mg/kg at igloo B-1075. Both detections are below the NMED SSL or EPA ~~Region 6 MSSL~~RSL for these compounds. Lead was detected at a maximum concentration of 87.4 mg/kg from a discrete soil sample taken from the drain outfall at igloo B-1054. Lead detections were generally considerably less than this and all detections were below the NMED SSL of 400 mg/kg.

9.3.4 Release Assessment Conclusion

Based on the release assessment investigation results, the following conclusions are made for AOC 28:

- Qualified concentrations of two explosive compounds, RDX and 1,3,5-trinitrobenzene, were detected at two of the igloo drain outfalls. These detections were far below the respective NMED SSLs or EPA ~~Region 6 MSSL~~RSLs for these compounds. No other COPCs were positively detected during the July 2008 release assessment at AOC 28.

9.3.5 Scope of Activities

Table 9-3 summarizes the proposed sampling at AOC 28. Based on the release assessment investigation results, the following recommendations are made for AOC 28:

- It is recommended that one composite sample comprised of soil from under each drain outfall be collected at the remaining AOC 28 igloos that have not been sampled, with the exception of the eight Conditional Exemption igloos that will be excluded until after their use ends. ~~One multi-incremental sample comprised of 5 subsamples each from the Igloo aprons will be collected. One multi-incremental sample comprised of 10 subsamples will be collected from each revetment.~~ If the drain outfall is buried, soil will be removed to reveal the drain and the sample will be collected under the drain. If the drain is already exposed then the surface soil (0-6 inches) will be sampled under the drain outfall. Soil sampling will be performed as described in Section 4 and the QAPP (Appendix C). The collected soil samples ~~should~~ will be analyzed for explosives using EPA Method 8330B and for RCRA metals using EPA Methods 6010B and 7471A.
- It is recommended that one MI soil sample be collected from each of the igloo aprons, with the exception of the eight conditional exemption igloos that will be excluded from investigation until their use ends. Thirty MI sample increments will be collected from 0-3 inches bgs from each igloo apron. The MI decision units will encompass any drainages or topographic depressions located around each igloo. If the road constitutes a drainage divide opposite any igloo, the decision unit located across the road will be excluded. Figures 9-5 and 9-6 show the proposed MI decision units. The collected soil samples will be analyzed for explosives using EPA Method 8330B and for RCRA metals using EPA Methods 6010B and 7471A.
- It is recommended that one MI soil sample be collected from each of the revetments. Thirty MI sample increments will be collected from 2-6 inches bgs within each revetment. The collected soil samples will be analyzed for explosives using EPA Method 8330B and for RCRA metals using EPA Methods 6010B and 7471A.

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Table 9-2 Release Assessment Laboratory Data Summary at AOC 28, Fort Wingate Depot Activity (1 of 2)

Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1017-DL-SS-072808	FWDA-B1017- DR-SS-072808	FWDA-B1017- DR-SS-072808 - DUP	FWDA-B1017-SS-072508
				7/28/2008	7/28/2008	7/28/2008	7/25/2008
Lead - EPA Method 6010B	Lead	0.3688	400	48.8	25.2	19.2	13.9
Explosives- EPA Method 8330B	HMX	0.21	3060	0.08 J	<0.21	<0.21	<0.21
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1019-DL-SS-072808	FWDA-B1019-DR-SS-072808	FWDA-B1019-SS-072808	FWDA-B1024-DL-SS-072808
				7/28/2008	7/28/2008	7/28/2008	7/28/2008
Lead - EPA Method 6010B	Lead	0.3688	400	21.3 J	14.2	17	34.2
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1024-DL-SS-072808	FWDA-B1024-SS-072808	FWDA-B1045-DL-SS-072508	FWDA-B1045-DR-SS-072508
				7/28/2008	7/28/2008	7/25/2008	7/25/2008
Lead - EPA Method 6010B	Lead	0.3688	400	13.7	10.8 J	48.8	21
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1045-SS-072508	FWDA-B1050-DL-SS-072808	FWDA-B1050-DR-SS-072808	FWDA-B1050-SS-072808-DUP
				7/25/2008	7/28/2008	7/28/2008	7/28/2008
Lead - EPA Method 6010B	Lead	0.3688	400	17.2	64.2	26.5	6.5
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1050-SS-072808	FWDA-B1054-DL-SS-072908	FWDA-B1054-DR-SS-072908-DUP	FWDA-B1054-DR-SS-072908
				7/28/2008	7/29/2008	7/29/2008	7/29/2008
Lead - EPA Method 6010B	Lead	0.3688	400	6.8	87.4	36.9 J	10.1 J
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-B1054-SS-072908	FWDA-B1073-DL-SS-072508	FWDA-B1073-DR-SS-072508	FWDA-B1073-SS-072508
				7/29/2008	7/25/2008	7/25/2008	7/25/2008
Lead - EPA Method 6010B	Lead	0.3688	400	5.8	44.7	25	37.8

Table 9-2 Release Assessment Laboratory Data Summary at AOC 28, Fort Wingate Depot Activity (2 of 2)

Chemical Class and Laboratory Method	Analyte	RL[b]	NMED Residential Soil SSL[c]	AOC 28	AOC 28	AOC 28	AOC 28	
				FWDA-B1075-DL-SS-072408	FWDA-B1075-DR-SS-072408	FWDA-B1075-SS-072508	FWDA-B1081-DL-SS-072408	
				7/24/2008	7/24/2008	7/25/2008	7/25/2008	
Lead - EPA Method 6010B	Lead	0.3688	400	15.8	17.4	4	5.4	
Explosives- EPA Method 8330B	1,3,5-Trinitrobenzene	0.2	1800[d]	0.2 J	<0.2	<0.2	<0.2	
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28	
				FWDA-B1081-DR-SS-072408	FWDA-B1081-SS-072408	FWDA-B1087-DL-SS-072408	FWDA-B1087-DR-SS-072408	
				7/24/2008	7/24/2008	7/24/2008	7/24/2008	
Lead - EPA Method 6010B	Lead	0.3688	400	7.6	4.3	24.4	21	
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28	
				FWDA-B1087-SS-072408	FWDA-Y-B1008-07172008	FWDA-Y-B1011-07172008	FWDA-Y-B1019-07172008	
				7/24/2008	7/17/2008	7/17/2008	7/17/2008	
Lead - EPA Method 6010B	Lead	0.3688	400	4	14.2	15.3 J	7.8	
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28	
				FWDA-Y-B1034-07172008	FWDA-Y-B1043-07162008	FWDA-Y-B1045-07172008-DUP	FWDA-Y-B1045-07172008	
				7/17/2008	7/16/2008	7/17/2008	7/17/2008	
Lead - EPA Method 6010B	Lead	0.3688	400	7.1	6.6	5.5	5.5	
Chemical Class and Laboratory Method	**Analyte**	**RL[b]**	**NMED Residential Soil SSL[c]**	AOC 28	AOC 28	AOC 28	AOC 28	AOC 28
				FWDA-Y-B1034-07172008	FWDA-Y-B1043-07162008	FWDA-Y-B1045-07172008-DUP	FWDA-Y-B1045-07172008	FWDA-Y-B1052-07162008
				7/17/2008	7/16/2008	7/17/2008	7/17/2008	7/16/2008
Lead - EPA Method 6010B	Lead	0.3688	400	7.1	6.6	5.5	5.5	4.6

[a] Laboratory data sheets and the Data Quality Evaluation Report (DQE) are provided in Appendices H and I, respectively.
[b] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[c] NMED Residential Direct Exposure to Soil Screening Level (SSL), June 2006.
[d] EPA Region 6 Human Health Specific Screening Levels, March 2008.
[e] NMED, June 2006.
Positive detections of explosives compounds are shaded.
Samples collected from 0 to 1 feet below ground surface.
N/A – Not Applicable NC – Non Carcinogen C – Carcinogen Sat – Soil Saturation J – Estimated value below the RL

Table 9-3 Proposed RCRA Facility Investigation Sampling and Analyses at AOC 28, Fort Wingate Depot Activity (1 of 5)

Method					Explosives	Metals
					8330B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment		
0628-B1001-SS01-M-0000	Igloo B-1001	0-0.25	MI		X	X
0628-B1001-SS01-M-0000-DUP	Igloo B-1001	0-0.25	MI DUP		X	X
0628-B1001-SS01-C-0000	Igloo B-1001 Drain	0-0.5	Composite		X	X
0628-B1002-SS01-M-0000	Igloo B-1002	0-0.25	MI		X	X
0628-B1002-SS01-M-0000-DUP	Igloo B-1002	0-0.25	MI DUP		X	X
0628-B1002-SS01-C-0000	Igloo B-1002 Drain	0-0.5	Composite		X	X
0628-B1003-SS01-M-0000	Igloo B-1003	0-0.25	MI		X	X
0628-B1003-SS01-C-0000	Igloo B-1003 Drain	0-0.5	Composite		X	X
0628-B1003-SS01-C-0000-MS/MSD	Igloo B-1003 Drain	0-0.5	Composite	MS/MSD	X	X
0628-B1004-SS01-M-0000	Igloo B-1004	0-0.25	MI		X	X
0628-B1004-SS01-C-0000	Igloo B-1004 Drain	0-0.5	Composite		X	X
0628-B1005-SS01-M-0000	Igloo B-1005	0-0.25	MI		X	X
0628-B1005-SS01-M-0000-DUP	Igloo B-1005	0-0.25	MI DUP		X	X
0628-B1005-SS01-C-0000	Igloo B-1005 Drain	0-0.5	Composite		X	X
0628-B1006-SS01-M-0000	Igloo B-1006	0-0.25	MI		X	X
0628-B1006-SS01-C-0000	Igloo B-1006 Drain	0-0.5	Composite		X	X
0628-B1007-SS01-M-0000	Igloo B-1007	0-0.25	MI		X	X
0628-B1007-SS01-M-0000-DUP	Igloo B-1007	0-0.25	MI DUP		X	X
0628-B1007-SS01-C-0000	Igloo B-1007 Drain	0-0.5	Composite		X	X
0628-B1008-SS01-M-0000	Igloo B-1008	0-0.25	MI		X	X
0628-B1008-SS01-C-0000	Igloo B-1008 Drain	0-0.5	Composite		X	X
0628-B1009-SS01-M-0000	Igloo B-1009	0-0.25	MI		X	X
0628-B1009-SS01-C-0000	Igloo B-1009 Drain	0-0.5	Composite		X	X
0628-B1010-SS01-M-0000	Igloo B-1010	0-0.25	MI		X	X
0628-B1010-SS01-C-0000	Igloo B-1010 Drain	0-0.5	Composite		X	X
0628-B1011-SS01-M-0000	Igloo B-1011	0-0.25	MI		X	X
0628-B1011-SS01-C-0000	Igloo B-1011 Drain	0-0.5	Composite		X	X
0628-B1012-SS01-M-0000	Igloo B-1012	0-0.25	MI		X	X
0628-B1012-SS01-M-0000-DUP	Igloo B-1012	0-0.25	MI DUP		X	X
0628-B1012-SS01-C-0000	Igloo B-1012 Drain	0-0.5	Composite		X	X
0628-B1013-SS01-M-0000	Igloo B-1013	0-0.25	MI		X	X
0628-B1013-SS01-C-0000	Igloo B-1013 Drain	0-0.5	Composite		X	X
0628-B1014-SS01-M-0000	Igloo B-1014	0-0.25	MI		X	X
0628-B1014-SS01-C-0000	Igloo B-1014 Drain	0-0.5	Composite		X	X
0628-B1015-SS01-M-0000	Igloo B-1015	0-0.25	MI		X	X
0628-B1015-SS01-M-0000-MS/MSD	Igloo B-1015	0-0.25	MI	MS/MSD	X	X
0628-B1015-SS01-C-0000	Igloo B-1015 Drain	0-0.5	Composite		X	X
0628-B1016-SS01-M-0000	Igloo B-1016	0-0.25	MI		X	X
0628-B1016-SS01-C-0000	Igloo B-1016 Drain	0-0.5	Composite		X	X
0628-B1017-SS01-M-0000	Igloo B-1017	0-0.25	MI		X	X
0628-B1017-SS01-C-0000	Igloo B-1017 Drain	0-0.5	Composite		X	X
0628-B1018-SS01-M-0000	Igloo B-1018	0-0.25	MI		X	X
0628-B1018-SS01-C-0000	Igloo B-1018 Drain	0-0.5	Composite		X	X
0628-B1019-SS01-M-0000	Igloo B-1019	0-0.25	MI		X	X
0628-B1019-SS01-M-0000-DUP	Igloo B-1019	0-0.25	MI DUP		X	X
0628-B1019-SS01-C-0000	Igloo B-1019 Drain	0-0.5	Composite		X	X
0628-B1020-SS01-M-0000	Igloo B-1020	0-0.25	MI		X	X
0628-B1020-SS01-C-0000	Igloo B-1020 Drain	0-0.5	Composite		X	X
0628-B1021-SS01-M-0000	Igloo B-1021	0-0.25	MI		X	X
0628-B1021-SS01-C-0000	Igloo B-1021 Drain	0-0.5	Composite		X	X
0628-B1021-SS01-C-0000-DUP	Igloo B-1021 Drain	0-0.5	Composite DUP		X	X
0628-B1022-SS01-M-0000	Igloo B-1022	0-0.25	MI		X	X
0628-B1022-SS01-C-0000	Igloo B-1022 Drain	0-0.5	Composite		X	X
0628-B1023-SS01-M-0000	Igloo B-1023	0-0.25	MI		X	X
0628-B1023-SS01-C-0000	Igloo B-1023 Drain	0-0.5	Composite		X	X
0628-B1024-SS01-M-0000	Igloo B-1024	0-0.25	MI		X	X
0628-B1024-SS01-C-0000	Igloo B-1024 Drain	0-0.5	Composite		X	X
0628-B1025-SS01-M-0000	Igloo B-1025	0-0.25	MI		X	X
0628-B1025-SS01-C-0000	Igloo B-1025 Drain	0-0.5	Composite		X	X
0628-B1027-SS01-M-0000	Igloo B-1027	0-0.25	MI		X	X
0628-B1027-SS01-C-0000	Igloo B-1027 Drain	0-0.5	Composite		X	X
0628-B1030-SS01-M-0000	Igloo B-1030	0-0.25	MI		X	X
0628-B1030-SS01-C-0000	Igloo B-1030 Drain	0-0.5	Composite		X	X

Table 9-3 Proposed RCRA Facility Investigation Sampling and Analyses at AOC 28, Fort Wingate Depot Activity (2 of 5)

Method					Explosives	Metals
					8330B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment		
0628-B1031-SS01-M-0000	Igloo B-1031	0-0.25	MI		X	X
0628-B1031-SS01-C-0000	Igloo B-1031 Drain	0-0.5	Composite		X	X
0628-B1031-SS01-C-0000-DUP	Igloo B-1031 Drain	0-0.5	Composite DUP		X	X
0628-B1032-SS01-M-0000	Igloo B-1032	0-0.25	MI		X	X
0628-B1032-SS01-C-0000	Igloo B-1032 Drain	0-0.5	Composite		X	X
0628-B1033-SS01-M-0000	Igloo B-1033	0-0.25	MI		X	X
0628-B1033-SS01-C-0000	Igloo B-1033 Drain	0-0.5	Composite		X	X
0628-B1034-SS01-M-0000	Igloo B-1034	0-0.25	MI		X	X
0628-B1034-SS01-C-0000	Igloo B-1034 Drain	0-0.5	Composite		X	X
0628-B1034-SS01-C-0000-MS/MSD	Igloo B-1034 Drain	0-0.5	Composite	MS/MSD	X	X
0628-B1035-SS01-M-0000	Igloo B-1035	0-0.25	MI		X	X
0628-B1035-SS01-C-0000	Igloo B-1035 Drain	0-0.5	Composite		X	X
0628-B1036-SS01-M-0000	Igloo B-1036	0-0.25	MI		X	X
0628-B1036-SS01-M-0000-DUP	Igloo B-1036	0-0.25	MI DUP		X	X
0628-B1036-SS01-C-0000	Igloo B-1036 Drain	0-0.5	Composite		X	X
0628-B1037-SS01-M-0000	Igloo B-1037	0-0.25	MI		X	X
0628-B1037-SS01-C-0000	Igloo B-1037 Drain	0-0.5	Composite		X	X
0628-B1038-SS01-M-0000	Igloo B-1038	0-0.25	MI		X	X
0628-B1038-SS01-C-0000	Igloo B-1038 Drain	0-0.5	Composite		X	X
0628-B1044-SS01-M-0000	Igloo B-1044	0-0.25	MI		X	X
0628-B1044-SS01-M-0000-DUP	Igloo B-1044	0-0.25	MI DUP		X	X
0628-B1044-SS01-C-0000	Igloo B-1044 Drain	0-0.5	Composite		X	X
0628-B1045-SS01-M-0000	Igloo B-1045	0-0.25	MI		X	X
0628-B1045-SS01-C-0000	Igloo B-1045 Drain	0-0.5	Composite		X	X
0628-B1046-SS01-M-0000	Igloo B-1046	0-0.25	MI		X	X
0628-B1046-SS01-C-0000	Igloo B-1046 Drain	0-0.5	Composite		X	X
0628-B1047-SS01-M-0000	Igloo B-1047	0-0.25	MI		X	X
0628-B1047-SS01-M-0000-DUP	Igloo B-1047	0-0.25	MI DUP		X	X
0628-B1047-SS01-C-0000	Igloo B-1047 Drain	0-0.5	Composite		X	X
0628-B1047-SS01-C-0000-DUP	Igloo B-1047 Drain	0-0.5	Composite DUP		X	X
0628-B1048-SS01-M-0000	Igloo B-1048	0-0.25	MI		X	X
0628-B1048-SS01-C-0000	Igloo B-1048 Drain	0-0.5	Composite		X	X
0628-B1049-SS01-M-0000	Igloo B-1049	0-0.25	MI		X	X
0628-B1049-SS01-C-0000	Igloo B-1049 Drain	0-0.5	Composite		X	X
0628-B1050-SS01-M-0000	Igloo B-1050	0-0.25	MI		X	X
0628-B1050-SS01-C-0000	Igloo B-1050 Drain	0-0.5	Composite		X	X
0628-B1051-SS01-M-0000	Igloo B-1051	0-0.25	MI		X	X
0628-B1051-SS01-C-0000	Igloo B-1051 Drain	0-0.5	Composite		X	X
0628-B1052-SS01-M-0000	Igloo B-1052	0-0.25	MI		X	X
0628-B1052-SS01-C-0000	Igloo B-1052 Drain	0-0.5	Composite		X	X
0628-B1052-SS01-C-0000-DUP	Igloo B-1052 Drain	0-0.5	Composite DUP		X	X
0628-B1053-SS01-M-0000	Igloo B-1053	0-0.25	MI		X	X
0628-B1053-SS01-C-0000	Igloo B-1053 Drain	0-0.5	Composite		X	X
0628-B1054-SS01-M-0000	Igloo B-1054	0-0.25	MI		X	X
0628-B1054-SS01-M-0000-MS/MSD	Igloo B-1054	0-0.25	MI	MS/MSD	X	X
0628-B1054-SS01-C-0000	Igloo B-1054 Drain	0-0.5	Composite		X	X
0628-B1055-SS01-M-0000	Igloo B-1055	0-0.25	MI		X	X
0628-B1055-SS01-C-0000	Igloo B-1055 Drain	0-0.5	Composite DUP		X	X
0628-B1055-SS01-C-0000-DUP	Igloo B-1055 Drain	0-0.5	Composite		X	X
0628-B1056-SS01-M-0000	Igloo B-1056	0-0.25	MI		X	X
0628-B1056-SS01-C-0000	Igloo B-1056 Drain	0-0.5	Composite		X	X
0628-B1057-SS01-M-0000	Igloo B-1057	0-0.25	MI		X	X
0628-B1057-SS01-M-0000-MS/MSD	Igloo B-1057	0-0.25	MI	MS/MSD	X	X
0628-B1057-SS01-C-0000	Igloo B-1057 Drain	0-0.5	Composite		X	X
0628-B1058-SS01-M-0000	Igloo B-1058	0-0.25	MI		X	X
0628-B1058-SS01-M-0000-DUP	Igloo B-1058	0-0.25	MI DUP		X	X
0628-B1058-SS01-C-0000	Igloo B-1058 Drain	0-0.5	Composite		X	X
0628-B1059-SS01-M-0000	Igloo B-1059	0-0.25	MI		X	X
0628-B1059-SS01-C-0000	Igloo B-1059 Drain	0-0.5	Composite		X	X
0628-B1060-SS01-M-0000	Igloo B-1060	0-0.25	MI		X	X
0628-B1060-SS01-C-0000	Igloo B-1060 Drain	0-0.5	Composite		X	X
0628-B1060-SS01-C-0000-DUP	Igloo B-1060 Drain	0-0.5	Composite DUP		X	X
0628-B1061-SS01-M-0000	Igloo B-1061	0-0.25	MI		X	X
0628-B1061-SS01-C-0000	Igloo B-1061 Drain	0-0.5	Composite		X	X
0628-B1062-SS01-M-0000	Igloo B-1062	0-0.25	MI		X	X
0628-B1062-SS01-C-0000	Igloo B-1062 Drain	0-0.5	Composite		X	X

Table 9-3 Proposed RCRA Facility Investigation Sampling and Analyses at AOC 28, Fort Wingate Depot Activity (3 of 5)

Method					Explosives	Metals
					8330B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment		
0628-B1063-SS01-M-0000	Igloo B-1063	0-0.25	MI		X	X
0628-B1063-SS01-C-0000	Igloo B-1063 Drain	0-0.5	Composite		X	X
0628-B1064-SS01-M-0000	Igloo B-1064	0-0.25	MI		X	X
0628-B1064-SS01-C-0000	Igloo B-1064 Drain	0-0.5	Composite		X	X
0628-B1065-SS01-M-0000	Igloo B-1065	0-0.25	MI		X	X
0628-B1065-SS01-C-0000	Igloo B-1065 Drain	0-0.5	Composite		X	X
0628-B1066-SS01-M-0000	Igloo B-1066	0-0.25	MI		X	X
0628-B1066-SS01-C-0000	Igloo B-1066 Drain	0-0.5	Composite		X	X
0628-B1067-SS01-M-0000	Igloo B-1067	0-0.25	MI		X	X
0628-B1067-SS01-C-0000	Igloo B-1067 Drain	0-0.5	Composite		X	X
0628-B1068-SS01-M-0000	Igloo B-1068	0-0.25	MI		X	X
0628-B1068-SS01-M-0000-DUP	Igloo B-1068	0-0.25	MI DUP		X	X
0628-B1068-SS01-C-0000	Igloo B-1068 Drain	0-0.5	Composite		X	X
0628-B1069-SS01-M-0000	Igloo B-1069	0-0.25	MI		X	X
0628-B1069-SS01-C-0000	Igloo B-1069 Drain	0-0.5	Composite		X	X
0628-B1070-SS01-M-0000	Igloo B-1070	0-0.25	MI		X	X
0628-B1070-SS01-C-0000	Igloo B-1070 Drain	0-0.5	Composite		X	X
0628-B1071-SS01-M-0000	Igloo B-1071	0-0.25	MI		X	X
0628-B1071-SS01-C-0000	Igloo B-1071 Drain	0-0.5	Composite		X	X
0628-B1072-SS01-M-0000	Igloo B-1072	0-0.25	MI		X	X
0628-B1072-SS01-M-0000-MS/MSD	Igloo B-1072	0-0.25	MI	MS/MSD	X	X
0628-B1072-SS01-C-0000	Igloo B-1072 Drain	0-0.5	Composite		X	X
0628-B1073-SS01-M-0000	Igloo B-1073	0-0.25	MI		X	X
0628-B1073-SS01-M-0000-MS/MSD	Igloo B-1073	0-0.25	MI	MS/MSD	X	X
0628-B1073-SS01-C-0000	Igloo B-1073 Drain	0-0.5	Composite		X	X
0628-B1074-SS01-M-0000	Igloo B-1074	0-0.25	MI		X	X
0628-B1074-SS01-C-0000	Igloo B-1074 Drain	0-0.5	Composite		X	X
0628-B1075-SS01-M-0000	Igloo B-1075	0-0.25	MI		X	X
0628-B1075-SS01-C-0000	Igloo B-1075 Drain	0-0.5	Composite		X	X
0628-B1076-SS01-M-0000	Igloo B-1076	0-0.25	MI		X	X
0628-B1076-SS01-C-0000	Igloo B-1076 Drain	0-0.5	Composite		X	X
0628-B1077-SS01-M-0000	Igloo B-1077	0-0.25	MI		X	X
0628-B1077-SS01-C-0000	Igloo B-1077 Drain	0-0.5	Composite		X	X
0628-B1078-SS01-M-0000	Igloo B-1078	0-0.25	MI		X	X
0628-B1078-SS01-M-0000-MS/MSD	Igloo B-1078	0-0.25	MI	MS/MSD	X	X
0628-B1078-SS01-C-0000	Igloo B-1078 Drain	0-0.5	Composite		X	X
0628-B1079-SS01-M-0000	Igloo B-1079	0-0.25	MI		X	X
0628-B1079-SS01-C-0000	Igloo B-1079 Drain	0-0.5	Composite		X	X
0628-B1080-SS01-M-0000	Igloo B-1080	0-0.25	MI		X	X
0628-B1080-SS01-C-0000	Igloo B-1080 Drain	0-0.5	Composite		X	X
0628-B1081-SS01-M-0000	Igloo B-1081	0-0.25	MI		X	X
0628-B1081-SS01-M-0000-DUP	Igloo B-1081	0-0.25	MI DUP		X	X
0628-B1081-SS01-C-0000	Igloo B-1081 Drain	0-0.5	Composite		X	X
0628-B1082-SS01-M-0000	Igloo B-1082	0-0.25	MI		X	X
0628-B1082-SS01-C-0000	Igloo B-1082 Drain	0-0.5	Composite		X	X
0628-B1083-SS01-M-0000	Igloo B-1083	0-0.25	MI		X	X
0628-B1083-SS01-C-0000	Igloo B-1083 Drain	0-0.5	Composite		X	X
0628-B1084-SS01-M-0000	Igloo B-1084	0-0.25	MI		X	X
0628-B1084-SS01-C-0000	Igloo B-1084 Drain	0-0.5	Composite		X	X
0628-B1085-SS01-M-0000	Igloo B-1085	0-0.25	MI		X	X
0628-B1085-SS01-M-0000-MS/MSD	Igloo B-1085	0-0.25	MI	MS/MSD	X	X
0628-B1085-SS01-C-0000	Igloo B-1085 Drain	0-0.5	Composite		X	X
0628-B1086-SS01-M-0000	Igloo B-1086	0-0.25	MI		X	X
0628-B1086-SS01-C-0000	Igloo B-1086 Drain	0-0.5	Composite		X	X
0628-B1087-SS01-M-0000	Igloo B-1087	0-0.25	MI		X	X
0628-B1087-SS01-C-0000	Igloo B-1087 Drain	0-0.5	Composite		X	X
0628-B1088-SS01-M-0000	Igloo B-1088	0-0.25	MI		X	X
0628-B1088-SS01-C-0000	Igloo B-1088 Drain	0-0.5	Composite		X	X
0628-B1089-SS01-M-0000	Igloo B-1089	0-0.25	MI		X	X
0628-B1089-SS01-C-0000	Igloo B-1089 Drain	0-0.5	Composite		X	X
0628-B1090-SS01-M-0000	Igloo B-1090	0-0.25	MI		X	X
0628-B1090-SS01-C-0000	Igloo B-1090 Drain	0-0.5	Composite		X	X
0628-B1091-SS01-M-0000	Igloo B-1091	0-0.25	MI		X	X
0628-B1091-SS01-C-0000	Igloo B-1091 Drain	0-0.5	Composite		X	X
0628-B1092-SS01-M-0000	Igloo B-1092	0-0.25	MI		X	X
0628-B1092-SS01-C-0000	Igloo B-1092 Drain	0-0.5	Composite		X	X

Table 9-3 Proposed RCRA Facility Investigation Sampling and Analyses at AOC 28, Fort Wingate Depot Activity (4 of 5)

Method					Explosives	Metals
					8330B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment		
0628-B1093-SS01-M-0000	Igloo B-1093	0-0.25	MI		X	X
0628-B1093-SS01-C-0000	Igloo B-1093 Drain	0-0.5	Composite		X	X
0628-B1094-SS01-M-0000	Igloo B-1094	0-0.25	MI		X	X
0628-B1094-SS01-C-0000	Igloo B-1094 Drain	0-0.5	Composite		X	X
0628-B1095-SS01-M-0000	Igloo B-1095	0-0.25	MI		X	X
0628-B1095-SS01-C-0000	Igloo B-1095 Drain	0-0.5	Composite		X	X
0628-B1095-SS01-C-0000-DUP	Igloo B-1095 Drain	0-0.5	Composite DUP		X	X
0628-B1096-SS01-M-0000	Igloo B-1096	0-0.25	MI		X	X
0628-B1096-SS01-C-0000	Igloo B-1096 Drain	0-0.5	Composite		X	X
0628-B1097-SS01-M-0000	Igloo B-1097	0-0.25	MI		X	X
0628-B1097-SS01-C-0000	Igloo B-1097 Drain	0-0.5	Composite		X	X
0628-B1098-SS01-M-0000	Igloo B-1098	0-0.25	MI		X	X
0628-B1098-SS01-M-0000-MS/MSD	Igloo B-1098	0-0.25	MI	MS/MSD	X	X
0628-B1098-SS01-C-0000	Igloo B-1098 Drain	0-0.5	Composite		X	X
0628-B1099-SS01-M-0000	Igloo B-1099	0-0.25	MI		X	X
0628-B1099-SS01-C-0000	Igloo B-1099 Drain	0-0.5	Composite		X	X
0628-B1100-SS01-M-0000	Igloo B-1100	0-0.25	MI		X	X
0628-B1100-SS01-C-0000	Igloo B-1100 Drain	0-0.5	Composite		X	X
0628-YB1002-SS01-M-0000	Revetment Y-B1002	0.16-0.5	MI		X	X
0628-YB1003-SS01-M-0000	Revetment Y-B1003	0.16-0.5	MI		X	X
0628-YB1004-SS01-M-0000	Revetment Y-B1004	0.16-0.5	MI		X	X
0628-YB1005-SS01-M-0000	Revetment Y-B1005	0.16-0.5	MI		X	X
0628-YB1006-SS01-M-0000	Revetment Y-B1006	0.16-0.5	MI		X	X
0628-YB1008-SS01-M-0000	Revetment Y-B1008	0.16-0.5	MI		X	X
0628-YB1009-SS01-M-0000	Revetment Y-B1009	0.16-0.5	MI		X	X
0628-YB1011-SS01-M-0000	Revetment Y-B1011	0.16-0.5	MI		X	X
0628-YB1013-SS01-M-0000	Revetment Y-B1013	0.16-0.5	MI		X	X
0628-YB1013-SS01-M-0000-DUP	Revetment Y-B1013	0.16-0.5	MI DUP		X	X
0628-YB1014-SS01-M-0000	Revetment Y-B1014	0.16-0.5	MI		X	X
0628-YB1015-SS01-M-0000	Revetment Y-B1015	0.16-0.5	MI		X	X
0628-YB1017-SS01-M-0000	Revetment Y-B1017	0.16-0.5	MI		X	X
0628-YB1018-SS01-M-0000	Revetment Y-B1018	0.16-0.5	MI		X	X
0628-YB1018-SS01-M-0000-DUP	Revetment Y-B1018	0.16-0.5	MI DUP		X	X
0628-YB1019-SS01-M-0000	Revetment Y-B1019	0.16-0.5	MI		X	X
0628-YB1020-SS01-M-0000	Revetment Y-B1020	0.16-0.5	MI		X	X
0628-YB1021-SS01-M-0000	Revetment Y-B1021	0.16-0.5	MI		X	X
0628-YB1022-SS01-M-0000	Revetment Y-B1022	0.16-0.5	MI		X	X
0628-YB1023-SS01-M-0000	Revetment Y-B1023	0.16-0.5	MI		X	X
0628-YB1023-SS01-M-0000-MS/MSD	Revetment Y-B1023	0.16-0.5	MI	MS/MSD	X	X
0628-YB1024-SS01-M-0000	Revetment Y-B1024	0.16-0.5	MI		X	X
0628-YB1025-SS01-M-0000	Revetment Y-B1025	0.16-0.5	MI		X	X
0628-YB1027-SS01-M-0000	Revetment Y-B1027	0.16-0.5	MI		X	X
0628-YB1027-SS01-M-0000-DUP	Revetment Y-B1027	0.16-0.5	MI DUP		X	X
0628-YB1028-SS01-M-0000	Revetment Y-B1028	0.16-0.5	MI		X	X
0628-YB1029-SS01-M-0000	Revetment Y-B1029	0.16-0.5	MI		X	X
0628-YB1030-SS01-M-0000	Revetment Y-B1030	0.16-0.5	MI		X	X
0628-YB1032-SS01-M-0000	Revetment Y-B1032	0.16-0.5	MI		X	X
0628-YB1033-SS01-M-0000	Revetment Y-B1033	0.16-0.5	MI		X	X
0628-YB1034-SS01-M-0000	Revetment Y-B1034	0.16-0.5	MI		X	X
0628-YB1034-SS01-M-0000-MS/MSD	Revetment Y-B1034	0.16-0.5	MI	MS/MSD	X	X
0628-YB1035-SS01-M-0000	Revetment Y-B1035	0.16-0.5	MI		X	X
0628-YB1036-SS01-M-0000	Revetment Y-B1036	0.16-0.5	MI		X	X
0628-YB1038-SS01-M-0000	Revetment Y-B1038	0.16-0.5	MI		X	X
0628-YB1039-SS01-M-0000	Revetment Y-B1039	0.16-0.5	MI		X	X
0628-YB1039-SS01-M-0000-DUP	Revetment Y-B1039	0.16-0.5	MI DUP		X	X
0628-YB1040-SS01-M-0000	Revetment Y-B1040	0.16-0.5	MI		X	X
0628-YB1041-SS01-M-0000	Revetment Y-B1041	0.16-0.5	MI		X	X
0628-YB1042-SS01-M-0000	Revetment Y-B1042	0.16-0.5	MI		X	X
0628-YB1043-SS01-M-0000	Revetment Y-B1043	0.16-0.5	MI		X	X
0628-YB1045-SS01-M-0000	Revetment Y-B1045	0.16-0.5	MI		X	X
0628-YB1046-SS01-M-0000	Revetment Y-B1046	0.16-0.5	MI		X	X
0628-YB1047-SS01-M-0000	Revetment Y-B1047	0.16-0.5	MI		X	X
0628-YB1048-SS01-M-0000	Revetment Y-B1048	0.16-0.5	MI		X	X

Table 9-3 Proposed RCRA Facility Investigation Sampling and Analyses at AOC 28, Fort Wingate Depot Activity (5 of 5)

					Explosives	Metals
Method					8330B	SW6010B and SW7471A
Specific Analyses Requested					Explosives	RCRA Metals
Sample ID	Sample Location	Sample Depth (feet bgs)	Sample Type	COC Comment		
0628-YB1051-SS01-M-0000	Revetment Y-B1051	0.16-0.5	MI		X	X
0628-YB1051-SS01-M-0000-MS/MSD	Revetment Y-B1051	0.16-0.5	MI	MS/MSD	X	X
0628-YB1052-SS01-M-0000	Revetment Y-B1052	0.16-0.5	MI		X	X
0628-YB1055-SS01-M-0000	Revetment Y-B1055	0.16-0.5	MI		X	X
0628-YB1058-SS01-M-0000	Revetment Y-B1058	0.16-0.5	MI		X	X
0628-YB1059-SS01-M-0000	Revetment Y-B1059	0.16-0.5	MI		X	X
0628-YB1060-SS01-M-0000	Revetment Y-B1060	0.16-0.5	MI		X	X
0628-YB1061-SS01-M-0000	Revetment Y-B1061	0.16-0.5	MI		X	X
0628-YB1066-SS01-M-0000	Revetment Y-B1066	0.16-0.5	MI		X	X
0628-YB1067-SS01-M-0000	Revetment Y-B1067	0.16-0.5	MI		X	X
0628-YB1067-SS01-M-0000-MS/MSD	Revetment Y-B1067	0.16-0.5	MI	MS/MSD	X	X
0628-YB1068-SS01-M-0000	Revetment Y-B1068	0.16-0.5	MI		X	X
0628-YB1072-SS01-M-0000	Revetment Y-B1072	0.16-0.5	MI		X	X
0628-YB1074-SS01-M-0000	Revetment Y-B1074	0.16-0.5	MI		X	X
0628-YB1083-SS01-M-0000	Revetment Y-B1083	0.16-0.5	MI		X	X
0628-YB1084-SS01-M-0000	Revetment Y-B1084	0.16-0.5	MI		X	X
0628-YB1084-SS01-M-0000-DUP	Revetment Y-B1084	0.16-0.5	MI DUP		X	X
0628-YB1085-SS01-M-0000	Revetment Y-B1085	0.16-0.5	MI		X	X
0628-YB1086-SS01-M-0000	Revetment Y-B1086	0.16-0.5	MI		X	X
0628-EB01-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB02-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB03-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB04-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB05-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB06-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB07-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB08-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
0628-EB09-D	AOC 28	N/A	Discrete	Equipment Blank	X (rinsate)	X (rinsate)
Total Normal Samples					238	238
Total Duplicates					24	24
Total Equipment Blanks (Rinsate water sample)					9	9
Total Trip Blanks					0	0
Total MS/MSD Samples (lab counts each separately)					14	14
Total Soil Samples					290	290
Total Water Samples					9	9
Total Analyses					299	299

Notes

bgs = below ground surface
Discrete = discrete location sample
DUP = duplicate sample
Lab QC = Matrix spike/matrix spike duplicate sample set which will be **triple the normal sample volume**
MI = multi-incremental
N/A = not applicable

Photograph 9-1 Igloo B-1004, facing west, Fort Wingate Depot Activity

Photograph 9-2 Igloo B-1064, facing south, Fort Wingate Depot Activity

Photograph 9-3 Revetment Y-B1005, facing south, Fort Wingate Depot Activity

Photograph 9-4 Revetment Y-B1086 facing, south, Fort Wingate Depot Activity

1

10.0 AOC 42: Building 516

10.1 Background

10.1.1 Location, Description, and Operational History

Building 516 is listed as AOC 42 and is located in the northeast portion of Parcel 6, in the Workshop Area of the FWDA, as shown in Figure 10-1. Photographs 10-1 and 10-2, which are provided at the end of this section, show various views of Building 516. Building 516 is listed as the ammunition receiving building and was constructed in 1948. The building is a 400-square-foot brick structure with a reinforced concrete floor (FWDA, 1961; Daniel, 1994). This building has no water service and was not connected to the sanitary sewer.

Based on available documentation, Building 516 was used solely for the initial receipt and storage of ammunition. No specific documentation was available to indicate the types of ammunition stored or the exact dates of the operational history of Building 516.

10.1.2 Surface Conditions

The area adjacent to AOC 42 has a generally flat topography with a vegetation cover of grass and sagebrush.

10.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 42.

10.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 42. Ammunition was handled and temporarily stored at AOC 42; therefore, explosives and lead are considered the only COPCs. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the initial receipt and storage of ammunition.

10.2 Previous Investigations

10.2.1 Nonsampling Data

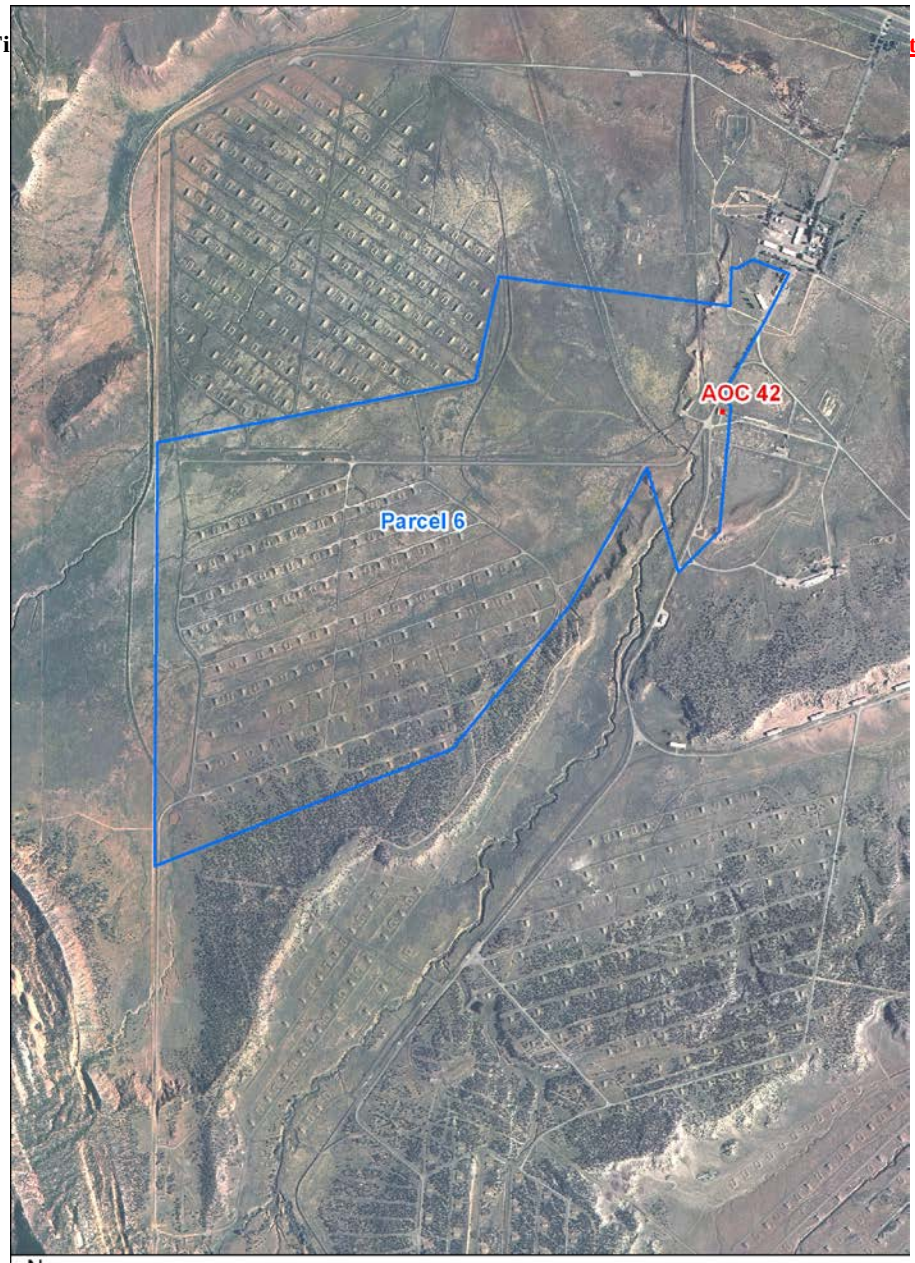
Facilities Data Fort Wingate Ordnance Depot, Gallup, New Mexico; FWDA, 1961

This report includes relevant construction information for Building 516.

New Mexico Historic Building Inventory Form; Daniel, 1994

This report includes relevant construction information for Building 516.

Fi **tion**



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Parcel 6 Boundary

AOC Boundary

Equals 1,500 feet

Figure 10-1

AOC 42 Location Map
Fort Wingate Depot Activity, New Mexico

CH2MHILL

~~February 2009~~April 2010

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 42 in the 2006 report is as follows:

1935 – No significant findings

1948 – Building 516 present; no significant findings

1952 – No significant findings

1958 – No significant findings

1962 – No significant findings

1966 – No significant findings

1973 – No significant findings

1978 – No significant findings

1985 – No significant findings

1991 – No significant findings

1993 – No photo coverage

1997 – No significant findings

While not specifically stated in the summary of this report, Building 516 is visible from 1948 to 1997. Based on further review of this report and the aerial photographs, it appears as if the 2006 report states "no significant findings" if there were no observed environmental concerns. That statement does not mean that the buildings were not present or that other changes to the area were not observed.

10.2.2 Sampling Data

Final Asbestos Survey Report, Volume II, Book 1; Pickering Environmental, 1990

This report includes results of an ACM investigation completed at various FWDA buildings. Results indicated that no ACM was present at Building 516.

Environmental Baseline Survey for the Transfer of Lands at Fort Wingate Depot Activity, New Mexico; USACE, 2000

This report documents a survey for ACM; no suspect ACM was found. No information exists regarding LBP or PCBs. LBP is assumed to be present based on building construction dates.

Release Assessment; CH2M HILL, 2008

Results of the release assessment sampling conducted in July 2008 are presented in Section 10.3.3.

10.2.3 Conceptual Model

10.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 42 that would result in COPCs being present at this site. This site was identified as an AOC based on the historical ammunition receiving activities at Building 516.

10.2.3.2 Fate and Transport

If contamination is present at AOC 42, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

10.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 10.3.3.

10.3 Release Assessment

10.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 42. As discussed above, this site was identified as an AOC based on historical ammunition receiving activities at Building 516.

10.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 42 on July 18, 2008. No man made debris or evidence of soil staining were observed at the ground surface at AOC 42. The interior of Building 516 was clear of any debris or staining.

A site reconnaissance field form and a copy of the field notes are presented in ~~Appendix F~~Appendix E which can be viewed on the CD included with this Work Plan. The photographs taken during the site walk are presented in ~~Appendix G~~Appendix F.

10.3.3 Soil Sampling

One ~~multi-incremental~~MI surface soil sample was collected at AOC 42 and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. The sample location is shown in Figure 10-2~~1~~. The ~~multi-incremental~~MI sample consisted of 10 individual sample locations, five each taken from the north and south side of the eastern loading ramp using a 10-foot spacing at a distance of 5 feet from the concrete ramp, as shown in Figure 10-2~~1~~.

No explosives were positively detected in the sample collected from AOC 42. Lead was detected at a low concentration of 21 mg/kg. This concentration is below the NMED residential SSL for lead, which is 400 mg/kg. A summary of the sample analytical results are presented in Table 10-1. The full laboratory report is presented in ~~Appendix H~~Appendix G. The DQE report is provided on the CD ~~in~~as ~~Appendix I~~Appendix H.

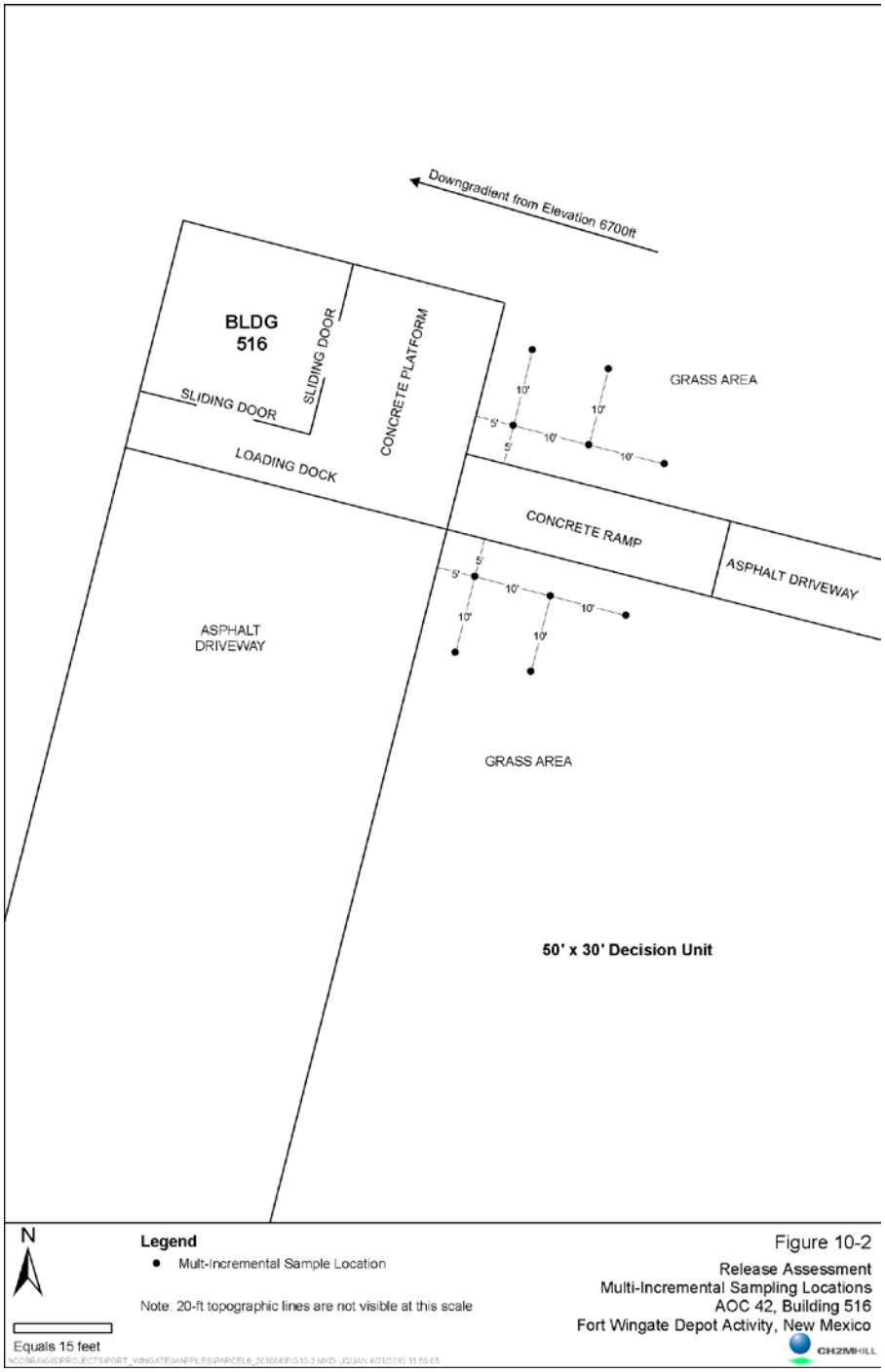

Figure 10-2
Release Assessment
Multi-Incremental Sampling Locations
AOC 42, Building 516
Fort Wingate Depot Activity, New Mexico

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Table 10-1 Release Assessment Laboratory Data Summary, AOC 42, Building 516, Fort Wingate Depot Activity

(concentrations in mg/kg)

Chemical Class and Laboratory Method	Analyte	RL[a]	NMED Residential Soil SSL[b]	Sample Type	Sample Depth (feet bgs)	AOC 42 FWDA-BLDG516-SS-072208 7/22/2008
Lead - EPA Method 6010B	Lead	0.3688	400	MI	0 - 1	21

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.

10.3.4 Screening Assessments

10.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, positively detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL, which are provided in ~~Appendix I~~Appendix I. Lead was the only positively detected COPC at AOC 42. Lead was detected at a maximum concentration of 21 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg.

10.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 42.

10.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, the ~~following conclusions are made for AOC 42:~~NMED has directed that additional MI samples be collected from the decision unit. The proposed sampling is discussed in Section 10.4.

10.4 Scope of Activities

The following field activities will be conducted during the RFI at AOC42:

- Collection of one surface soil MI sample from 0- to 6- inches bgs and one subsurface soil MI sample from 6- to 12- inches bgs in the decision unit east of Building 516.
- Analysis of the surface and subsurface MI samples to verify the results from the 2008 release assessment investigation.

10.4.1 Multi-Incremental Soil Sampling

Soil Sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC42. Based on the operational history, the COPC's for AOC42 are RCRA metals and explosives.

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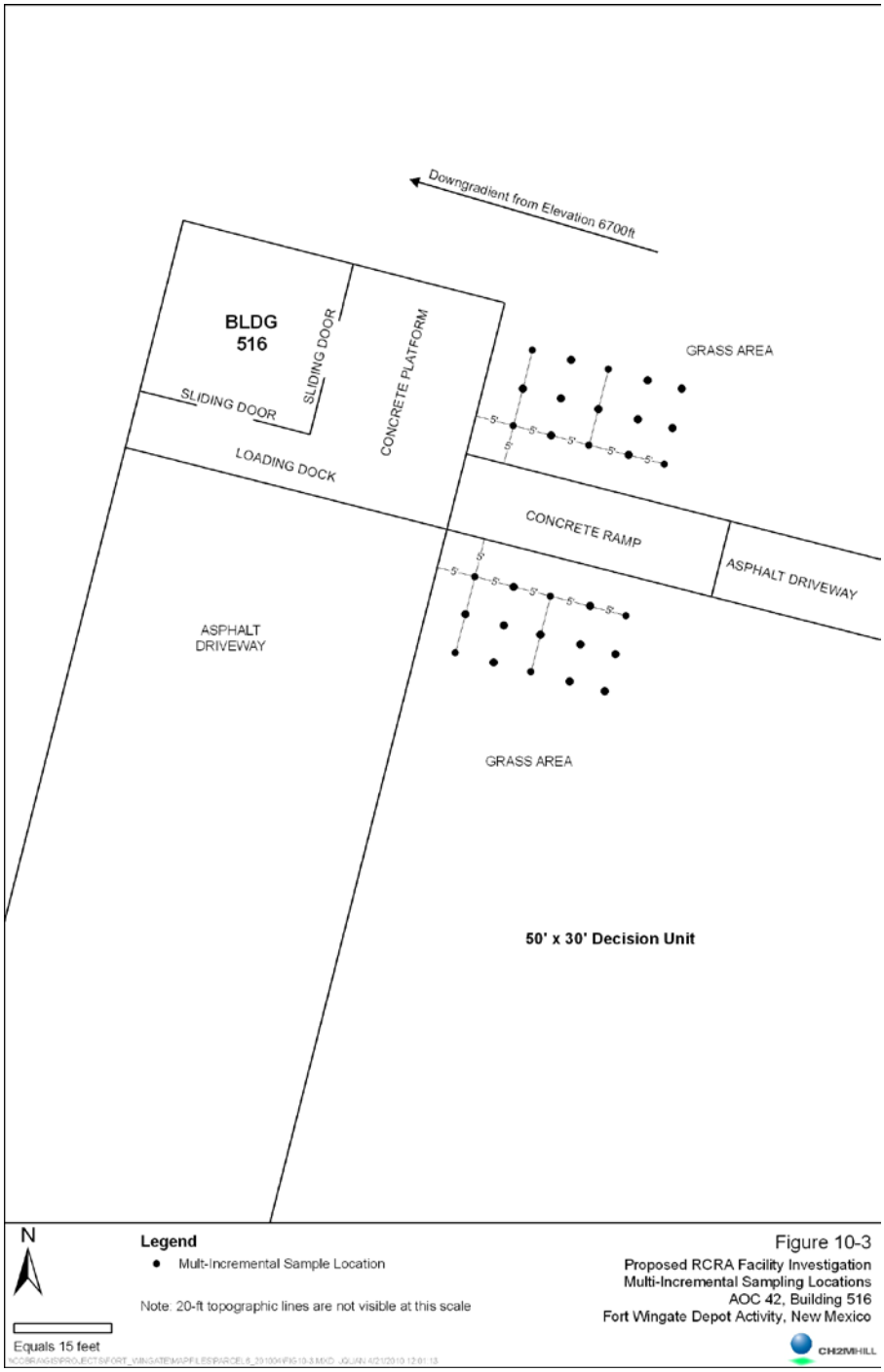
Field activities will include the collection of MI samples in the area east of the concrete platform and loading dock of Building 516. One MI decision unit, with dimensions of approximately 50 feet by 30 feet, will be created in this area as shown in Figure 10-3. A total of 60 subsamples will be collected using a hand auger from the decision unit. Thirty subsamples will be collected from 0- to 6- inches bgs, and 30 subsamples form 6- to 12- inches bgs in the decision unit.

Table 10-2 summarizes the proposed MI soil sampling at AOC42. All samples will be analyzed for RCRA metals (EPA Methods 6010B and 7471A) and explosives (EPA Method 8330B).

Table 10-2 Proposed RCRA Facility Investigation Sampling and Analyses for AOC 42, Fort Wingate Depot Activity

Sample Analysis Analytical Method					**RCRA Metals 6010B and 7471A**	**Explosives 8330B**
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0642-B516-SS01-M-0000	AOC 42	SB01	MI	0 – 0.5	x	x
0642-B516-SS01-M-0000-DUP	AOC 42	SB01	MI DUP	0 – 0.5	x	x
0642-B516-SB01-M-0001	AOC 42	SB01	MI	0.5 – 1.0	x	x
0642-B516-SB01-M-0001-MS/MSD	AOC 42	SB01	MI MS/MSD	0.5 – 1.0	x	x
0642-EB01	AOC 42	SB01	Equipment Blank	N/A	x	x
Total Normal Samples					2	2
Total Duplicates					1	1
Total Equipment Blanks (Rinsate water sample)					1	1
Total MS/MSD Samples (lab counts each separately)					1	1
Total Soil Samples					5	5
Total Water Samples					1	1
Total Analyses					6	6

bgs = below ground surface
DUP = duplicate sample
MI = multi-incremental
RCRA = Resource Conservation and Recovery Act



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•~~Based on the limited number and low concentrations of COPCs detected at AOC 42, the AOC is AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been has been characterized or remediated in accordance with current applicable state or federal applicable state or federal regulations. The available data indicate that the contaminants pose an the contaminants pose an acceptable level of risk under current and projected future land use. and projected future land use.~~

~~10.3.6Scope of Activities~~

~~Based on the release assessment investigation results, the following recommendations are made for AOC 42:~~

•~~It is recommended that NFA decision documents be prepared for AOC 42.~~

Photograph 10-1 Building 516, facing southwest, Fort Wingate Depot Activity

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Photograph 10-2 Interior of Building 516, facing west, Fort Wingate Depot Activity

11.0 AOC 61: Building 507

11.1 Background

11.1.1 Location, Description, and Operational History

Building 507 is listed as AOC 61 and is located in the northeast portion of Parcel 6, in the Workshop Area of the FWDA installation, as shown in Figure 11-1. Photographs 11-1 and 11-2, which are provided at the end of this section, show various views of Building 507. Building 507 is listed as the smokeless powder magazine and was constructed in 1948. This building has 100 square feet of usable area and is constructed of concrete with an earth-fill covering and a reinforced concrete floor (FWDA, 1961). This building has no water service and was not connected to the sanitary sewer.

Based on available documentation, Building 507 was used solely for the storage of smokeless powder. Smokeless powder is the name given to a number of propellants used in artillery and firearms. The types of smokeless powder historically stored at Building 507 would likely include cordite and ballistite. No specific documentation was available to indicate the types of smokeless powder stored or the exact dates of the operational history of Building 507.

11.1.2 Surface Conditions

The area adjacent to AOC 61 has a generally flat topography with a vegetation cover of grass and sagebrush.

11.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 61.

11.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 61. Explosives were handled and stored at AOC 61; therefore, explosives are considered the only COPC. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the storage of smokeless powder.

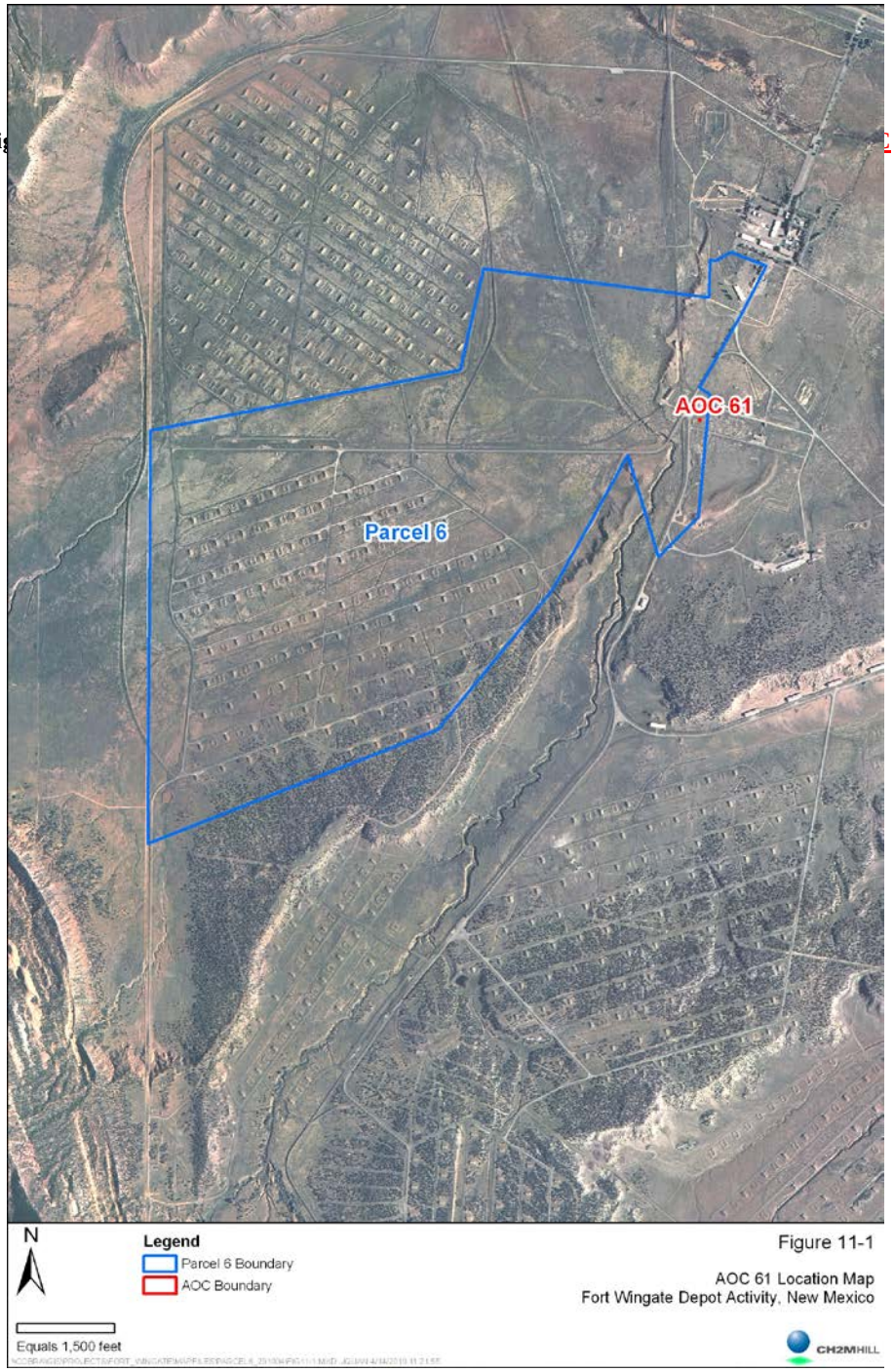
11.2 Previous Investigations

11.2.1 Nonsampling Data

Facilities Data Fort Wingate Ordnance Depot, Gallup, New Mexico; FWDA, 1961

This report includes relevant construction information for Building 507.

Fig **C 61,**


AOC 61
Parcel 6
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Parcel 6 Boundary
AOC Boundary
Equals 1,500 feet
Figure 11-1
AOC 61 Location Map
Fort Wingate Depot Activity, New Mexico
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Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 61 in the 2006 report is as follows:

1935 – No significant findings

1948 – Building 507 present; no significant findings

1952 – Building 507 present; no significant findings

1958 – No significant findings

1962 – No significant findings

1966 – No significant findings

1973 – No significant findings

1978 – No significant findings

1985 – No significant findings

1991 – No significant findings

1993 – No photo coverage

1997 – No significant findings

While not specifically stated in the summary from the report above, Building 507 is visible from 1948 to 1997. Based on further review of this report and the aerial photographs, it appears as if the 2006 report states "no significant findings" if there were no observed environmental concerns. That statement does not mean that the buildings were not present or that other changes to the area were not observed.

11.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 11.3.3.

11.2.3 Conceptual Model

11.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 61 that would result in COPCs being present at this site. This site was identified as an AOC based on historical storage of smokeless powder at Building 507.

11.2.3.2 Fate and Transport

If contamination is present at AOC 61, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

11.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 11.3.3.

11.3 Release Assessment

11.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 61. As discussed above, this site was identified as an AOC based on historical storage of smokeless powder at Building 507.

11.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 61 on July 18, 2008. No man-made debris or evidence of soil staining was observed at the ground surface at AOC 61. The interior of Building 507 was clear of any debris or staining.

A site reconnaissance field form and a copy of the field notes are presented in ~~Appendix F~~Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in ~~Appendix G~~Appendix F.

11.3.3 Soil Sampling

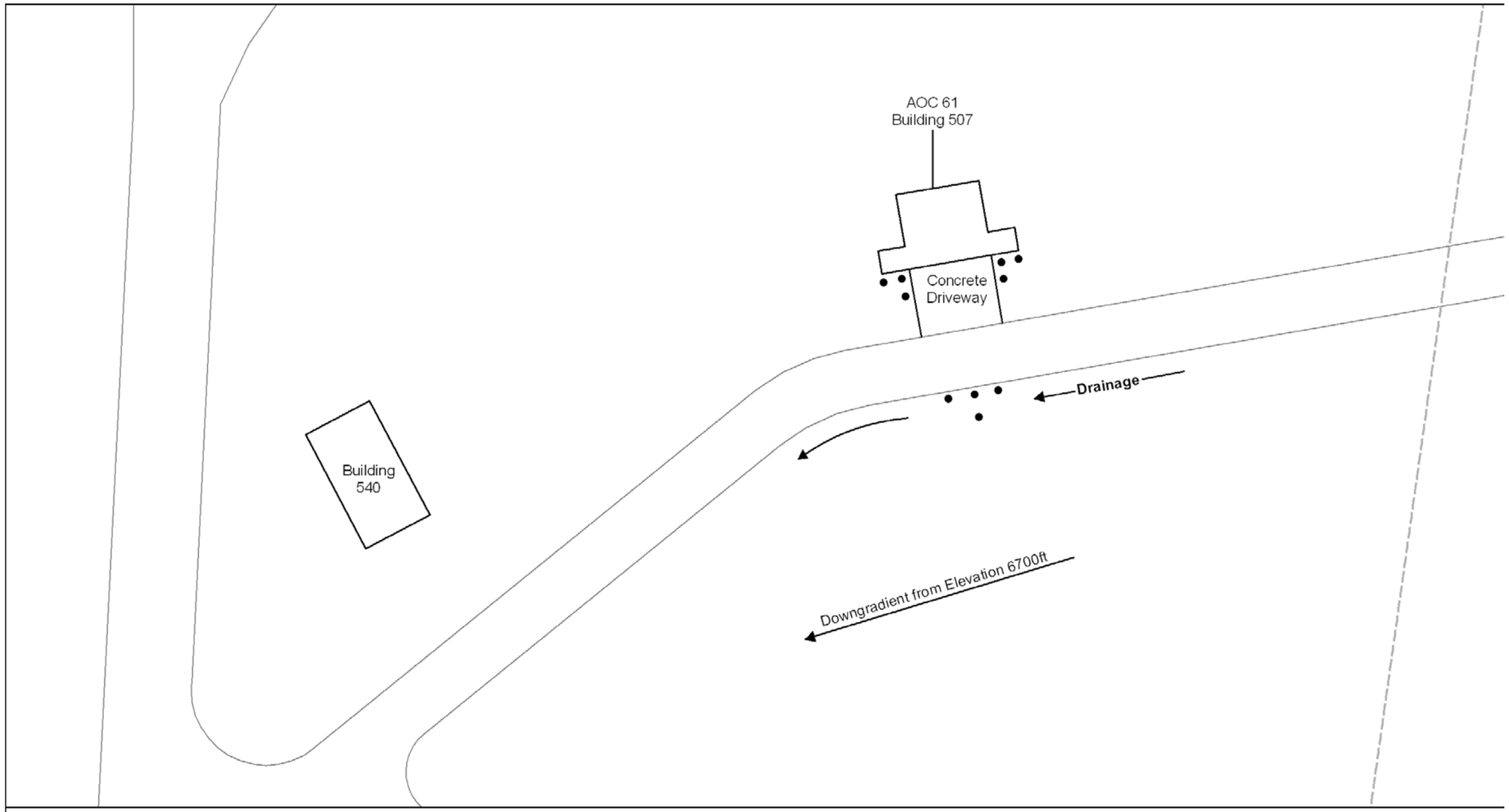
One ~~multi-incremental~~MI surface soil sample was collected at AOC 61 and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. The sample location is shown in Figure 11-2~~1~~. The ~~multi-incremental~~MI sample consisted of 10 individual sample locations, three taken from each side of the driveway leading to the interior of the building using a 5-foot spacing pattern and four taken from across the access road leading to the AOC using a 5-foot spacing pattern, as shown in Figure 11-2~~1~~.

Results indicate that three explosives compounds (2,4-dinitrotoluene, 2,6-dinitrololuene, and 2-nitrotoluene) and lead were detected at low or qualified concentrations below the NMED residential SSLs or the EPA ~~Region 6 MSSL~~RSLs for soil. A summary of the sample analysis results is presented in Table 11-1. The full laboratory report is presented in ~~Appendix H~~Appendix G. The DQE report is provided in ~~Appendix I~~Appendix H. Appendix G and H can be viewed on the CD provided with this Work Plan.~~.~~

11.3.4 Screening Assessments

11.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL for all positively detected compounds. Detected compounds were evaluated based on comparison to their toxicological endpoint and comparison to NMED residential direct exposure to SSL (~~NMED, 2006~~NMED, 2009), or if no NMED SSL exists, to the EPA ~~Region 6 MSSL~~RSL for soil (~~EPA, 2008~~EPA, 2009), as described in Attachment 7, Section 7.2 of the RCRA Permit. The NMED SSL and EPA ~~Region 6 MSSL~~RSL are provided in ~~Appendix J~~Appendix I.



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- Mulit-Incremental Sampling Location

Note: 20-ft topographic lines are not visible at this scale

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Figure 11-2

Release Assessment
Multi-Incremental Sampling Locations
AOC 61, Building 507
Fort Wingate Depot Activity, New Mexico

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Table 11-1 Release Assessment of Laboratory Data Summary, ~~Area of Concern~~AOC 61, Building 507 (concentrations shown in mg/kg)

Chemical Class and Laboratory Method	Analyte	RL[a]	NMED Residential Soil SSL[b]	Sample Type	Sample Depth (feet bgs)	AOC 61 FWDA-BLDG507-SS-072208 7/22/2008
Lead - EPA Method 6010B	Lead	0.3688	400	MI	0 - 1	30.8
Explosives- EPA Method 8330B	2,4-Dinitrotoluene	0.23	12.6	MI	0 - 1	0.068 J
	2,6-Dinitrotoluene	0.2	61.2	MI	0 - 1	0.42
	2-Nitrotoluene	0.14	29.1	MI	0 - 1	0.092 J

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[c] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.
Positive detections of explosives compounds are shaded.
Sample collected from 0 to 1 feet below ground surface.
N/A – Not Applicable NC – Non Carcinogen C – Carcinogen Sat – Soil Saturation MI - Multi-incremental

The following positively detected compounds were considered for further screening assessment:

- 2,4-dinitrotoluene, 0.068J mg/kg (J represents estimated value)
- 2,6-dinitrotoluene, 0.42 mg/kg
- 2-nitrotoluene, 0.092J mg/kg
- Lead, 30.8 mg/kg

In accordance with NMED guidance, identified COPCs were used to generate a site risk ratio by dividing the COPC maximum detected concentrations by their respective screening levels and summing all values. The calculations are presented in Equations 11.1 and 11.2.

Equation 11.1 – AOC 61 Noncarcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for 2,4-dinitrotoluene and 2,6-dinitrotoluene}}{\text{NMED residential SSL or EPA Region 6 residential MSSL for direct exposure to soil for each compound}} = \text{Noncarcinogenic Site Risk Ratio}$$

$$\left[\frac{0.068J\ mg/kg}{122\ mg/kg} + \frac{0.42\ mg/kg}{61\ mg/kg} = 0.007\ Site\ Risk\ Ratio\right]$$

Equation 11.2 – AOC 61 Carcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for 2-nitrotoluene}}{\text{NMED residential SSL for direct exposure to soil for 2-nitrotoluene}} = \text{Carcinogenic Site Risk Ratio}$$

$$\left[\frac{0.092J\ mg/kg}{10.8\ mg/kg} = 0.009\ Site\ Risk\ Ratio\right]$$

In accordance with NMED guidance, the residential human health-based site risk ratio was calculated to be 0.007 for noncarcinogenic compounds and 0.009 for carcinogenic compounds. Lead was detected at a maximum concentration of 30.8 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg. The calculated risk ratios are below the maximum acceptable ratio of 1. Therefore, the COPCs at this site pose an acceptable level of risk.

11.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 61.

11.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, ~~the following conclusions are made for AOC 61:~~NMED has directed that additional MI samples be collected from the decision unit. The proposed sampling is discussed in Section 11.4.

11.4 Scope of Activities

The following field activities will be conducted during the RFI at AOC 61:

- Collection of one surface soil MI sample from 0- to 6- inches bgs and one subsurface soil MI sample from 6- to 12- inches bgs in the decision unit east of Building 507.
- Analysis of the surface and subsurface MI samples to verify the results from the 2008 release assessment investigation.

11.4.1 Multi-Incremental Soil Sampling

Soil Sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 61. Based on the operational history, the COPC's for AOC 61 are explosives. Due to the detection of lead during the release assessment investigation, RCRA metals will be included in the RFI analytical program.

Field activities will include the collection of MI samples in the area south of Building 507. One decision unit, with dimensions of approximately 40 feet by 40 feet, will be created as shown on Figure 11-3. A total of 60 subsamples will be collected using a hand auger from the decision unit. Thirty subsamples will be collected from 0- to 6- inches bgs, and 30 subsamples form 6- to 12- inches bgs in the decision unit.

Table 11-2 summarizes the proposed MI soil sampling at AOC 61. All samples will be analyzed for RCRA metals (EPA Methods 6010B and 7471A) and explosives (EPA Method 8330B).

Table 11-2 Proposed RCRA Facility Investigation Sampling and Analyses for AOC 61, Fort Wingate Depot Activity

Sample Analysis					RCRA Metals	Explosives
Analytical Method					6010B and 7471A	8330B
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0661-B507-SS01-M-0000	AOC 61	SB01	MI	0 – 0.5	x	x
0661-B507-SS01-M-0000-DUP	AOC 61	SB01	MI DUP	0 – 0.5	x	x
0661-B507-SB01-M-0001	AOC 61	SB01	MI	0.5 – 1.0	x	x
0661-B507-SB01-M-0001-MS/MSD	AOC 61	SB01	MI MS/MSD	0.5 – 1.0	x	x
0661-EB01	AOC 61	SB01	Equipment Blank	N/A	x	x
Total Normal Samples					2	2
Total Duplicates					1	1
Total Equipment Blanks (Rinsate water sample)					1	1
Total MS/MSD Samples (lab counts each separately)					1	1
Total Soil Samples					5	5
Total Water Samples					1	1
Total Analyses					6	6

bgs = below ground surface
MI = multi-incremental
RCRA = Resource Conservation and Recovery Act

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- ~~Based on the limited number and low concentrations of COPCs detected at AOC 61, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.~~

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~~11.3.6Scope of Activities~~

~~Based on the release assessment investigation results, the following recommendations are made for AOC 61:~~

- ~~It is recommended that NFA decision documents be prepared for AOC 61.~~

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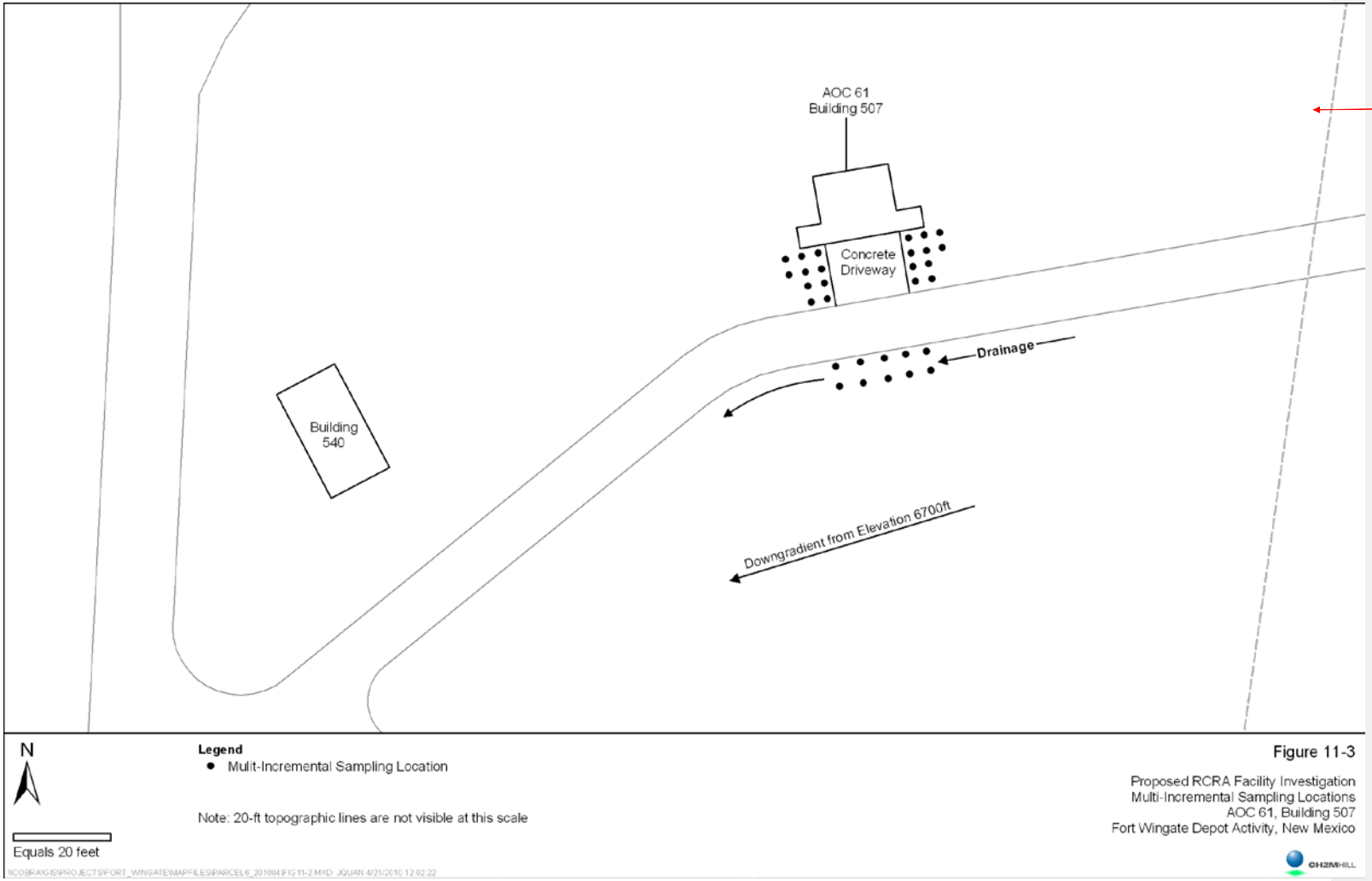

Figure 11-3

Proposed RCRA Facility Investigation
Multi-Incremental Sampling Locations
AOC 61, Building 507
Fort Wingate Depot Activity, New Mexico

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Photograph 11-1 Building 507, facing northeast, Fort Wingate Depot Activity

Photograph 11-2 Building 507, facing northwest, Fort Wingate Depot Activity

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12.0 AOC 75: Electrical Transformers

12.1 Background

12.1.1 Location, Description, and Operational History

AOC 75 is identified as the electrical transformers located within Parcel 6. There is no specific information in the available historical documents as to the location of or previous environmental releases from electrical transformers located within Parcel 6. Site reconnaissance indicated that there are four electrical transformers located in Parcel 6, as shown in Figure 12-1.

One electrical transformer is located at each of the following sites:

- A power pole-mounted transformer located to the northwest of Building 51
- A power pole-mounted transformer located to the west of Building 33
- A power pole-mounted transformer located to the north of Building 516
- At the ground surface to the northeast of Building 537.

Photographs 12-1 through 12-4, which are provided at the end of this section, show various views of the electrical transformers. The date of installation of the electrical transformers is unknown.

12.1.2 Surface Conditions

The electrical transformer adjacent to Building 51 is underlain by grass with a generally flat topography. The electrical transformer near Building 33 is underlain by an asphalt parking lot with flat topography. The electrical transformer near Building 519 is underlain by grass and sagebrush with a generally flat topography. The ground surface for the electrical transformer near Building 537 has been elevated from the surrounding area. The electrical transformer is located on top of a concrete pad which is on top of mounded native soil and rock that has minimally revegetated, giving indication that this transformer may have been recently installed. The surface condition of the surrounding area is generally flat with a northerly drainage feature covered by grass and sagebrush.

12.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 75.

12.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 75. This site was identified as an AOC based on the possibility that some electrical transformers at the FWDA area may have contained PCBs. Therefore, PCBs are the COPC for AOC 75.

12.2 Previous Investigations

12.2.1 Nonsampling Data

No nonsampling data is available for AOC 75.

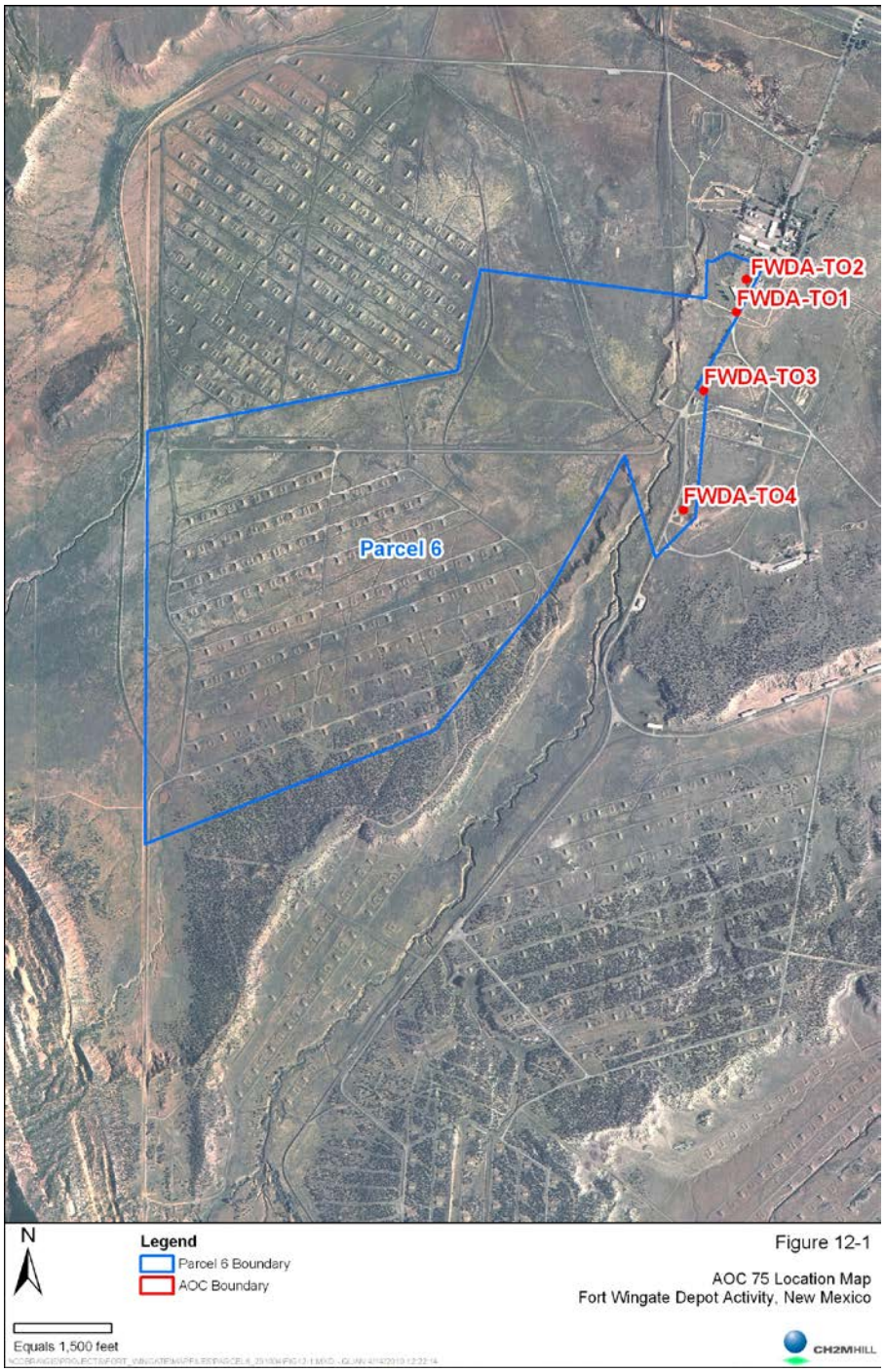

Figure 12-1

AOC 75 Location Map
Fort Wingate Depot Activity, New Mexico

12.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 12.3.3.

12.2.3 Conceptual Model

12.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment from the current electrical transformers within Parcel 6 that would result in COPCs being present at these sites.

12.2.3.2 Fate and Transport

If contamination is present at the AOC 75 sites, they could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

12.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 12.3.3.

12.3 Release Assessment

12.3.1 Historical Records/Document Review

There were no historical records or documents found relating to the location, date of installation, or type of electrical transformers expected to be found within Parcel 6. However, none of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 75 within Parcel 6.

12.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 75 on July 30, 2008. Four electrical transformers were found within Parcel 6. The first power pole-mounted transformer is located immediately to the east of Building 51. No staining was observed on the transformer or the ground surface below the transformer. The second power pole-mounted transformer is located immediately to the west of Building 33 in a parking lot area. No staining was observed on the transformer or the ground surface below the transformer and a blue “No PCBs” sticker is attached to this transformer. The third power pole-mounted transformer is located to the north of Building 516. No staining was observed on the transformer or the ground surface below the transformer and a blue “No PCBs” sticker is attached to this transformer. The fourth transformer is a ground surface-mounted transformer to the northeast of Building 537. This transformer appeared to be more recently installed and no staining was observed on the transformer or the ground surface adjacent to the transformer.

Site reconnaissance field forms for each of the four transformers and a copy of the field notes are presented in ~~Appendix F~~Appendix E and can be viewed on the CD provided with this Work Plan. The photographs taken during the site reconnaissance are presented in ~~Appendix G~~Appendix F.

12.3.3 Soil Sampling

Surface soil samples were collected at each of the four AOC 75 locations. The sample locations are shown in Figure 12-~~1~~2. One ~~multi-incremental~~MI sample was collected at each transformer location and analyzed for PCBs using EPA Method 8082. Each of the multi-incremental samples collected consisted of nine individual sample locations taken from a 4-foot-by-4-foot sampling grid and composited into one ~~multi-incremental~~MI sample with the exception of the ground surface transformer sample which consisted of an 8.5-foot sampling grid centered on the transformer.

Results indicate that no PCBs were detected in any of the samples. ~~A summary of the sample analysis results is presented in Table 12-1.~~ The full laboratory report is presented in ~~Appendix H~~Appendix G. The DQE report is provided in ~~Appendix I~~Appendix H.

12.3.4 Screening Assessments

12.3.4.1 Human Health Screening Assessment

No COPCs were positively detected at any of the AOC 75 sites; therefore, a human health screening assessment was not performed.

12.3.4.2 Risk Assessments

No COPCs were positively detected at any of the AOC 75 sites; therefore, full human health and ecological risk assessments are not necessary for AOC 75.

12.3.5 Release Assessment Conclusion

Based on the release assessment investigation results~~, the following conclusions are made for AOC 75:~~, the NMED has directed that discrete soil samples be collected at each transformer location.

12.4 Scope of Activities

The following field activities will be conducted during the RFI at AOC 75:

- Collection of one discrete soil sample from 1- to 6- inches bgs for each transformer location.
- Analysis of the surface soil samples to verify the results from the 2008 release assessment investigation.

~~12.3.6~~12.4.1 Discrete Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 75. Based on the operational history, the COPC's for AOC 75 are PCBs.

Field activities will include the collection of discrete surface soil samples at each transformer location. Discrete soil samples will be collected from 1- to 6- inches bgs using a hang auger. The proposed sampling locations are shown on Figure 12-2.

Table 12-1, summarizes the proposed soil sampling at AOC 75. All samples will be analyzed for PCB's (EPA Method 8082).

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- ~~Based on no detections of COPCs at AOC 75 within Parcel 6, the Parcel 6 portion of AOC 75 is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.~~

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~~12.3.6Scope of Activities~~

~~Based on the release assessment investigation results, the following recommendations are made for AOC 75:~~

- ~~It is recommended that NFA decision documents be prepared for AOC 75 within Parcel 6.~~

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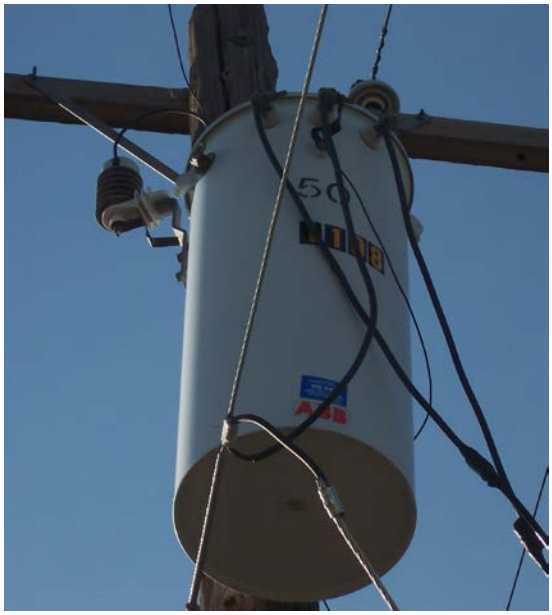

Photograph 12-1 Transformer 01, AOC 75, Fort Wingate Depot Activity.

Photograph 12-2 Transformer02, facing northeast, AOC 75, Fort Wingate Depot Activity

Photograph 12-3 Transformer 03, facing southeast, AOC 75, Fort Wingate Depot Activity

Photograph 12-4 Transformer 04, facing southwest, AOC 75, Fort Wingate Depot Activity

13.0 AOC 78/82: Feature 18

13.1 Background

13.1.1 Location, Description, and Operational History

AOC 78/82 is located in the far southwest portion of Parcel 6, extending into Parcels 5A and 4A, as shown in Figure 13-1. Photographs 13-1 through 13-4, which are provided at the end of this section, show various views of AOC 78/82. This AOC is described as Feature 18 on 1973 aerial photo (API-5) in the 1995 Archive Search Report (USACE, 1995). There are four sub-areas of AOC 78/82 that for the purposes of this report are identified as A through D from south to north.

Review of historical FWDA maps for this area indicates that AOC 78/82 sub-areas A through D were used as Open Storage Sites or as Standard Ammunition Magazines. Temporary building numbers of Z-228; Z-224 or X-24; Z-227; and Z-223 or X-23 were identified from south to north for sub-areas A through D. Standard Ammunition Magazines were located at various places across the depot and consisted of covered open-air structures with no walls. Munitions were temporarily stored at these locations from the 1940s to the 1960s. Based on a review of the aerial photographs and available documents, munitions were temporarily stored at AOC 78/82 beginning in the 1940s. Storage operations ceased in the 1960s.

13.1.2 Surface Conditions

AOC 78/82 has a generally flat topography, dipping slightly to the west toward the area drainage feature located immediately to the east of the west patrol road. Vegetation cover at the site consists of mostly grass and sagebrush with some piñon and juniper in the far eastern portions of the AOC. The west patrol road serves as a drainage divide between Parcel 4A and 4B, and Parcel 5A and 5B.

13.1.3 Subsurface Conditions

A subsurface investigation was completed at AOC 78/82 as part of the release assessment as described in Section 13.3.5. As part of this investigation it was determined that the upper approximately 20 inches of sediment is native silt-loam type soil that contained metallic scrap and debris related to the historical operations at the site. All recovered scrap and debris were removed as part of this investigation.

13.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 78/82. This site was identified as an AOC based solely on aerial photography. Explosives were handled and stored at AOC 78/82; therefore, explosives and lead are considered the COPCs for this site. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the temporary storage of munitions.

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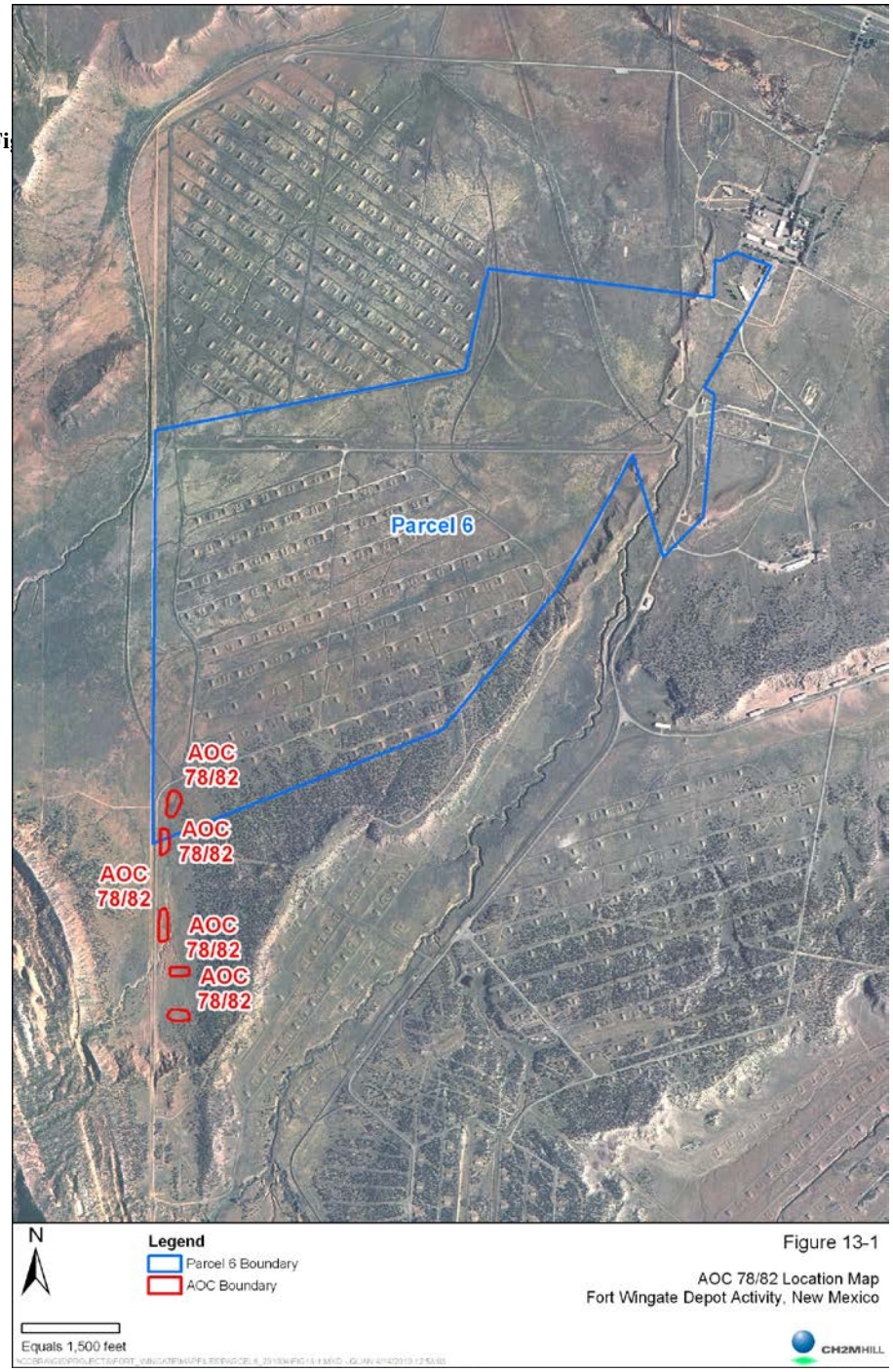

Figure 13-1

AOC 78/82 Location Map
Fort Wingate Depot Activity, New Mexico

13.2 Previous Investigations

13.2.1 Nonsampling Data

Nonsampling data available for AOC 78/82 are summarized below.

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 78/82 in the 2006 report is as follows:

1935 – No significant findings

1948 – Two graded areas are present.

1952 – Two graded scarred areas are present.

1958 – Two graded areas are present.

1962 – One graded area remains.

1966 – One of the graded areas remains.

1973 – A pond has been constructed in the northernmost area; three scarred or graded areas are present to the south

1978 – The pond and two graded areas remain

1985 – The pond remains to the north; the graded areas are revegetating

1991 – The pond remains to the north; a trench or excavation is visible south of the pond; the former graded areas are mostly revegetating.

1993 – No photo coverage

1997 – The pond remains to the north

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within AOC 78/82. However, the report includes background information relevant to areas at the FWDA installation that were previously used to temporarily store inert items and ordnance, such as AOC 78/82. The report indicates that buildings designated with an X- identifier were wood-framed structures with a roof but no walls. These buildings had earth or gravel floors and were present at the FWDA installation from approximately 1945 to 1980. Areas with a Z- identifier were either buildings such as those with the X- identifier or were flat open storage areas with no associated building that were present at the FWDA installation from approximately 1945 to 1980.

13.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Sections 13.3.3 and 13.3.4.

13.2.3 Conceptual Model

13.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 78/82 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have been an area of disturbed ground. However, historical documentation indicates that the area of disturbed ground previously contained Open Storage Sites or Standard Ammunition Magazines, which were buildings used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning in the 1940s and continued until the 1960s when the buildings were removed.

13.2.3.2 Fate and Transport

If contamination is present at AOC 78/82, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

13.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 13.3.3.

13.3 Release Assessment

13.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 78/82. As noted in the aerial photograph analysis report (ERI, 2006), there were no significant findings for AOC 78/82 on any of the photos reviewed from 1935 to 1997 that would suggest a release to the environment at this site other than grading and ground scars. However, review of available documentation indicates that AOC 78/82 previously contained Open Storage Sites or Standard Ammunition Magazines, which were buildings used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning in the 1940s and continued until the 1960s when the buildings were removed.

13.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 78/82 on July 30, 2008. A site walk revealed several small areas containing metallic scrap consisting of nails, bolts, metal packaging banding, as well as several areas containing roofing material and small pieces of lumber.

Construction of a pond was indicated in the previous aerial photograph review. Further review indicates that this area is not a constructed pond, but a low-lying area in the natural drainage that floods and fills with water due to the construction of the west patrol road, which restricts the flow of surface water. No man-made debris was observed at the time of inspection.

A site reconnaissance field form and a copy of the field notes are presented in ~~Appendix F~~Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in ~~Appendix G~~Appendix F.

13.3.3 Soil Sampling

Surface soil samples were collected at two general locations at each of AOC 78/82 locations A through D. The sample locations are shown in Figure 13-2~~1~~. Sample locations were chosen in the areas most likely to be affected by previous operations at the individual sites as determined during the field investigation. Each of the eight decision units for the MI sampling was 100 feet by 100 feet in size. The area of each decision unit is slightly less than 0.25 acre and was selected as representative of a residential lot size. Multi-incremental samples were collected and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. Each of the ~~multi-incremental~~MI samples collected consisted of ten individual subsamples collected from 0-to 12-inches bgs ~~locations taken from a 50-foot-by-50-foot sampling grid~~ and composited into one ~~multi-incremental~~MI sample, for a total of eight samples.

~~Results indicate that s~~Seven explosives compounds (1,3,5-trinitrobenzene, 2,4-dinitrotoluene, 2,6-dinitrololuene, 4-amino-2,6-dinitrotoluene, 3-nitrotoluene, RDX, and tetryl [2,4,6-trinitrophenol]) and lead were detected at ~~low or qualified~~ concentrations below the NMED residential SSLs or the EPA ~~Region 6 MSSL~~RSLs for soil. A summary of the sample analysis results is presented in Table 13-1. The full laboratory report is presented in ~~Appendix H~~Appendix G. The DQE report is provided in ~~Appendix I~~Appendix H.

13.3.4 Digital Geophysical Mapping

CH2M HILL's geophysical services subcontractor, NAEVA Geophysics, Inc. (NAEVA) performed the digital geophysical mapping of AOC 78/82 using a Geonics EM-61 Mk.2 and the Trimble® 5700 Global Positioning System (GPS) receiver using Real Time Kinematic (RTK) technique. The survey equipment and methodology are described below.

The EM-61 Mk.2 is a high spatial resolution, time-domain electromagnetic instrument designed to detect shallow ferrous and non-ferrous metallic objects. The EM-61 Mk.2 system consists of two air-cored coils, a digital data recorder, batteries and processing electronics. The larger of the two coils (mounted closest to the ground), houses a transmitter that generates a pulsed primary magnetic field, which then induces eddy currents in nearby metallic objects. Both the lower and upper coils house receivers, with the capability to either measure the eddy currents at three distinct time intervals in the bottom coil and one time interval in the top coil; or four intervals in the bottom coil if no top coil measurements are recorded. Four time gates from the bottom coil were recorded for the digital geophysical mapping (DGM) surveys at Fort Wingate. Secondary voltages induced in both coils are measured in millivolts. The arrangement of coils is such that there is a vertical separation of 40 centimeters (cm) from the ground to the bottom coil. Assuming accurate data positioning, target resolution of approximately 0.5 meters can be expected. The data are collected using Geomar Software Inc.'s Nav61MK2 program and temporarily stored in an Allegro CX Field PC® prior to downloading to a laptop computer.

Trimble® 5700 RTK GPS is a 24-channel dual frequency RTK receiver that uses two low power radio signals designated as L1 (1575.42 megahertz) and L2 (1227.60 megahertz). This system operates with a base and a rover unit; the base sends corrections to the rover via radio link, thus maintaining a 3 cm horizontal accuracy and a 5 cm vertical accuracy. For configuration with the EM-61 Mk.2, the rover is set to output a Global Positioning System Fix Data format (National Marine Electronics Association) string at 1 Hertz which is captured into the TrackMaker data logging system (NAV61MK2) program and temporarily stored in the Allegro CX Field PC®. The base station utilized for this survey was a Trimble R8 Global Navigation Satellite System (GNSS). The R8 GNSS is a multichannel, multi-frequency receiver, antenna, and data-link radio combined in one device. It uses Trimble R-Track technology to support all GPS signals, including the new L2C signal

(transmitted on the L2 frequency) and the planned L5 (civilian safety of life) signal of GPS Modernization, and also supports the Global Orbiting Navigation Satellite System (GLONASS).

Table 13-1 Release Assessment Laboratory Data Summary for AOC 78/82, Feature 18 (concentrations in mg/kg)

Chemical Class and Laboratory Method	Analyte	RL[a]	NMED Residential Soil SSL[b]	AOC 78	AOC 78	AOC 78
				FWDA-AOC78A-01-SS-072108	FWDA-AOC78A-02-SS-072108	FWDA-AOC78B-01-SS-072108
				7/21/2008	7/21/2008	7/21/2008
Lead - EPA Method 6010B	Lead	0.3688	400	7.4	6.6	4.9
Explosives- EPA Method 8330B	1,3,5-Trinitrobenzene	0.2	2,200[c]	<0.2	<0.2	0.1 J
Chemical Class and Laboratory Method	**Analyte**	**RL[a]**	**NMED Residential Soil SSL[b]**	AOC 78	AOC 78	AOC 78
				FWDA-AOC78B-02-SS-072108	FWDA-AOC78C-01-SS-072208	02-SS-072208-DUP
				7/21/2008	7/22/2008	7/22/2008
Lead - EPA Method 6010B	Lead	0.3688	400	5.7	4.6	4.1
Explosives- EPA Method 8330B	2,4-Dinitrotoluene	0.23	12.6	<0.23	<0.23	0.14 J
	2,6-Dinitrotoluene	0.2	61.2	<0.2	<0.2	0.13 J
	4-Amino-2,6-dinitrotoluene	0.25	150[c]	<0.25	<0.25	0.14 J
	Tetryl	0.23	244	<0.23	<0.23	0.08 J
Chemical Class and Laboratory Method	**Analyte**	**RL[a]**	**NMED Residential Soil SSL[b]**	AOC 78	AOC 78	AOC 78
				FWDA-AOC78C-02-SS-072208	FWDA-AOC78D-01-SS-072308	FWDA-AOC78D-02-SS-072308
				7/22/2008	7/23/2008	7/23/2008
Lead - EPA Method 6010B	Lead	0.3688	400	4.4 J	4.4	4.4
Explosives- EPA Method 8330B	1,3,5-Trinitrobenzene	0.2	2,200[c]	<0.2	<0.2	0.088 J
	2,4-Dinitrotoluene	0.23	12.6	<0.23	<0.23	0.08 J
	2,6-Dinitrotoluene	0.2	61.2	0.2	0.2	0.33
	3-Nitrotoluene	0.22	1,560	<0.22	0.2 J	<0.22
	4-Amino-2,6-dinitrotoluene	0.25	150[c]	<0.25	<0.25	0.18 J
	RDX	0.18	35.6	0.18 J	<0.18	0.08 J

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.

[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.

[c] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.

Positive detections of explosives compounds are shaded.

Samples collected from 0 to 1 feet below ground surface.

N/A – Not Applicable NC – Non Carcinogen C – Carcinogen Sat – Soil Saturation J – Estimated value below the

The DGM surveying at FWDA was accomplished using the EM-61 Mk.2 in wheel mode configuration, with data positioning provided by RTK GPS. In wheel mode, the EM-61 Mk.2 bottom coil is mounted on two 40cm wheels, and has four fiberglass spacers used to support the top coil. A tripod attached to the top coil holds the GPS antenna over the center of the EM coils. All data collected at FWDA were recorded at a sample rate of 10 readings per second.

A survey transect spacing of 2 feet was used for the Geophysical Prove-Out (GPO) Investigation and DGM survey areas. This spacing results in coil overlap on successive lines, reducing the likelihood of data gaps and improving the chance of detecting small metallic items.

Low stretch polypropylene ropes painted with alternating bands of fluorescent green and pink paint were placed across survey grids at 25 foot intervals, perpendicular to the direction of travel. These ropes provided guidance to the geophysicist maneuvering the EM61 across the grids, to maintain parallel lines spaced 2 feet apart.

A Trimble® GeoXT™ was used to record relevant survey information, and also to make sketches of survey impediments such as arroyos, trees, depressions and piles of flood debris. GeoXT™ data were downloaded to a laptop computer each evening, and the merged into a database for inclusion in CH2M Hill's Munitions Response Site Information System.

The EM-61 Mk.2 data are temporarily stored in an Allegro data logger via Geomar's NAV61 software and then downloaded into a laptop computer for further on-site processing using Geomar's TrackMaker 61MK2.

Initial data processing was performed by the field team which included reviewing data for integrity and repeatability. Additionally, track maps produced using the TrackMaker 61MK2 software were reviewed to evaluate survey coverage and to check for missing GPS readings.

Data were uploaded each evening to the CH2M Hill ftp site by the field crew. Data were then retrieved by NAEVA's data processor in the Charlottesville, Virginia office, where converted raw data files were imported into Geosoft's Oasis montaj to perform the following:

- Review and finalize all QC tests (cable shake, personnel, static and latency) prior to processing of the DGM data for that day;
- Set projection of NAD83 UTM Zone 12N coordinates;
- Evaluate data density and GPS quality;
- Apply auto leveling and instrument drift corrections;
- Apply of default lag correction;
- Generate preliminary contour map(s) from gridded data;
- Generate preliminary original vs. repeat profiles by grid block; and
- Generate formatted ASCII files containing preprocessed data by grid block.

After completion of preprocessing, the data were further evaluated and processed to generate final processed data files. Final processing steps included:

- Evaluation and refinement of auto leveling and instrument drift corrections in the channel selected for target analysis (Channel 3);
- Evaluation and refinement of lag correction in the channel selected for target analysis (Channel 3);

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- Additional digital filtering and enhancement, as necessary, in the channel selected for target analysis (Channel 3);
- Generation of formatted ASCII files containing processed data by grid block;
- Generation of final maps for each grid showing contoured gridded data and culture;
- Generation of final original vs. repeat profiles by grid block; and
- Production of mosaic maps for each of the five surveyed locations.

13.3.4.1 Survey

Albuquerque Surveying Company, Inc, a New Mexico Registered Land Surveyor (RLS), used existing benchmarks at the FWDA to establish a 30-meter-by-30-meter grid system across the four AOC 78/82 sub-areas (denoted A through D for reporting purposes) and the AOC 79 area for geophysical survey control.

13.3.4.2 Geophysical Prove-Out

~~CH2M HILL's geophysical services subcontractor, NAEVA Geophysics, Inc. (NAEVA) performed i~~Instrument validation surveys were performed with an EM-61 -Mk.~~K~~2 over the existing ~~Geophysical Prove-Out (~~GPO~~)~~ plot at the FWDA site on July 8 and 9, 2008. Based on observation of the GPO activities and an independent analysis of the GPO results, it was determined by the CH2M HILL QC Geophysicist that the system met project DQOs and the system was considered validated and appropriate for use at the site. This was verified with the onsite USACE Project Geophysicist. Approval was given by USACE to proceed to data collection within the Parcel 6 areas. A comprehensive GPO report detailing equipment, procedures, data processing, and results is provided as ~~Appendix L~~Appendix K.

13.3.4.3 13.3.4.3 Digital Geophysical Mapping Survey Results

~~Digital geophysical mapping (~~The DGM~~)~~ activities were performed from July 8 through 25, 2008 at the four AOC 78/82 sub-areas and the AOC 79. The following subsections summarize results of the surveys at AOC 78/82. A detailed description of the equipment, methodology, results, and QC data is provided in the NAEVA report provided in ~~Appendix M~~Appendix L.

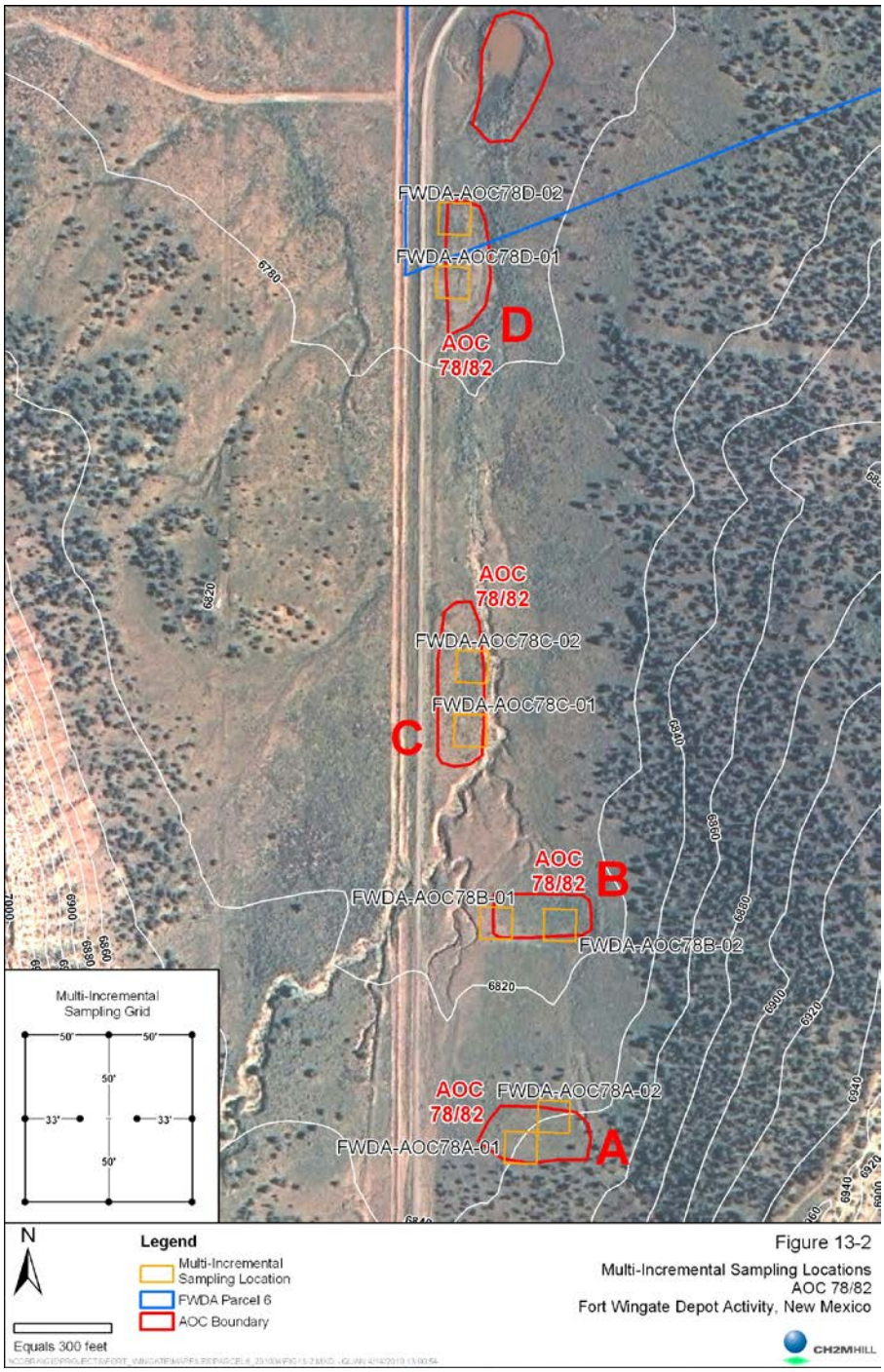

Figure 13-2
Multi-Incremental Sampling Locations
AOC 78/82
Fort Wingate Depot Activity, New Mexico

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13.3.4.4 AOC 78A Sub-area

Approximately 1.4 acres were geophysically surveyed over the AOC 78A sub-area. Survey results, provided in ~~Appendix K~~Appendix J, indicate a few scattered anomalies across the area. The anomalies do not appear to have any relationship to each other, such as those indicated in some of the other areas as being part of a regular pattern.

13.3.4.5 AOC 78B Sub-area

Approximately 1.2 acres were geophysically surveyed over the AOC 78B sub-area. Survey results, provided in ~~Appendix K~~Appendix J, indicate multiple anomalies across the area. A large number of anomalies appear to have a regular distribution in a pattern indicative of building footers or some other regularly spaced man-made feature. The regularly spaced anomalies are separated by approximately 4 to 5 meters (m), on average, from each other and cover an area of approximately 85 m (east–west orientation) by 20 m (north-south).

13.3.4.6 AOC 78C Sub-area

Approximately 1.8 acres were geophysically surveyed over the AOC 78C sub-area. Survey results, provided in ~~Appendix K~~Appendix J, indicate a few scattered anomalies across the area. The anomalies do not appear to have any relationship to each other.

13.3.4.7 AOC 78D Sub-area

Approximately 1.4 acres were geophysically surveyed over the AOC 78D sub-area. Survey results, provided in ~~Appendix K~~Appendix J, indicate a similar pattern of anomalies to those seen in AOC 78B, with a large number appearing to have a regular distribution in a patter indicative of building footers or some other regularly spaced man-made feature. The regularly spaced anomalies are separated by approximately 4 to 5 m, on average from each other and cover an area of approximately 105 m (north-south) by 18 m (east–west).

13.3.4.8 Data Quality Objectives

CH2M HILL's analysis indicates that all DQOs outlined in the project QC Plan (CH2M HILL, 2008) were met during the DGM operations. A summary of the project data quality objectives results is presented in Table 13-1. It should be noted that reacquisition of anomalies was not performed during the initial phase of operations; however, should this operation be planned at any time in the future the subcontractor performing reacquisition will be asked to demonstrate that they can meet the reacquisition DQO prior to performing the activity.

13.3.4.9 Quality Control

An extensive QC program was applied to the DGM operations at the site, with the CH2M HILL QC Geophysicist providing oversight and QC of NAEVA's operations and data. Descriptions of the QC steps can be found in the project QC Plan, which is presented in ~~Appendix L~~Appendix K. Each of the QC steps was performed, and no QC issues were discovered during the process. NAEVA was observed collecting data to comply with all of the QC Plan requirements. All documented QC tests were checked for DQO compliance and each test was within those requirements. Detailed QC results are discussed in the report provided in ~~Appendix L~~Appendix K.

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13.3.5 Metallic Anomaly Intrusive Investigation

13.3.5.1 Purpose

Intrusive investigation of selected representative geophysical anomalies was conducted from November 17 to 20, 2008, to evaluate the nature of the sources of the anomalies. Geophysical anomalies were investigated at all four of the AOC 78/82 locations. Based on the known operational history of the investigation areas, this was not treated as a MEC investigation. However, MEC or material potentially presenting an explosive hazard (MPPEH) had the potential to be present in the project area because the site is a former military facility. Therefore, MEC investigation procedures were followed as a precaution. UXB International, Inc (UXB) was the intrusive investigation subcontractor for this work. A report prepared to document the intrusive investigation is presented as ~~Appendix N~~Appendix M. The investigation results will be briefly summarized below.

13.3.5.2 Anomaly Reacquisition/Intrusive Investigation

Anomaly reacquisition and intrusive investigation were the only techniques employed during the intrusive investigation operations at the site. Intrusive investigation was performed using hand excavation procedures to identify the source of individual anomalies following reacquisition operations.

All geophysical anomalies identified for excavation were reacquired by an intrusive investigation team, comprised of UXO technicians, to an exact location using a ~~real-time kinematic (~~RTK~~)~~ differential ~~global positioning system (D~~GPS~~)~~. This work was completed from November 17 to 18, 2008. The location of each anomaly was marked with a non-metallic, labeled, polyvinyl chloride (PVC) surveyor's flag, which was placed 1 foot north of the actual field location of each reacquired anomaly.

Excavation of individual geophysical anomalies was performed by qualified UXO technicians using hand-excavation tools. Small hand tools such as shovels, spades, trowels, and pry bars were used to access the anomalies. The UXB team performing this work was composed of one UXO Technician III and two UXO Technician II(s). CH2M HILL provided one SUXOS to provide oversight of the UXB investigation team. Intrusive investigation work was completed from November 17 to 20, 2008.

13.3.5.3 Investigation Results

The individual anomaly locations and recovered anomaly sources are documented in report provided as ~~Appendix N~~Appendix M. All anomalies were determined to be metallic scrap debris and not MEC related. The scrap debris recovered were predominantly nails with minor amounts of other metallic scrap such as angle iron, metal banding, and bailing wire. The metallic scrap recovered is consistent with the known operational history of these sites, which was temporary open storage of munitions. The anomaly locations and metallic scrap recovered are believed to be remnants or debris from the former open storage structures that were removed in the 1960s.

13.3.6 Screening Assessments

13.3.6.1 Human Health Screening Assessment

As part of the human health screening assessment, detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL for all positively detected compounds. Detected compounds were evaluated based on comparison to their toxicological endpoint

and comparison to NMED residential direct exposure to SSL (~~NMED, 2006~~NMED, 2009), or if no NMED SSL exists, to the EPA ~~Region 6 MSSL~~RSL for soil (~~EPA, 2008~~EPA, 2009), as described in Attachment 7, Section 7.2 of the RCRA Permit. The NMED SSL and EPA ~~Region 6 MSSL~~RSL are provided in ~~Appendix J~~Appendix I.

The following positively detected compounds were considered for further screening assessment:

- 1,3,5-trinitrobenzene, 0.1J mg/kg (J represents estimated value)
- 2,4-dinitrotoluene, 0.14J mg/kg
- 2,6-dinitrotoluene, 0.33 mg/kg
- RDX, 0.18J mg/kg
- Tetryl (2,4,6-trinitrophenol), 0.08J mg/kg
- Lead, 7.4 mg/kg

Two other compounds, 4-amino-2,6-dinitrotoluene and 3-nitrotoluene, were not considered as there are no NMED SSL or EPA ~~Region 6 MSSL~~RSL for these compounds. In accordance with NMED guidance, identified COPCs were used to generate a site risk ratio by dividing the COPC maximum detected concentrations by their respective screening levels and summing all values. The calculations are presented in Equations 13.1 and 13.2.

Equation 13.1 – AOC 78/82 Noncarcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for 1,3,5-trinitrobenzene, 2,4-dinitrotoluene, 2,6-dinitrotoluene, and tetryl}}{\text{NMED residential SSL or EPA Region 6 residential MSSL for direct exposure to soil for each compound}} = \text{Noncarcinogenic Site Risk Ratio}$$

$$\left[\frac{0.1J\ mg/kg}{1{,}800\ mg/kg} + \frac{0.14J\ mg/kg}{122\ mg/kg} + \frac{0.33\ mg/kg}{61\ mg/kg} + \frac{0.08J\ mg/kg}{6.11\ mg/kg} = 0.02\ Site\ Risk\ Ratio\right]$$

Equation 13.2 – AOC 78/82 Carcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for RDX}}{\text{NMED residential SSL for direct exposure to soil for RDX}} = \text{Carcinogenic Site Risk Ratio}$$

$$\left[\frac{0.18J\ mg/kg}{44.2\ mg/kg} = 0.004\ Site\ Risk\ Ratio\right]$$

In accordance with NMED guidance, the residential human health-based site risk ratio was calculated to be 0.02 for noncarcinogenic compounds and 0.004 for carcinogenic compounds. Lead was detected at a maximum concentration of 7.4 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg. The calculated risk ratios are below the maximum acceptable ratio of 1. Therefore, the COPCs at this site pose an acceptable level of risk.

13.3.6.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 78/82.

13.3.7 Release Assessment Conclusion

Based on the release assessment investigation results, the following conclusions are made for AOC 78/82:

- Geophysical anomalies were observed at AOC 78/82. The geophysical anomalies were investigated and determined to be metallic scrap, such as nails and other metallic waste debris. No MEC items were identified during the investigation.
- Based on the limited number and low concentrations of COPCs detected at AOC 78/82, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.

13.3.8 Scope of Activities

Based on the release assessment investigation results, the following recommendations are made for AOC 78/82:

- It is recommended that NFA decision documents be prepared for AOC 78/82.

Photograph 13-1 AOC 78/82-A, facing east. Fort Wingate Depot Activity.

Photograph 13-2 AOC 78/82-B, facing east, Fort Wingate Depot Activity.

Photograph 13-3 AOC 78/82-C, facing north.~~.~~ Fort Wingate Depot Activity

Photograph 13-4 AOC 78/82-D, facing north~~.~~, Fort Wingate Depot Activity

1

14.0 AOC 79: Feature 2

14.1 Background

14.1.1 Location, Description, and Operational History

AOC 79 is located in the northern portion of Parcel 6 and is approximately 3.6 acres in size, as shown in Figure 14-1. Photographs 14-1 and 14-2, which are provided at the end of this section, show views of AOC 79. This AOC is described as Feature 2 on the 1973 aerial photo (API-5) in the 1995 Archive Search Report (USACE, 1995). Historical aerial photographs indicate that an access road previously lead to a probable building foundation and a scarred and stained soil area.

Review of historical FWDA maps for this area lists a portion of AOC 79 as an Open Storage Site or a Standard Ammunition Magazine. A temporary building number of Z-220 or X-18 is listed for this area. Standard Ammunition Magazines were located at various places across the depot and consisted of covered open-air structures with no walls. Munitions were temporarily stored at these locations from the 1940s to the 1960s. Based on review of the aerial photographs and available documents, munitions were temporarily stored at AOC 79 beginning in the 1940s. Storage operations ceased in the 1960s.

14.1.2 Surface Conditions

AOC 79 has a generally flat topography with a vegetation cover of grass and sagebrush. This area is located immediately to the west of a regional drainage arroyo that overbanks and floods this area during high rainfall events which tends to wash out a substantial portion of the AOC. This site also contains a vast number of prairie dog burrows, which, in addition to occasional flooding, may leave this area looking disturbed in historical aerial photographs.

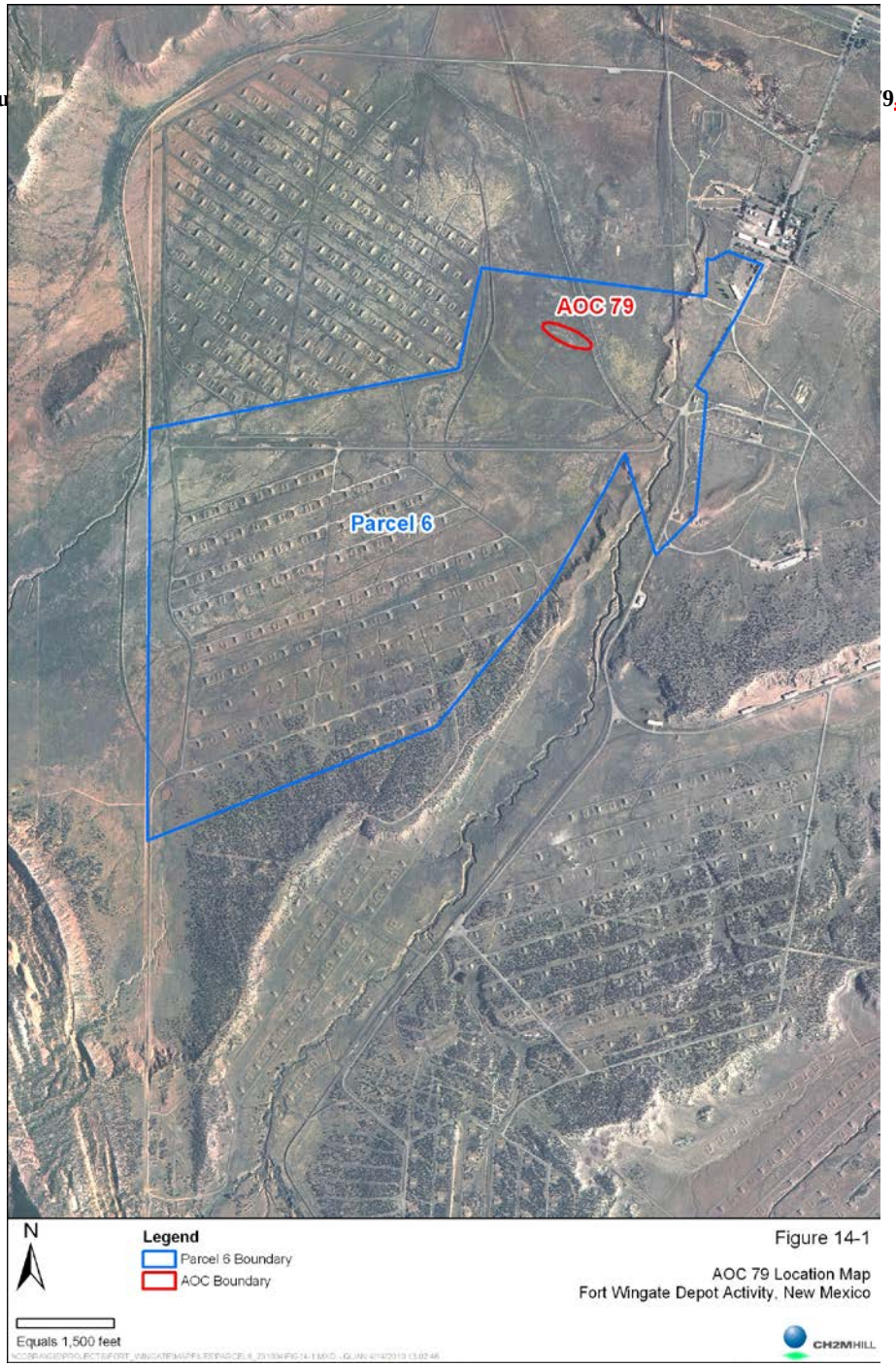
14.1.3 Subsurface Conditions

A subsurface investigation was completed at AOC 79 as part of the release assessment as described in Section 14.3.5. As part of this investigation it was determined that the upper approximately 36-inches of sediment is native silt-loam type soil that contained metallic scrap and debris related to the historical operations at the site. All recovered scrap and debris were removed as part of this investigation.

14.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 79. This site was identified as an AOC based solely on aerial photography. Explosives were handled and stored at AOC 79. Therefore, explosives and lead are considered the COPCs for this site. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the temporary storage of munitions.

Figu 9.


AOC 79
Parcel 6
N
Legend
Parcel 6 Boundary
AOC Boundary
Equals 1,500 feet
Figure 14-1
AOC 79 Location Map
Fort Wingate Depot Activity, New Mexico
CH2MHILL

14.2 Previous Investigations

14.2.1 Nonsampling Data

Nonsampling data available for AOC 79 are summarized below.

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 79 in the 2006 report is as follows:

1935 – No significant findings

1948 – An access road leads to a probable building foundation

1952 – Access road leads to two probable trenches with dark-toned materials

1958 – Access roads lead to a scarred and disturbed area

1962 – Access roads lead to areas of dark-toned material or staining northwest and southwest of the site

1966 – No significant findings

1973 – The perimeter of the site has been cleared/graded; the other areas to the south appear as graded or scarred staging or parking areas

1978 – An access road leads to a ground scarred area

1991 – No significant findings

1993 – No photo coverage

1997 – The central portion of the site is scarred; however, this may be due to erosion

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within AOC 79. However, the report includes background information relevant to areas at the FWDA installation that were previously used to temporarily store inert items and ordnance, such as AOC 79. The report indicates that buildings designated with an X- identifier were wood-framed structures with a roof but no walls. These buildings had earth or gravel floors and were present at the FWDA installation from approximately 1945 to 1980. Areas with a Z- identifier were either buildings such as those with the X- identifier or were flat open storage areas with no associated building that were present at the FWDA installation from approximately 1945 to 1980.

14.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Sections 14.3.3 and 14.3.4.

14.2.3 Conceptual Model

14.2.3.114.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 79 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have been an area of disturbed ground. However, historical documentation indicates that the area of disturbed ground previously contained an Open Storage Site or a Standard Ammunition Magazine, which is a building used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning in the 1940s and continued until the 1960s when the buildings were removed.

Additionally, this area is prone to flooding. It also contains a vast number of prairie dog burrows, which may have been previously interpreted in aerial photograph review as being related to historical operations at the site. These natural effects leave the ground surface at this location looking disturbed.

14.2.3.2 Fate and Transport

If contamination is present at AOC 79, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

14.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 14.3.3.

14.3 Release Assessment

14.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 79. As noted in the aerial photograph analysis report (ERI, 2006), there were no significant findings for AOC 79 on any of the photos reviewed from 1935 to 1997 that would suggest a release to the environment at this site other than grading and ground scars. However, review of available documentation indicates that AOC 79 previously contained Open Storage Sites or Standard Ammunition Magazines, which were buildings used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning in the 1940s and continued until the 1960s when the buildings were removed.

14.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 79 on July 29, 2008. A site walk revealed several small areas containing metallic scrap consisting of nails, bolts, metal packaging banding. Due to moderate rainfall events, this area flooded during the release assessment field activities that were completed as part of the release assessment. The man-made arroyo located immediately to the east of the AOC overbanked and flooded the southern half of the AOC, which displaced several survey stakes placed for the geophysical investigation.

A site reconnaissance field form and a copy of the field notes are presented in ~~Appendix F~~Appendix E and can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in ~~Appendix G~~Appendix F.

14.3.3 Soil Sampling

Surface soil samples were collected at two general locations at AOC 79. The sample locations are shown in Figure 14-~~1~~2. Multi-incremental samples were collected and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. Each of the ~~multi-incremental~~MI samples collected consisted of 10 individual sample locations taken from a ~~50~~100-foot-by-~~50~~100-foot sampling grid and composited into one ~~multi-incremental~~MI sample, for a total of two samples.

No explosives were positively detected in the sample collected from AOC 79. Lead was detected at a low concentration of 7.4 mg/kg, which is below the NMED residential SSL, ~~which is~~of 400 -mg/kg. A summary of the sample analysis results is presented in Table 14-1 (provided at the end of this section). The full laboratory report is presented in ~~Appendix H~~Appendix G. The DQE report is provided in ~~Appendix I~~Appendix H.

14.3.4 Digital Geophysical Mapping

14.3.4.1 Survey

Albuquerque Surveying Company, Inc, a New Mexico RLS, used existing benchmarks at the FWDA to establish a 30-meter-by-30-meter grid system across the four AOC 78/82 sub-areas (denoted A through D for reporting purposes) and the AOC 79 area for geophysical survey control.

14.3.4.2 Geophysical Prove-Out

CH2M HILL's geophysical services subcontractor, NAEVA, performed instrument validation surveys with an EM61-MK2 over the existing GPO plot at the FWDA site on July 8 and 9, 2008. Based on observation of the GPO activities and an independent analysis of the GPO results, it was determined by the CH2M HILL QC Geophysicist that the system met project DQOs and the system was considered validated and appropriate for use at the site. This was verified with the onsite USACE Project Geophysicist and approval was given by USACE to proceed to data collection within the Parcel 6 areas. A comprehensive GPO report detailing equipment, procedures, data processing, and results is provided as ~~Appendix L~~Appendix K.

14.3.4.3 Digital Geophysical Mapping Survey Results

DGM activities were performed from July 8 through 25, 2008 at the four AOC 78/82 sub-areas and the AOC 79. A detailed description of the equipment, methodology, results, and QC data is provided in the NAEVA report provided in ~~Appendix M~~Appendix L.

Approximately 4.1 acres were geophysically surveyed over the AOC 79 area. Survey results, presented in ~~Appendix K~~Appendix J, indicate an area near the center of the site of approximately 65 m (northwest-southeast) by 15 m (southwest-northeast) that contains a regular pattern of anomalies such as those seen in AOC 78 sub-areas B and D. There is an additional heavy grouping of anomalies in the northwestern section of the surveyed area and a few scattered anomalies across the remainder of the area.

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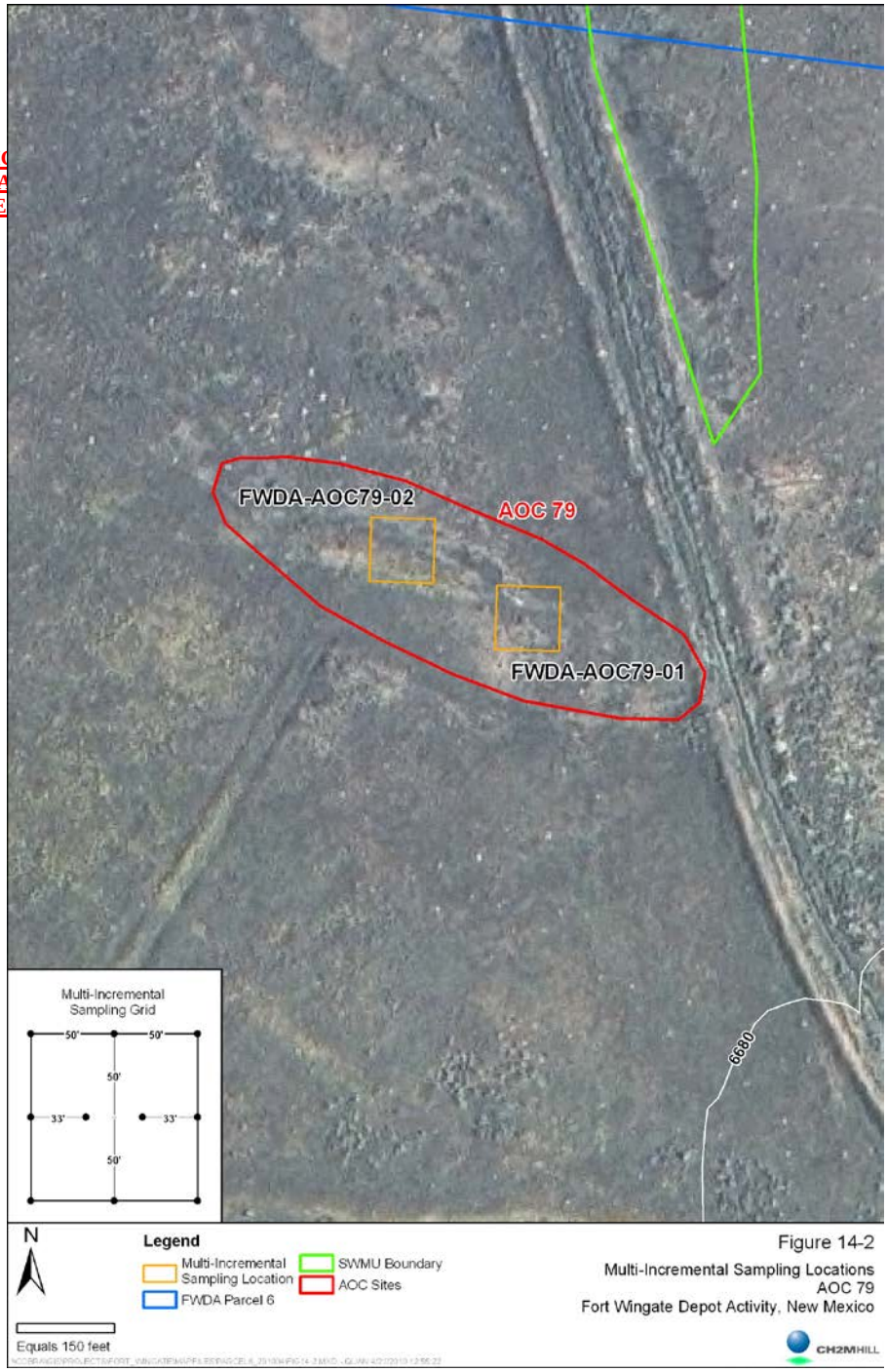

Figure 14-2
Multi-Incremental Sampling Locations
AOC 79
Fort Wingate Depot Activity, New Mexico

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14.3.4.4 Data Quality Objectives

CH2M HILL's analysis indicates that all DQOs outlined in the project QC Plan (CH2M HILL, 2008) were met during the DGM operations. A summary of the project data quality objectives results is presented in Table 14-2 (provided at the end of this section). It should be noted that reacquisition of anomalies was not performed during the initial phase of operations. However, should this operation be planned at any time in the future the subcontractor performing reacquisition will be asked to demonstrate that they can meet the reacquisition DQO prior to performing the activity.

14.3.4.5 Quality Control

An extensive QC program was applied to the DGM operations at the site, with the CH2M HILL QC Geophysicist providing oversight and QC of NAEVA's operations and data. Descriptions of the QC steps can be found in the project QC Plan, which is provided in ~~Appendix L~~Appendix K. Each of the QC steps was performed, and no QC issues were discovered during the process. NAEVA was observed collecting data to comply with all of the QC Plan requirements. All documented QC tests were checked for DQO compliance and each test was within those requirements. Detailed QC results are discussed in the report provided in ~~Appendix L~~Appendix K.

14.3.5 Metallic Anomaly Intrusive Investigation

14.3.5.1 Purpose

Intrusive investigation of selected representative geophysical anomalies was conducted from November 17 to 20, 2008, to evaluate the nature of the sources of the anomalies. Based on the known operational history of the investigation areas, this was not treated as a MEC investigation. However, MEC or MPPEH had the potential to be present in the project area because the site is a former military facility. Therefore, MEC investigation procedures were followed as a precaution. UXB was the intrusive investigation subcontractor for this work. A report prepared to document the intrusive investigation is presented as ~~Appendix N~~Appendix M. The investigation results ~~will be~~are briefly summarized below.

14.3.5.2 Anomaly Reacquisition/Intrusive Investigation

Anomaly reacquisition and intrusive investigation were the only techniques employed during the intrusive investigation operations at the site. Intrusive investigation was performed using hand excavation procedures to identify the source of individual anomalies following reacquisition operations.

All geophysical anomalies identified for excavation were reacquired by an intrusive investigation team, comprised of UXO technicians, to an exact location using a RTK DGPS. This work was completed from November 17 to 18, 2008. The location of each anomaly was marked with a non-metallic, labeled, PVC surveyor's flag, which was placed 1 foot north of the actual field location of each reacquired anomaly.

Excavation of individual geophysical anomalies was performed by qualified UXO technicians using hand-excavation tools. Small hand tools such as shovels, spades, trowels, and pry bars were used to access the anomalies. The UXB team performing this work was composed of one UXO Technician III and two UXO Technician II(s). CH2M HILL provided one SUXOS to provide oversight of the UXB investigation team. Intrusive investigation work was completed from November 17 to 20, 2008.

14.3.5.3 Investigation Results

The individual anomaly locations and recovered anomaly sources are documented in report provided as ~~Appendix N~~Appendix M. All anomalies were determined to be metallic scrap debris and not MEC related. The scrap debris recovered were predominantly nails with minor amounts of other metallic scrap such as angle iron, metal banding, and bailing wire. The metallic scrap recovered is consistent with the known operational history of these sites, which was temporary open storage of munitions. The anomaly locations and metallic scrap recovered are believed to be remnants or debris from the former open storage structures that were removed in the 1960s.

14.3.6 Screening Assessments

14.3.6.1 Human Health Screening Assessment

As part of the human health screening assessment, positively detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSLs, which are provided in ~~Appendix J~~Appendix I. Lead was the only positively detected COPC at AOC 79. Lead was detected at a maximum concentration of 7.4 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg.

14.3.6.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 79.

14.3.7 Release Assessment Conclusion

Based on the release assessment investigation results, the following conclusions are made for AOC 79:

- Geophysical anomalies were observed at AOC 79. The geophysical anomalies were investigated and determined to be metallic scrap, such as nails and other metallic waste debris. No MEC items were identified during the investigation.
- Based on the limited number and low concentrations of COPCs detected at AOC 79, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.

14.3.8 Scope of Activities

Based on the release assessment investigation results, the following recommendations are made for AOC 79:

- It is recommended that NFA decision documents be prepared for AOC 79.

Table 14-1 Release Assessment Laboratory Data Summary, AOC 79, Feature 2 (concentrations in mg/kg)

Chemical Class and Laboratory Method	Analyte	RL[a]	NMED Residential Soil SSL[b]	AOC 79	AOC 79
				FWDA-AOC79-01-SS-072908	FWDA-AOC79-02-SS-072908
				7/29/2008	7/29/2008
Lead - EPA Method 6010B	Lead	0.3688	400	5.3	7.4

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[c] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.
Samples collected from 0 to 1 feet below ground surface.

Table 14-2 Summary of Project Data Quality Objectives Results for the Digital Geophysical Mapping at AOC 79, Feature 2 (1 of 2)

Data Quality Objective	Measurement Performance Criteria	Result from Project
General System Functioning		
Accurate coordinates are being obtained from DGM positioning systems.	Positional error at known monuments will not exceed ±10.2 centimeters (4 inches).	DQO met
Repeatable data are being obtained from DGM system.	Response to standardized item will not vary more than ±20%.	DQO met
Digital Geophysical Mapping Surveys		
DGM survey system can generally detect munitions items to depths of 11 times the object's diameter. (Excluding smaller items such as 20mm projectiles.) (Depth is to top of the item.)	Sensor to identify munitions items of 40 millimeters or larger diameter (or their surrogates in the GPO) at depths fitting within the detection depth equation.	DQO met (demonstrated in GPO)
Downline data density is sufficient to detect munitions items.	Over 98% of possible sensor readings are captured along a transect. Data collection frequency along the path will be in the range of 10 to 20 readings per second with a mean speed not exceeding 2.5 miles per hour (1.14 meters per second). In addition, any transect containing a data gap of 0.6 meter (2 feet) or greater does not meet the DQO.	DQO met
Coverage over survey area is sufficient to detect munitions items.	Search transect spacing to vary no more than ±20% of spacing specified in sampling design.	DQO met

Table 14-3 Summary of Project Data Quality Objectives Results for the Digital Geophysical Mapping at AOC 79, Feature 2 (2 of 2)

Positioning of detected anomalies is accurate.	95% of all anomaly locations (as shown on the dig sheets) lie within a 1-meter (3.3-foot) radius of a point on the ground surface directly above the source of the anomaly.	DQO met
Data Processing		
Instrument Latency	Instrument latency will be corrected based on the lags or time differences observed in anomaly peak positions.	DQO met
Electromagnetic (EM) Drift Correction	For any given dataset of EM data, all data channels are leveled using the same routines and parameters.	DQO met
Drift Corrections and Filtering Routines	Drift corrections and/or filtering routines that are applied to datasets do not alter the nature of the original measured response.	DQO met
Data Handling		
All data must be delivered in a timely manner and in a useable format.	Data packages are completed and delivered within the schedules specified in the project Work Plan.	DQO met
Quality Control		
All quality control tests must be performed and meet specified criteria.	Specific to QC test.	DQO met
▪ Electromagnetic (EM) Drift Correction	▪ For any given dataset of EM data, all data channels are leveled using the same routines and parameters.	▪ DQO met
▪ Drift Corrections and Filtering Routines	▪ Drift corrections and/or filtering routines that are applied to datasets do not alter the nature of the original measured response.	▪ DQO met

Photograph 14-1 AOC 79, facing east, Fort Wingate Depot Activity

Photograph 14-2 AOC 79, facing east, Fort Wingate Depot Activity.

1

15.0 AOC 80: Feature 9

15.1 Background

15.1.1 Location, Description, and Operational History

AOC 80 is located in the north-central portion of Parcel 6, as shown in Figure 15-1. Photographs 15-1 and 15-2, which are provided at the end of this section, show various views of AOC 80. This AOC is described as Feature 9 on the 1962 aerial photo (API-3) in the 1995 Archive Search Report (USACE, 1995). The 1935 aerial photograph shows a pre-WWII magazine located in the west-central portion of the AOC. It is expected that this building was removed sometime between 1940 and 1941. The 1948 and later aerial photographs indicate that AOC 80 is a partially scarred soil area; however, soil scaring appears to be limited to the location of the pre-WWII magazine and the dirt roads historically leading to this location. Based on the review of available aerial photography and historical documents, there is no indication of active operations at this AOC from 1941 to the present.

15.1.2 Surface Conditions

AOC 80 has a generally flat topography with a vegetation cover of grass and sagebrush.

15.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 80.

15.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 80. This site was identified as an AOC based solely on aerial photography. Explosives were handled in nearby areas and were potentially stored in temporary open storage configurations near AOC 80. Therefore, explosives and lead are the COPCs for this site. Other contaminants are not expected at this location because AOC 80 appears to have been historically undeveloped land with no indication of active operations following the removal of the pre-World War II magazine prior to 1941.

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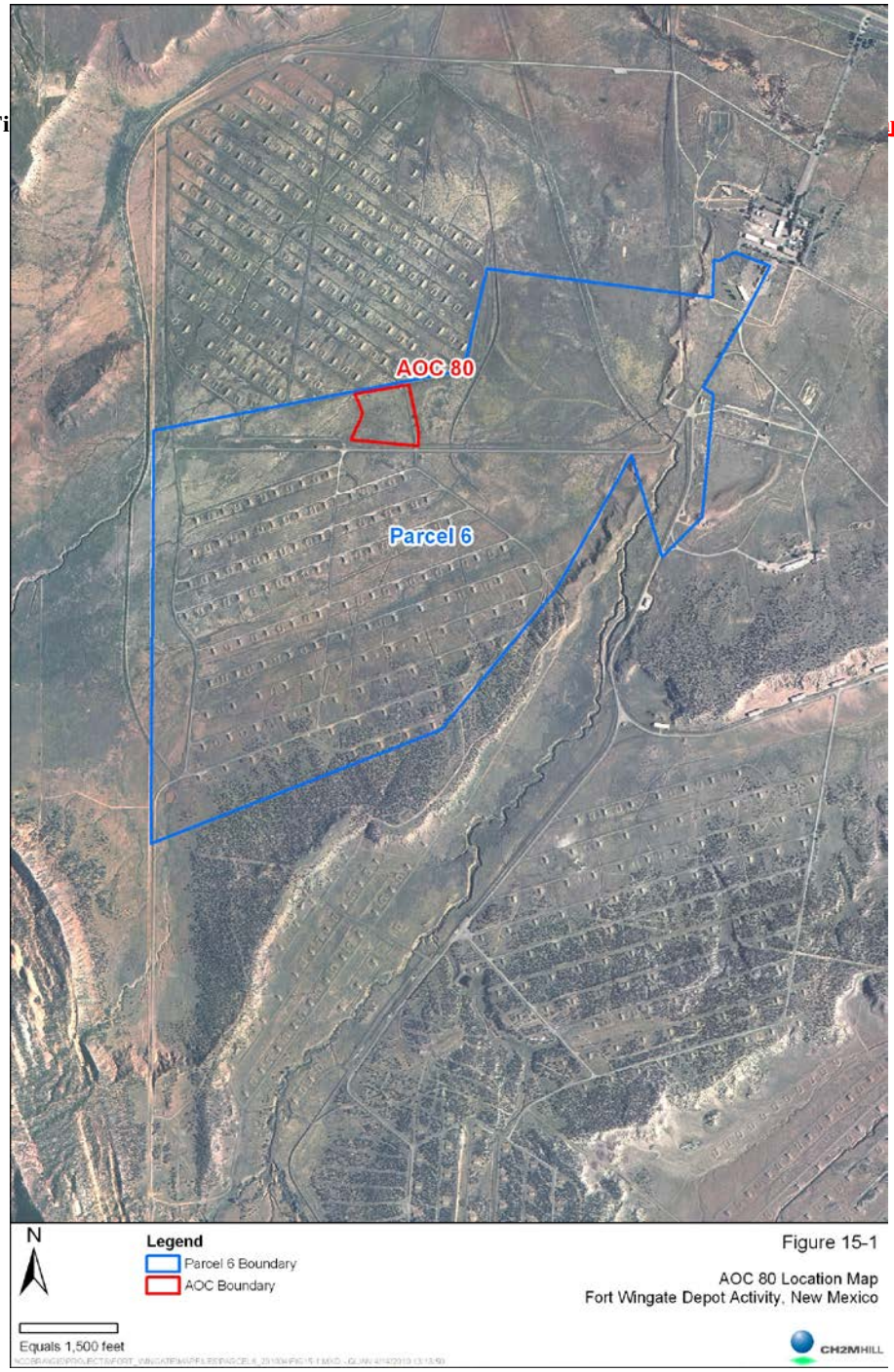
AOC 80
Parcel 6
N
Legend
Parcel 6 Boundary
AOC Boundary
Equals 1,500 feet
Figure 15-1
AOC 80 Location Map
Fort Wingate Depot Activity, New Mexico
CH2MHILL

15.2 Previous Investigations

15.2.1 Nonsampling Data

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 80 in the 2006 report is as follows:

1935 – No significant findings

1948 – Disturbed ground, light-toned material and a ground scar are present

1952 – Disturbed ground, light-toned material and a ground scar are present

1958 – Disturbed ground, light-toned material and a ground scar are present

1962 – Disturbed ground and light-toned material are present

1966 – No significant findings

1973 – Disturbed ground and light-toned material are present

1978 – Disturbed ground and light-toned material remain

1985 – Disturbed ground and light-toned material remain

1991 – Disturbed ground and light-toned material remain

1993 – No photo coverage

1997 – No significant findings

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

15.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 15.3.3.

15.2.3 Conceptual Model

15.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment or historic operations at AOC 80 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have apparent disturbed ground. However, further evaluation of the aerial photography indicates that the area of disturbed ground corresponds to the location of a pre-WWII magazine and the dirt roads leading to this location that were removed and abandoned sometime between 1935 and 1948. Historical documents do not indicate that this area supported active operations from 1948 to the present.

15.2.3.2 Fate and Transport

If contamination is present at AOC 80, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

15.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 15.3.3.

15.3 Release Assessment

15.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 80. As noted in the aerial photograph analysis report (ERI, 2006), there were no significant findings for AOC 80 on any of the photos reviewed from 1935 to 1997 that would suggest a release to the environment at this site other than the ground scars remaining from the pre-WWII magazine.

15.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 80 on July 21, 2008. A site walk revealed several small areas containing metallic scrap consisting of nails, bolts, metal packaging banding, as well as a few old soda bottles in the northern and western portions of AOC 80 and one area in the northern portion of AOC 80 where some broken concrete fragments were present and where possibly a concrete truck was washed out.

A site reconnaissance field form and a copy of the field notes are presented ~~in~~as ~~Appendix F~~Appendix E on the CD provided with this Work Plan. The photographs taken during the site walk are presented in ~~Appendix G~~Appendix F.

15.3.3 Soil Sampling

Surface soil samples were collected at three general locations at AOC 80. The sample locations are shown in Figure 15-2~~1~~. Multi-incremental samples were collected from each of the three locations and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. Each of the three ~~multi-incremental~~MI samples consisted of 10 individual sample locations taken from a ~~100~~200-foot-by-~~100~~200-foot sampling grid and composited into one ~~multi-incremental~~MI sample.

Results indicate that four explosives compounds (1,3,5-trinitrobenzene, 2,4-dinitrotoluene, 2,6-dinitrololuene, and RDX) and lead were detected at low or qualified concentrations below the NMED residential SSL or the EPA ~~Region 6 MSSL~~RSL for soil at sample location FWDA-AOC80-01. A summary of the sample analysis results is presented in Table 15-1 (provided at the end of this section). The full laboratory report is presented in ~~Appendix H~~Appendix G. The DQE report is provided in ~~Appendix I~~Appendix H.

15.3.4 Screening Assessments

15.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL for all positively detected compounds.

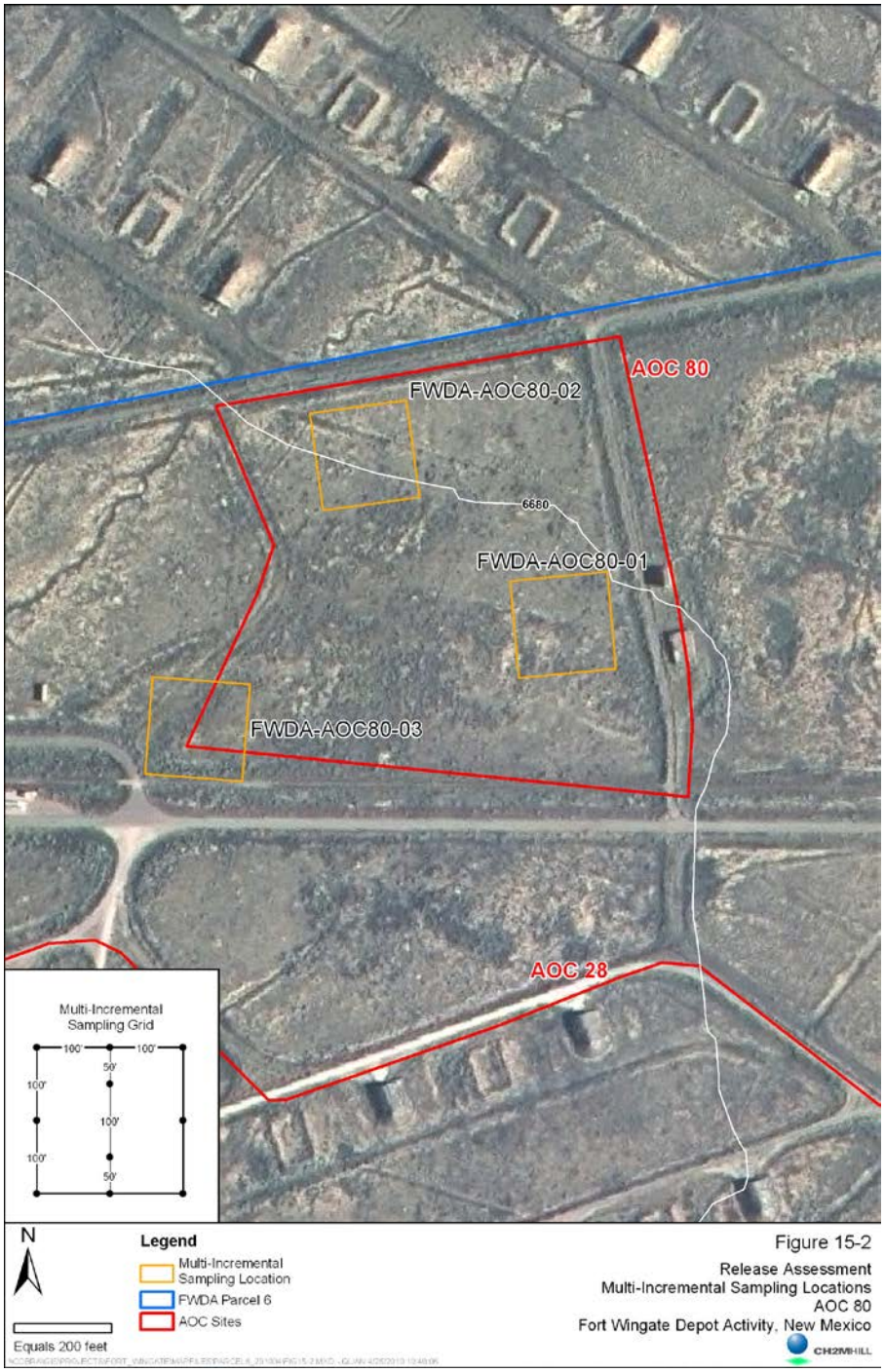

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Table 15-1 Release Assessment Laboratory Data Summary Table for AOC 80, Fort Wingate Depot Activity (concentrations in mg/kg)

Chemical Class and Laboratory Method	**Analyte**	**RL[a]**	**NMED Residential Soil SSL[b]**	AOC 80	AOC 80	AOC 80	AOC 80
				FWDA-AOC80-01-SS-072408	FWDA-AOC80-01-SS-072408-DUP	FWDA-AOC80-02-SS-072408	FWDA-AOC80-03-SS-072408
				7/24/2008	7/24/2008	7/24/2008	7/24/2008
Lead - EPA Method 6010B	Lead	0.3688	400	13.3	12.5	13.5	6.8
Explosives- EPA Method 8330B	1,3,5-Trinitrobenzene	0.2	2,200[c]	0.2 J	0.2 J	<0.2	<0.2
	2,4-Dinitrotoluene	0.23	12.6	<0.23	0.15 J	<0.23	<0.23
	2,6-Dinitrotoluene	0.2	61.2	<0.2	0.24	<0.2	<0.2
	RDX	0.18	35.6	0.2	0.2 J	<0.18	<0.18

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[c] EPA Region 6 Human Health Medium Specific Screening Levels, December 2009.
Concentrations are listed in milligram per kilogram
Positive detections of explosives compounds are shaded.
Samples collected from 0 to 1 feet below ground surface.
J = Estimated value below the RL
RDX = cyclotrimethylenetrinitramine

Detected compounds were evaluated based on comparison to their toxicological endpoint and comparison to the NMED residential direct exposure ~~to~~ SSL (~~NMED, 2006~~NMED, 2009), or if no NMED SSL exists, to the EPA ~~Region 6 MSSL~~RSL for soil (EPA, 2009)~~, as described in Attachment 7, Section 7.2 of the RCRA Permit~~. The NMED SSLs and EPA ~~Region 6 MSSL~~RSLs are provided in ~~Appendix J~~Appendix I.

The following positively detected compounds were considered for further screening assessment:

- 1,3,5-trinitrobenzene, 0.2J mg/kg (J represents estimated value)
- 2,4-dinitrotoluene, 0.15J mg/kg
- 2,6-dinitrotoluene, 0.24 mg/kg
- RDX, 0.2 mg/kg
- Lead, 13.5 mg/kg

In accordance with NMED guidance, identified COPCs were used to generate a site risk ratio by dividing the COPC maximum detected concentrations by their respective screening levels and summing all values. The calculations are presented in Equations 15.1 and 15.2.

Equation 15.1 – AOC 80 Noncarcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for 1,3,5-trinitrobenzene, 2,4-dinitrotoluene, and 2,6-dinitrotoluene}}{\text{NMED residential SSL or EPA Region 6 residential MSSL for direct exposure to soil for each compound}} = \text{Noncarcinogenic Site Risk Ratio}$$

$$\left[\frac{0.2J\ mg/kg}{1{,}800\ mg/kg} + \frac{0.15J\ mg/kg}{122\ mg/kg} + \frac{0.24\ mg/kg}{61\ mg/kg} = 0.005\ Site\ Risk\ Ratio\right]$$

Equation 15.2 – AOC 80 Carcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for RDX}}{\text{NMED residential SSL for direct exposure to soil for RDX}} = \text{Carcinogenic Site Risk Ratio}$$

$$\left[\frac{0.2\ mg/kg}{44.2\ mg/kg} = 0.004\ Site\ Risk\ Ratio\right]$$

In accordance with NMED guidance, the residential human health-based site risk ratio was calculated to be 0.005 for noncarcinogenic compounds and 0.004 for carcinogenic compounds. Lead was detected at a maximum concentration of 13.5 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg. The calculated risk ratios are below the maximum acceptable ratio of 1. Therefore, the COPCs at this site pose an acceptable level of risk.

15.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 80.

15.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, ~~the following conclusions are made for AOC 80:~~the NMED has directed that additional MI samples be collected from each decision unit and that additional decision units be created to provide more complete coverage of AOC 80.

15.4 Scope of Activities

The following field activities will be conducted during the RFI at AOC 80:

- Collection of one surface soil MI sample from 0- to 6-inches bgs and one subsurface soil MI sample fro 6- to 12-inches bgs in each decision unit.
- Analysis of the surface and subsurface MI samples to verify the results from the 2008 release assessment.

15.4.1 Multi-Incremental Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 80. Based on the operational history, the COPCs for AOC 80 are explosives and RCRA metals.

Field activities will include the collection of MI samples from the 24 decision units shown on Figure 15-3. Each decision unit has dimensions of approximately 100 feet by 100 feet. A total of 100 subsamples will be collected from each decision unit using a hand auger. Fifty subsamples will be collected from 0- to 6 inches bgs and 50 subsamples from 6- to 12-inches bgs in each decision unit. A total for 48 MI samples will be collected from AOC 80.

Table 15-2 summarizes the proposed MI soil sampling and analysis at AOC 80. All samples will be analyzed for RCRA metals (EPA Methods 1020B and 7471A) and explosives (EPA Method 8330B).

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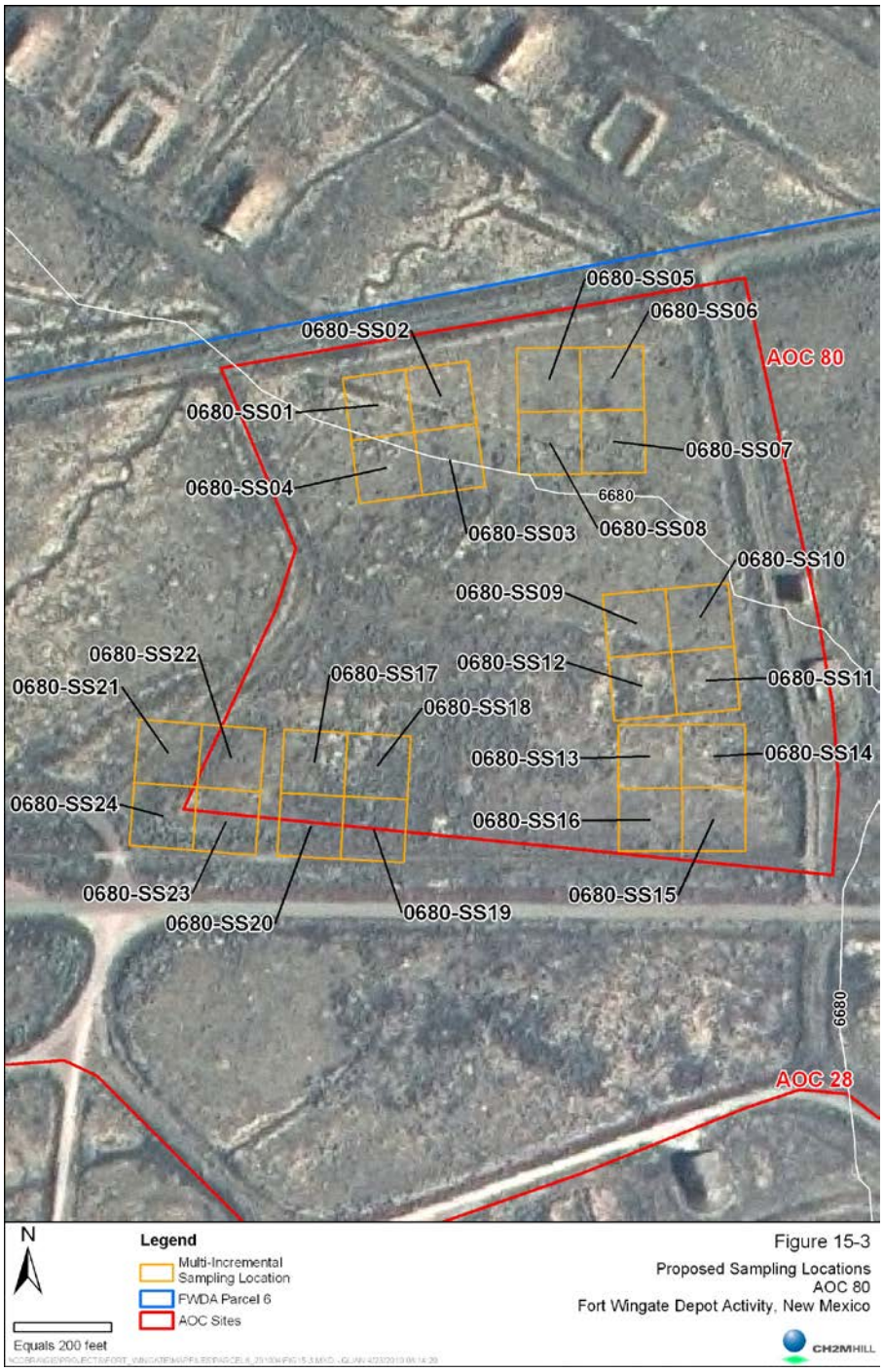
0680-SS05
0680-SS06
0680-SS02
AOC 80
0680-SS01
0680-SS07
0680-SS04
6680
0680-SS03
0680-SS08
0680-SS10
0680-SS09
0680-SS22
0680-SS17
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0680-SS18
0680-SS13
0680-SS14
0680-SS24
0680-SS16
0680-SS23
0680-SS15
0680-SS20
0680-SS19
6680
AOC 28
N
Legend
Multi-Incremental Sampling Location
FWDA Parcel 6
AOC Sites
Equals 200 feet
Figure 15-3
Proposed Sampling Locations
AOC 80
Fort Wingate Depot Activity, New Mexico
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- ~~Based on the limited number and low concentrations of COPCs detected at AOC 80, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.~~

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~~15.3.6Scope of Activities~~

~~Based on the release assessment investigation results, the following recommendations are made for AOC 80:~~

- ~~It is recommended that NFA decision documents be prepared for AOC 80.~~

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Table 15-~~1~~2 ~~Release Assessment of Laboratory Data Summary, Area of Concern 80, Feature 9~~Proposed RCRA Facility Investigation Sampling and Analyses for AOC 80, Fort Wingate Depot Activity (1 of 2)

Sample Analysis					RCRA Metals	Explosives
Analytical Method					6010B and 7471A	8330B
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0680-SS01-M-0000	AOC 80	SS01	MI	0 - 0.5	x	x
0680-SB01-M-0001	AOC 80	SS01	MI	0.5 - 1.0	x	x
0680-SB01-M-0001-DUP	AOC 80	SS01	MI DUP	0.5 - 1.0	x	x
0680-SS02-M-0000	AOC 80	SS02	MI	0 - 0.5	x	x
0680-SS02-M-0000-MS/MSD	AOC 80	SS02	MI MS/MSD	0 - 0.5	x	x
0680-SB02-M-0001	AOC 80	SS02	MI	0.5 - 1.0	x	x
0680-SS03-M-0000	AOC 80	SS03	MI	0 - 0.5	x	x
0680-SS03-M-0000-DUP	AOC 80	SS03	MI DUP	0 - 0.5	x	x
0680-SB03-M-0001	AOC 80	SS03	MI	0.5 - 1.0	x	x
0680-SS04-M-0000	AOC 80	SS04	MI	0 - 0.5	x	x
0680-SB04-M-0001	AOC 80	SS04	MI	0.5 - 1.0	x	x
0680-SS05-M-0000	AOC 80	SS05	MI	0 - 0.5	x	x
0680-SB05-M-0001	AOC 80	SS05	MI	0.5 - 1.0	x	x
0680-SS06-M-0000	AOC 80	SS06	MI	0 - 0.5	x	x
0680-SB06-M-0001	AOC 80	SS06	MI	0.5 - 1.0	x	x
0680-SS07-M-0000	AOC 80	SS07	MI	0 - 0.5	x	x
0680-SB07-M-0001	AOC 80	SS07	MI	0.5 - 1.0	x	x
0680-SS08-M-0000	AOC 80	SS08	MI	0 - 0.5	x	x
0680-SS08-M-0000-DUP	AOC 80	SS08	MI DUP	0 - 0.5	x	x
0680-SB08-M-0001	AOC 80	SS08	MI	0.5 - 1.0	x	x
0680-SS09-M-0000	AOC 80	SS09	MI	0 - 0.5	x	x
0680-SS09-M-0000-MS/MSD	AOC 80	SS09	MI MS/MSD	0 - 0.5	x	x
0680-SB09-M-0001	AOC 80	SS09	MI	0.5 - 1.0	x	x
0680-SS10-M-0000	AOC 80	SS10	MI	0 - 0.5	x	x
0680-SB10-M-0001	AOC 80	SS10	MI	0.5 - 1.0	x	x
0680-SS11-M-0000	AOC 80	SS11	MI	0 - 0.5	x	x
0680-SB11-M-0001	AOC 80	SS11	MI	0.5 - 1.0	x	x
0680-SS12-M-0000	AOC 80	SS12	MI	0 - 0.5	x	x
0680-SB12-M-0001	AOC 80	SS12	MI	0.5 - 1.0	x	x
0680-SS13-M-0000	AOC 80	SS13	MI	0 - 0.5	x	x
0680-SB13-M-0001	AOC 80	SS13	MI	0.5 - 1.0	x	x
0680-SS14-M-0000	AOC 80	SS14	MI	0 - 0.5	x	x
0680-SB14-M-0001	AOC 80	SS14	MI	0.5 - 1.0	x	x
0680-SS15-M-0000	AOC 80	SS15	MI	0 - 0.5	x	x
0680-SB15-M-0001	AOC 80	SS15	MI	0.5 - 1.0	x	x
0680-SB15-M-0001-MS/MSD	AOC 80	SS15	MI MS/MSD	0.5 - 1.0	x	x
0680-SS16-M-0000	AOC 80	SS16	MI	0 - 0.5	x	x
0680-SB16-M-0001	AOC 80	SS16	MI	0.5 - 1.0	x	x
0680-SS17-M-0000	AOC 80	SS17	MI	0 - 0.5	x	x
0680-SB17-M-0001	AOC 80	SS17	MI	0.5 - 1.0	x	x
0680-SS18-M-0000	AOC 80	SS18	MI	0 - 0.5	x	x
0680-SS18-M-0000-DUP	AOC 80	SS18	MI DUP	0 - 0.5	x	x
0680-SB18-M-0001	AOC 80	SS18	MI	0.5 - 1.0	x	x
0680-SS19-M-0000	AOC 80	SS19	MI	0 - 0.5	x	x
0680-SB19-M-0001	AOC 80	SS19	MI	0.5 - 1.0	x	x
0680-SS20-M-0000	AOC 80	SS20	MI	0 - 0.5	x	x
0680-SB20-M-0001	AOC 80	SS20	MI	0.5 - 1.0	x	x

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Table 15-~~1~~2 ~~Release Assessment of Laboratory Data Summary, Area of Concern 80, Feature 9~~Proposed RCRA Facility Investigation Sampling and Analyses for AOC 80, Fort Wingate Depot Activity (2 of 2)

Sample Analysis					RCRA Metals	Explosives
Analytical Method					6010B and 7471A	8330B
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0680-SS21-M-0000	AOC 80	SS21	MI	0 - 0.5	x	x
0680-SS21-M-0000-DUP	AOC 80	SS21	MI DUP	0 - 0.5	x	x
0680-SB21-M-0001	AOC 80	SS21	MI	0.5 - 1.0	x	x
0680-SS22-M-0000	AOC 80	SS22	MI	0 - 0.5	x	x
0680-SB22-M-0001	AOC 80	SS22	MI	0.5 - 1.0	x	x
0680-SS23-M-0000	AOC 80	SS23	MI	0 - 0.5	x	x
0680-SB23-M-0001	AOC 80	SS23	MI	0.5 - 1.0	x	x
0680-SS24-M-0000	AOC 80	SS24	MI	0 - 0.5	x	x
0680-SS24-M-0001	AOC 80	SS24	MI	0.5 - 1.0	x	x
0680-EB01	AOC 80	AOC 80	Equipment Blank	N/A	x	x
Total Normal Samples					48	48
Total Duplicates					5	5
Total Equipment Blanks (Rinsate water sample)					1	1
Total MS/MSD Samples (lab counts each separately)					3	3
Total Soil Samples					59	59
Total Water Samples					1	1
Total Analyses					60	60

Notes:
bgs = below ground surface
DUP = duplicate sample
MI = multi-incremental
MS/MSD = matrix spike/matrix spike duplicate
RCRA = Resource Conservation and Recovery Act

Photograph 15-1 AOC 80, facing southeast, Fort Wingate Depot Activity.

Photograph 15-2 AOC 80, facing southwest, Fort Wingate Depot Activity.

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16.0 AOC 81: Feature 11

16.1 Background

16.1.1 Location, Description, and Operational History

~~AOC~~ Area of Concern 81 is located in the north-central portion of Parcel 6, as shown in Figure 16-1. Photographs 16-1 and 16-2, which are provided at the end of this section, show various views of AOC 81. This AOC is described as Feature 11 on the 1962 aerial photo (API-3) in the 1995 Archive Search Report (USACE, 1995). A building the same size as the boundary of this AOC is present at the site beginning with the 1948 aerial photograph. This building is visible in the 1958 aerial photograph and has been removed by the 1962 aerial photograph. Based on review of the 1962 aerial photograph the former building at this location may have burned down.

Review of historical FWDA maps for this area lists AOC 81 as an Open Storage Site or a Standard Ammunition Magazine. A temporary building number of X-19 or T-330 is listed for AOC 81. Standard Ammunition Magazines were located at various places across the depot and consisted of covered open-air structures with no walls. Munitions were temporarily stored at these locations from the 1940s to the 1960s. Based on review of the aerial photographs and available documents, munitions were temporarily stored at AOC 81 beginning sometime between 1940 and 1941 and ceased sometime between 1958 and 1962. A 1967 map shows the temporary building identification number had been removed for AOC 81 while other open storage activities continued nearby. This gives further indication that the former building at this location burned down, causing operations at this location to cease.

16.1.2 Surface Conditions

AOC 81 has a generally flat topography with a vegetation cover of grass and sagebrush.

16.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 81.

16.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 81. This site was identified as an AOC based solely on aerial photography. Explosives were handled and stored at AOC 81. Therefore, explosives and lead are considered the COPCs for this site. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the temporary storage of munitions.

Figure 16-1

AOC 81 Location Map
Fort Wingate Depot Activity, New Mexico

16.2 Previous Investigations

16.2.1 Nonsampling Data

Nonsampling data available for AOC 81 are summarized below.

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 81 in the 2006 report is as follows:

1935 – No significant findings

1948 – A rectangular building is present; no significant findings

1952 – Rectangular scar/building foundation; no significant findings

1958 – No significant findings

1962 – Dark-toned material or staining is present west and south of the site

1966 – No significant findings

1973 – No significant findings

1978 – No significant findings

1985 – No significant findings

1991 – No significant findings

1993 – No photo coverage

1997 – No significant findings

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within AOC 81. However, the report includes background information relevant to areas at the FWDA installation that were previously used to temporarily store inert items and ordnance, such as AOC 81. The report indicates that buildings designated with an X- identifier were wood-framed structures with a roof but no walls. These buildings had earth or gravel floors and were present at the FWDA installation from approximately 1945 to 1980. Areas with a T- identifier were flat open storage areas with no associated building that were present at the FWDA installation from approximately 1945 to 1948.

16.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 16.3.3.

16.2.3 Conceptual Model

16.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 81 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have been an area of dark-toned soil. However, further evaluation of the aerial photography indicates that the area of dark-toned soil previously contained an Open Storage Site or a Standard Ammunition Magazine, which was a building used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning sometime between 1940 and 1941 and continued until sometime between 1958 and 1962 when the building burned down.

16.2.3.2 Fate and Transport

If contamination is present at AOC 81, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

16.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 16.3.3.

16.3 Release Assessment

16.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 81. As discussed above, this site was identified as an AOC based on aerial photography that was previously interpreted to have been an area of dark-toned soil. However, further evaluation of the aerial photography indicates that the area of dark-toned soil previously contained an Open Storage Site or a Standard Ammunition Magazine, which was a building used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning sometime between 1940 and 1941 and continued until sometime between 1958 and 1962 when the building burned down.

16.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 81 on July 18, 2008. A site walk revealed several prairie dog holes and ant hills, but no man-made debris were observed at the ground surface at AOC 81.

A site reconnaissance field form and a copy of the field notes are presented in ~~Appendix F~~Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in ~~Appendix G~~Appendix F.

16.3.3 Soil Sampling

One ~~multi-incremental~~MI surface soil sample was collected at AOC 81 and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010~~, as~~. The MI sampling locations are shown in Figure 16-2~~1~~.

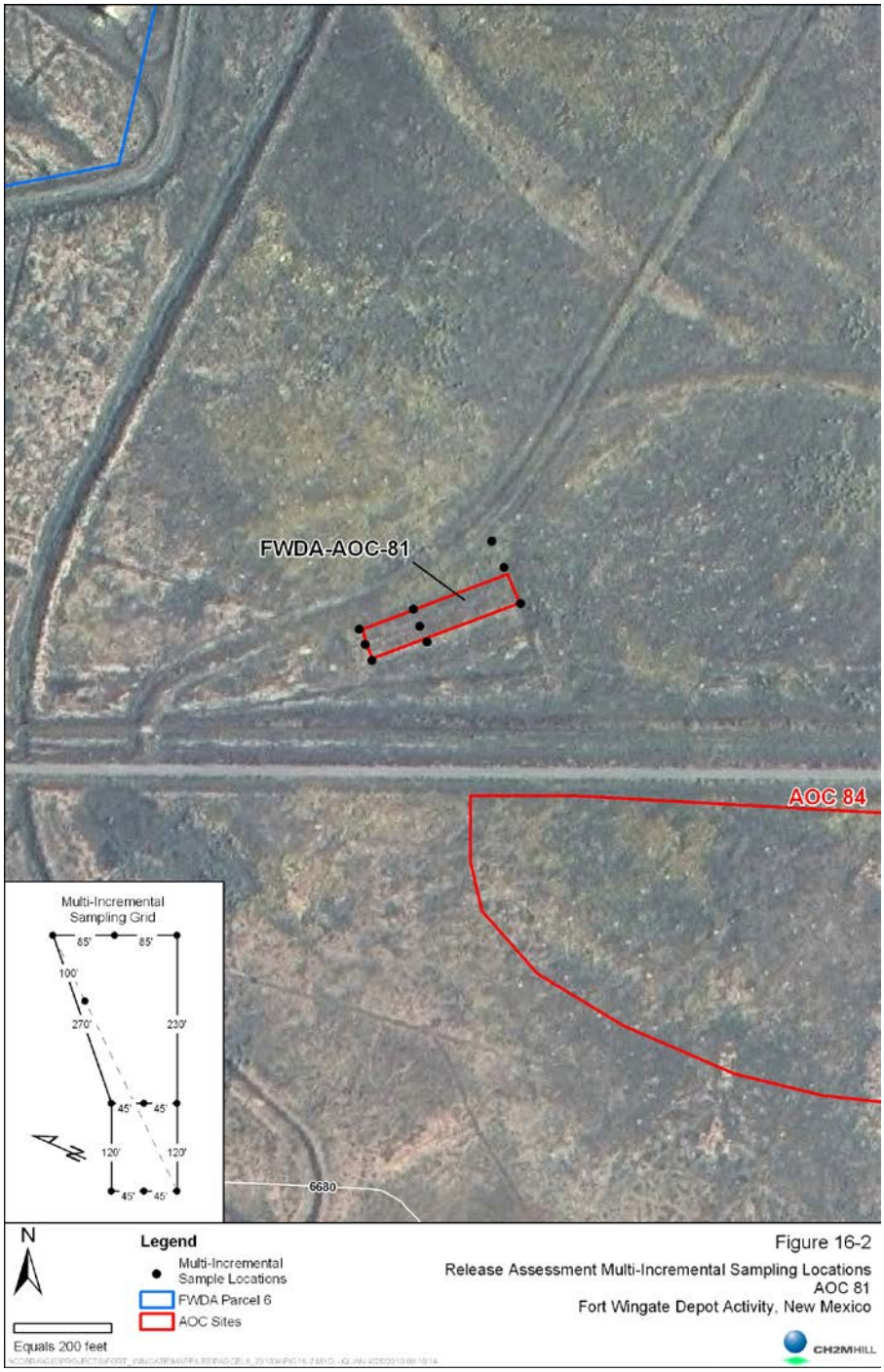

Figure 16-2
Release Assessment Multi-Incremental Sampling Locations
AOC 81
Fort Wingate Depot Activity, New Mexico

The ~~multi-incremental~~MI sample consisted of 10 individual sample locations taken from a sampling grid covering the extent of the AOC and then composited into one ~~multi-incremental~~MI sample.

No explosives were positively detected in the sample collected from AOC 81. Lead was detected at a concentration of 6.1 mg/kg, which is below the NMED residential SSL, of 400 mg/kg. A summary of the sample analysis results is presented in Table 16-1. The full laboratory report is presented in ~~Appendix H~~Appendix G. The DQE report is provided in ~~Appendix I~~Appendix H.

16.3.4 Screening Assessments

16.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, positively detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL, which are provided in ~~Appendix J~~Appendix I. Lead was the only positively detected COPC at AOC 81. Lead was detected at a maximum concentration of 6.1 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg.

16.3.4.2 16.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 81.

16.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, the ~~following conclusions are made for~~ NMED has directed that additional samples be collected at AOC 81:

- ~~Based on the limited number and low concentrations of COPCs detected at AOC 81, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.~~

~~16.3.6Scope of Activities~~

Based on the release assessment investigation results, the following recommendations are made for AOC 81:

- It is recommended that NFA decision documents be prepared for AOC 81.

16.4 Scope of Activities

The following field activities will be conducted during the RFI at AOC 81:

- Collection of three surface soil MI samples from 0- to 6-inches bgs and three subsurface samples from 6- to 12-inches bgs in the AOC.
- Analysis of the surface and subsurface MI samples to verify the results from the 2008 release assessment investigation.

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Table 16-1 Release Assessment Laboratory Data Summary, AOC 81, Fort Wingate Depot Activity

Chemical Class and Laboratory Method	Analyte	RL[a]	NMED Residential Soil SSL[b]	AOC 81 FWDA-AOC81-SS-072108 7/21/2008
Lead - EPA Method 6010B	Lead	0.3688	400	6.1

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
Sample collected from 0 to 1 feet below ground surface.
Concentrations in miligram per kilogram

16.4.1 Multi-Incremental Soil Sampling

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Soil sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 81. Based on the operational history, the COPCs for AOC 81 are explosives and RCRA metals.

Field activities will include the collection of six MI samples within the AOC boundary. Due to its size, AOC 81 is divided into three decision units for the RFI as shown on Figure 16-3. A total of 100 subsamples will be collected from each decision unit using a hand auger. Fifty subsamples will be collected from 0- to 6-inches bgs and 50 subsamples from 6- to 12-inches bgs in each decision unit.

Table 16-2 summarizes the proposed MI soil sampling at AOC 81. All samples will be analyzed for RCRA metals (EPA Methods 6010B and 7471A) and explosives (EPA Method 8330B).

Table 16-2 Proposed RCRA Facility Investigation Sampling and Analyses, AOC 81, Fort Wingate Depot Activity

Sample Analysis					**RCRA Metals**	**Explosives**
Analytical Method					**6010B and 7471A**	**8330B**
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0681-SS01-M-0000	AOC 81	SS01	MI	0 - 0.5	x	x
0681-SS01-M-0000-DUP	AOC 81	SS01	MI DUP	0 - 0.5	x	x
0681-SB01-M-0001	AOC 81	SS01	MI	0.5 - 1.0	x	x
0681-SS02-M-0000	AOC 81	SS02	MI	0 - 0.5	x	x
0681-SS02-M-0000-MS/MSD	AOC 81	SS02	MI MS/MSD	0 - 0.5	x	x
0681-SB02-M-0001	AOC 81	SS02	MI	0.5 - 1.0	x	x
0681-SS03-M-0000	AOC 81	SS03	MI	0 - 0.5	x	x
0681-SB03-M-0001	AOC 81	SS03	MI	0.5 - 1.0	x	x
0681-EB01	AOC 81	AOC 81	Equipment Blank	N/A	x	x
				Total Normal Samples	6	6
				Total Duplicates	1	1
				Total Equipment Blanks (Rinsate water sample)	1	1
				Total MS/MSD Samples (lab counts each separately)	1	1
				Total Soil Samples	9	9
				Total Water Samples	1	1
				Total Analyses	10	10

bgs = below ground surface
DUP = duplicate sample
MI = multi-incremental
RCRA = Resource Conservation and Recovery Act

Figure 16-3
Proposed Sampling Locations
AOC 81
Fort Wingate Depot Activity, New Mexico

Photograph 16-1 AOC 81, facing east, Fort Wingate Depot Activity

Photograph 16-2 AOC 81, facing south, Fort Wingate Depot Activity

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17.0 AOC 83: Feature 22

17.1 Background

17.1.1 Location, Description, and Operational History

~~AOC~~ Area of Concern 83 is located in the west-central portion of Parcel 6, as shown in Figure 17-1. Photographs 17-1 and 17-2, which are provided at the end of this section, show various views of AOC 83. This AOC is described as Feature 22 on 1973 aerial photo (API-5) in the 1995 Archive Search Report (USACE, 1995). The 1935 aerial photograph shows a pre-WWII magazine located in the central portion of the AOC. It is suspected that this building was removed sometime between 1940 and 1941. The 1948 aerial photograph a long rectangular building is present at the site oriented from north to south extending from the location of the pre-WWII magazine to the south beyond the extent of the AOC. The building is present through the 1962 aerial photograph, but had been removed by the time of the 1966 aerial photograph.

Review of historical FWDA maps for this area lists a portion of AOC 83 as an Open Storage Site or a Standard Ammunition Magazine. A temporary building number of Z-~~332~~ 219 or X-20 is listed for this area. Standard Ammunition Magazines were located at various places across the depot and consisted of covered open-air structures with no walls. Munitions were temporarily stored at these locations from the 1940s to the 1960s. Based on review of the aerial photographs and available documents, munitions were temporarily stored at AOC 83 beginning sometime between 1940 and 1941. Storage operations ceased sometime between 1962 and 1966.

17.1.2 Surface Conditions

AOC 83 has a generally flat topography with a vegetation cover of grass and sagebrush.

17.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 83.

17.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 83. This site was identified as an AOC based solely on aerial photography. Explosives were handled and stored at AOC 83. Therefore, explosives and lead are considered the COPCs for this site. Other contaminants are not expected at this location because historical documentation indicates that this site was only used for the temporary storage of munitions.

Figure 17-1

AOC 83 Location Map
Fort Wingate Depot Activity, New Mexico

17.2 Previous Investigations

17.2.1 Nonsampling Data

Nonsampling data available for AOC 83 are summarized below.

Aerial Report; Environmental Research, Inc., 2006

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 83 in the 2006 report is as follows:

1935 – No significant findings

1948 – A building is present; no significant findings

1952 – A building is present; no significant findings

1958 – A building is present; no significant findings

1962 – A building is present; no significant findings

1966 – The building seen in 1962 has been removed

1973 – Stacked material is present onsite; disturbed ground and erosional features are present to the east

1978 – A graded area is present with probable stacked material

1985 – No significant findings

1991 – No significant findings

1993 – No photo coverage

1997 – No significant findings

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

Report of Investigation for Potential Environmental Areas of Concern; USACE, 2007

This report documents an investigation completed at AOCs located outside of the boundaries of current SWMUs and AOCs. Investigation activities were not completed within AOC 83. However, the report includes background information relevant to areas at the FWDA installation that were previously used to temporarily store inert items and ordnance, such as AOC 83. The report indicates that buildings designated with an X- identifier were wood-framed structures with a roof but no walls. These buildings had earth or gravel floors and were present at the FWDA installation from approximately 1945 to 1980. Areas with a Z- identifier were either buildings such as those with the X- identifier or were flat open storage areas with no associated building that were present at the FWDA installation from approximately 1945 to 1980.

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Final Report on Airborne Geophysical Survey, Battelle, 2009

In January, 2009, a low-altitude airborne vertical magnetic gradient geophysical survey was conducted over the Fort Wingate Army Depot, New Mexico. The objective of the survey was to collect data over areas delineated by the United States Army Engineering Support Center to define the limits of UXO contamination with an emphasis on pits and trenches. The main survey area consisted of 1,650 acres; however, due to topography and vegetation, only 1,489 acres were actually surveyed. The typical survey altitude was 1 to 5 meters above ground level in the low, flat areas, and 5 to 10 meters above ground level in the valleys and rugged terrain areas.

The results of the airborne geophysical survey for AOC 83 are shown in Figure 17-2. The magnetic anomalies visible in AOC 83 are related to gravel imported to the site for the temporary building pad and road base.

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17.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 17.3.3.

17.2.3 Conceptual Model

17.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment at AOC 83 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have been an area of disturbed ground and stacked material. However, further evaluation of the aerial photography indicates that the area of disturbed ground previously contained an Open Storage Site or a Standard Ammunition Magazine, which was a building used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning sometime between 1940 and 1941 and continued until sometime between 1962 and 1966 when the building was removed.

17.2.3.2 Fate and Transport

If contamination is present at AOC 83, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

17.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 17.3.3.

17.3 Release Assessment

17.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 83. As discussed above, this site was identified as an AOC based on aerial photography that was previously interpreted to have been an area disturbed ground or stacked material. However, further evaluation of the aerial photography indicates that AOC 83 previously contained an Open Storage Site or a Standard Ammunition Magazine, which was a building used for the temporary storage of munitions. Based on available documentation, storage of munitions occurred at this site beginning sometime between 1940 and 1941 and continued until sometime between 1962 and 1966 when the building was removed.

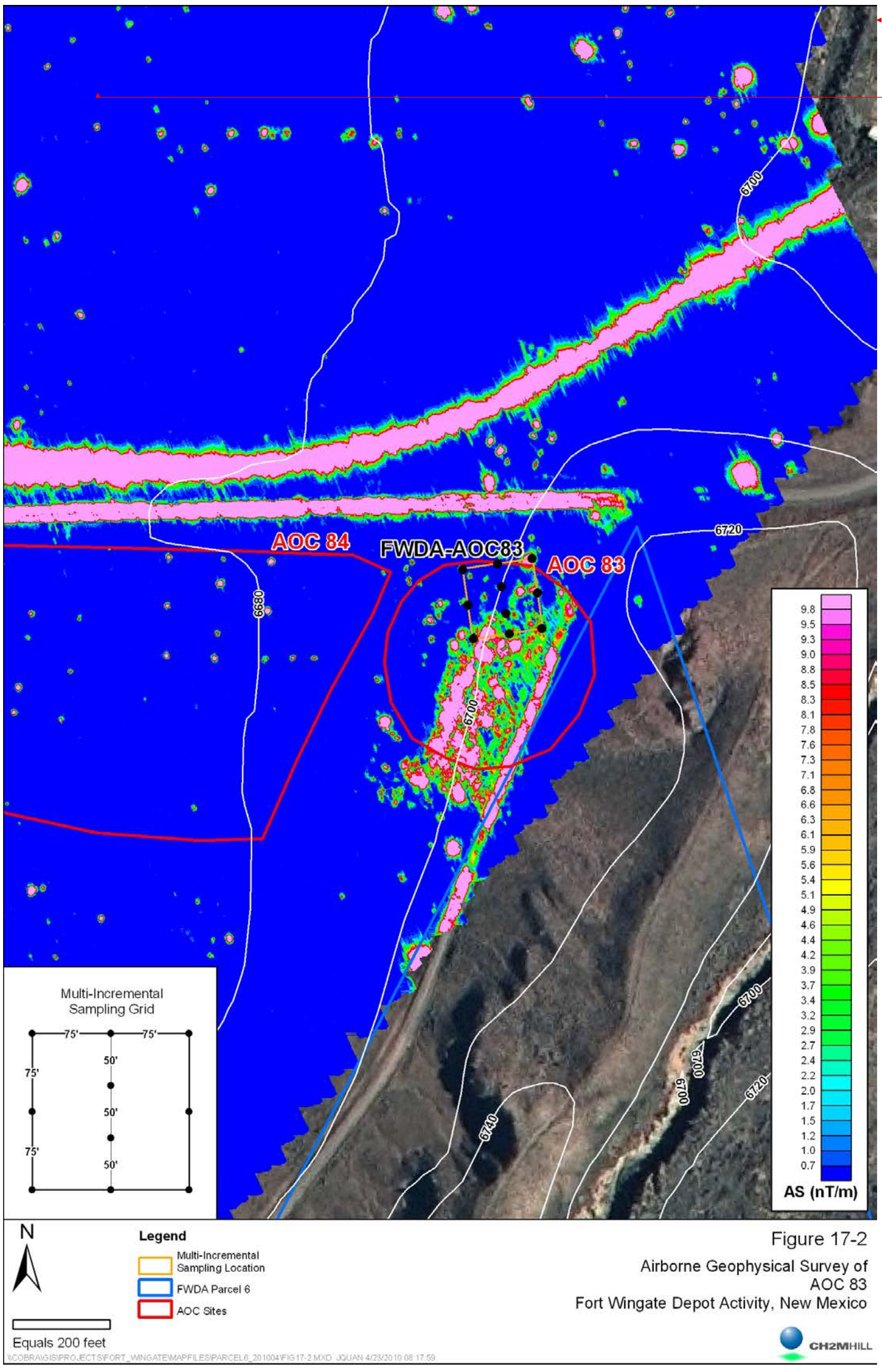

Figure 17-2
Airborne Geophysical Survey of AOC 83
Fort Wingate Depot Activity, New Mexico

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17.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 83 on July 18, 2008. A site walk revealed several pieces of metal packaging banding and several 37mm ammunition storage can lids.

A site reconnaissance field form and a copy of the field notes are presented in ~~Appendix F~~Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in ~~Appendix G~~Appendix F.

17.3.3 Soil Sampling

One ~~multi-incremental~~MI surface soil sample was collected at AOC 83 and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. The MI sample location was selected based on the site reconnaissance in an area with debris. The MI sample decision unit is shown on Figure 17-3. ~~(sample location shown in Figure 17-1).~~ The ~~multi-incremental~~MI sample consisted of 10 individual sample locations taken from a ~~75~~150-foot-by-~~75~~150-foot sampling grid and composited into one ~~multi-incremental~~MI sample.

No explosives were positively detected in the sample collected from AOC 83. Lead was detected at a ~~low~~ concentration of 7.3 mg/kg, which is below the NMED residential SSL, ~~which is~~of 400 mg/kg. A summary of the sample analysis results is presented in Table 17-1. The full laboratory report is presented in ~~Appendix H~~Appendix G. The DQE report is provided in ~~Appendix I~~Appendix H.

17.3.4 Screening Assessments

17.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, positively detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL, which are provided in ~~Appendix J~~Appendix I. Lead was the only positively detected COPC at AOC 83. Lead was detected at a maximum concentration of 7.3 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg.

17.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 83.

17.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, the ~~following conclusions are made for AOC 83:~~NMED has directed that additional MI samples be collected from AOC 83.

Table 17-1 Release Assessment Laboratory Data Summary, AOC 83, Feature 22, Fort Wingate Depot Activity

Chemical Class and Laboratory Method	**Analyte**	**RL[a]**	**NMED Residential Soil SSL[b]**	AOC 83
				FWDA-AOC83-SS-072108
				7/21/2008
Lead - EPA Method 6010B	Lead	0.3688	400	7.3

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
Concentrations in milligram per kilogram

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- ~~Based on the limited number and low concentrations of COPCs detected at AOC 83, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected projected future land use.~~

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~~17.3.6Scope of Activities~~

~~Based on the release assessment investigation results, the following recommendations are made for AOC 83:~~

- ~~It is recommended that NFA decision documents be prepared for AOC 83.~~

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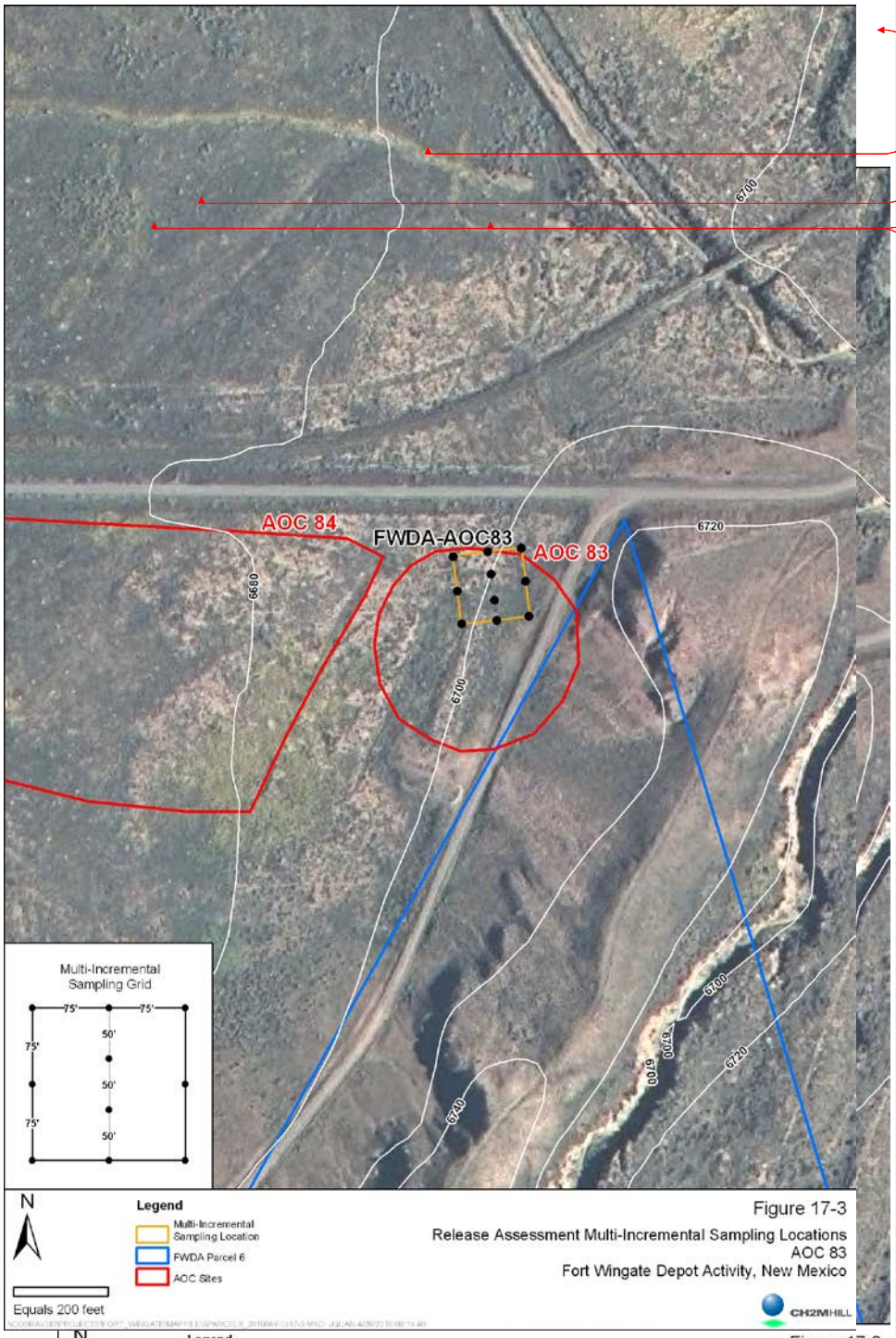

Figure 17-3
Release Assessment Multi-Incremental Sampling Locations
AOC 83
Fort Wingate Depot Activity, New Mexico

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Multi-Incremental Sampling Location
FWDA Parcel 6
AOC Sites
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Figure 17-3
Multi-Incremental Sampling Locations
AOC 83
Fort Wingate Depot Activity, New Mexico

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~~Table 17-1 Release Assessment Laboratory Data Summary, AOC 83, Feature 22, Fort Wingate Depot Activity~~

Chemical Class and Laboratory Method	Analyte	RL[a]	NMED Residential Soil SSL[b]	AOC 83
				FWDA-AOC83-SS-072108
				7/21/2008
~~Lead~~ EPA Method 6010B	Lead	0.3688	400	7.3

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
Concentrations in milligram per kilogram

17.4 Scope of Activities

~~17.4~~The following field activities will be conducted during the RFI at AOC 83:

- Collection of six surface soil MI samples from 0- to 6-inches bgs and six subsurface soil MI samples from 6- to 12-inches bgs in AOC 83.
- Analysis of the surface and subsurface MI samples to verify the results of the 2008 release assessment investigation.

17.4.1 Multi-Incremental Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 83. Based on the operational history, the COPCs for AOC 83 are RCRA metals and explosives.

Field activities will include the collection of 12 MI samples within the AOC boundary. Due to its size, AOC 83 was divided into six decision units for the RFI as shown on Figure 17-4. A total of 100 subsamples will be collected from each decision unit using a hand auger. Fifty subsamples will be collected from 0- to 6-inches bgs and 50 subsamples from 6- to 12-inches bgs in each decision unit.

Table 17-2 summarizes the proposed MI soil sampling at AOC 83. All samples will be analyzed for RCRA metals (EPA Methods 6010B and 7471A) and explosives (EPA 8330B).

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Table 17-2 Proposed RCRA Facility Investigation Sampling and Analyses for AOC 83, Fort Wingate Depot Activity

Sample Analysis					RCRA Metals	Explosives
Analytical Method					6010B and 7471A	8330B
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0683-SS01-M-0000	AOC 83	SS01	MI	0 - 0.5	x	x
0683-SS01-M-0000-DUP	AOC 83	SS01	MI DUP	0 - 0.5	x	x
0683-SB01-M-0001	AOC 83	SS01	MI	0.5 - 1.0	x	x
0683-SS02-M-0000	AOC 83	SS02	MI	0 - 0.5	x	x
0683-SB02-M-0001	AOC 83	SS02	MI	0.5 - 1.0	x	x
0683-SS03-M-0000	AOC 83	SS03	MI	0 - 0.5	x	x
0683-SB03-M-0001	AOC 83	SS03	MI	0.5 - 1.0	x	x
0683-SB03-M-0001-MS/MSD	AOC 83	SS03	MI MS/MSD	0.5 - 1.0	x	x
0683-SS04-M-0000	AOC 83	SS04	MI	0 - 0.5	x	x
0683-SB04-M-0001	AOC 83	SS04	MI	0.5 - 1.0	x	x
0683-SB04-M-0001-DUP	AOC 83	SS04	MI DUP	0.5 - 1.0	x	x
0683-SS05-M-0000	AOC 83	SS05	MI	0 - 0.5	x	x
0683-SB05-M-0001	AOC 83	SS05	MI	0.5 - 1.0	x	x
0683-SS06-M-0000	AOC 83	SS06	MI	0 - 0.5	x	x
0683-SB06-M-0001	AOC 83	SS06	MI	0.5 - 1.0	x	x
0683-EB01	AOC 83	AOC 83	Equipment Blank	N/A	x	x
				Total Normal Samples	12	12
				Total Duplicates	2	2
				Total Equipment Blanks (Rinsate water sample)	1	1
				Total MS/MSD Samples (lab counts each separately)	1	1
				Total Soil Samples	16	16
				Total Water Samples	1	1
				Total Analyses	17	17

AOC = Area of Concern
bgs = below ground surface
DUP = duplicate sample
MI = multi-incremental
MS/MSD - matrix spike/matrix spike duplicate
RCRA = Resource Conservation and Recovery Act

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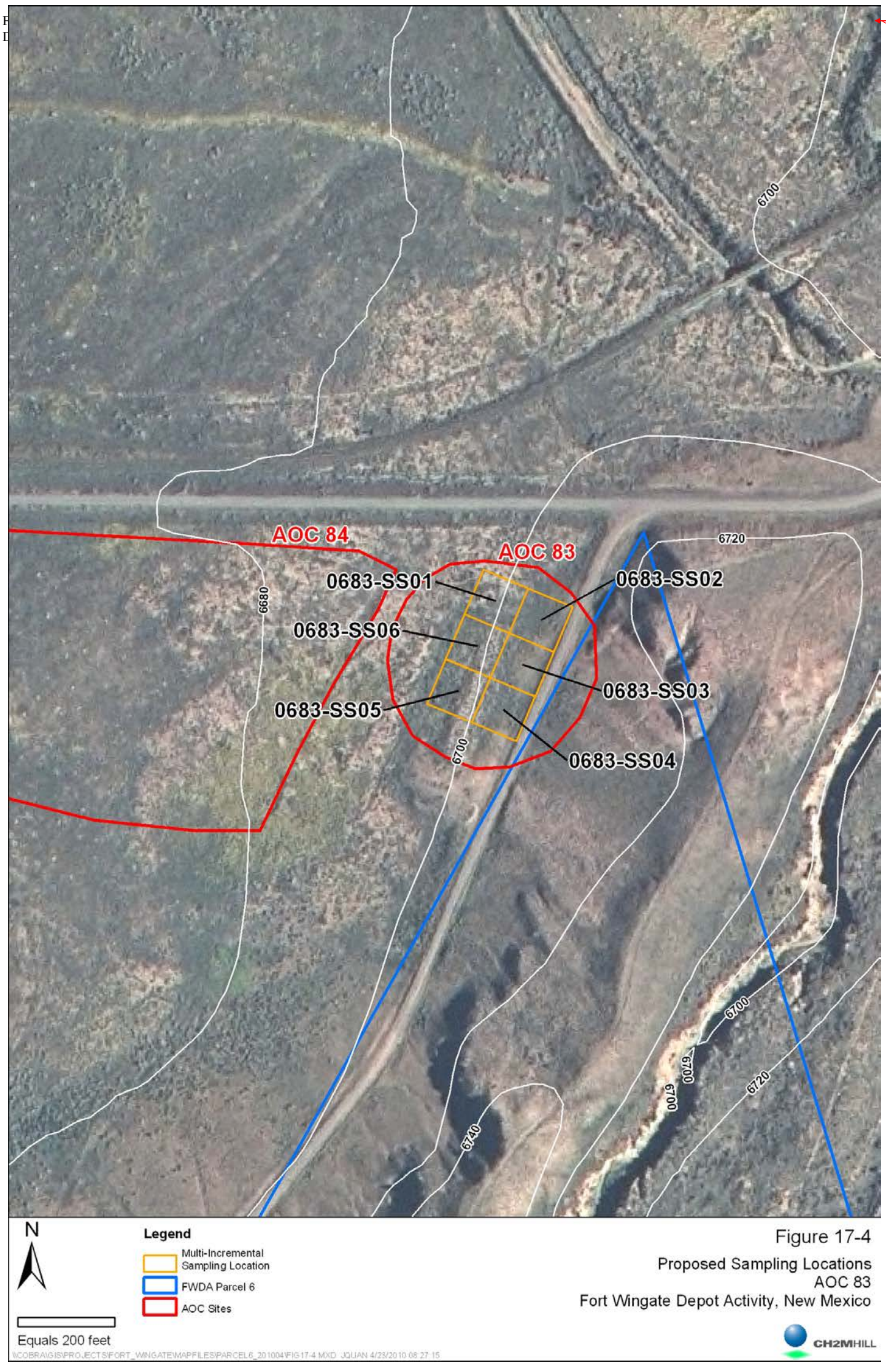

Figure 17-4
Proposed Sampling Locations
AOC 83
Fort Wingate Depot Activity, New Mexico

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~~Table 17-2 Proposed RCRA Facility Investigation Sampling and Analyses~~
~~AOC 83, Fort Wingate Depot Activity~~

Sample Analysis					**RCRA Metals**	**Explosives**
Analytical Method					**6010B and 7471A**	**8330B**
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0683-SS01-M-0000	AOC 80	SS01	MI	0 - 0.5	x	x
0683-SB01-M-0001	AOC 80	SS01	MI	0.5 - 1.0	x	x
0683-SS02-M-0000	AOC 80	SS02	MI	0 - 0.5	x	x
0683-SB02-M-0000	AOC 80	SS02	MI	0.5 - 1.0	x	x
0683-SS03-M-0000	AOC 80	SS03	MI	0 - 0.5	x	x
0683-SB03-M-0000	AOC 80	SS03	MI	0.5 - 1.0	x	x
0683-SS04-M-0000	AOC 80	SS04	MI	0 - 0.5	x	x
0683-SB04-M-0000	AOC 80	SS04	MI	0.5 - 1.0	x	x
0683-SS05-M-0000	AOC 80	SS05	MI	0 - 0.5	x	x
0683-SB05-M-0000	AOC 80	SS05	MI	0.5 - 1.0	x	x
0683-SS06-M-0000	AOC 80	SS06	MI	0 - 0.5	x	x
0683-SB06-M-0000	AOC 80	SS06	MI	0.5 - 1.0	x	x

bgs = below ground surface
RCRA = Resource Conservation and Recovery Act

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~~**Photograph 17-1 AOC 83, facing south, Fort Wingate Depot Activity**~~

Photograph 17-1. AOC 83 facing south, Fort Wingate Depot Activity

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Photograph 17-2. AOC 83 facing west, Fort Wingate Depot Activity.

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~~**Photograph 17-2 AOC 83, facing west, Fort Wingate Depot Activity**~~

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18.0 AOC 84: Feature 12

18.1 Background

18.1.1 Location, Description, and Operational History

~~AOC~~ Area of Concern 84 is located in the north-central portion of Parcel 6, as shown in Figure 18-1. Photographs 18-1 and 18-2, which are provided at the end of this section, show various views of AOC 84. This AOC is described as Feature 12 on 1962 aerial photo (API-3) in the 1995 Archive Search Report (USACE, 1995). The 1935 aerial photograph shows a pre-WWII magazine located in the north-central portion of the AOC and another smaller building in the southeast portion of the AOC. It is suspected that these buildings were removed sometime between 1940 and 1941. Based on the review of available aerial photography and historical documents, there is no indication of active operations at this AOC from 1941 to the present.

Further review of the aerial photography indicates that the disturbed ground and dark-toned area noted in the previous review of the 1962 aerial photograph appears to be caused by natural drainage and vegetation patterns at this location that are still generally present at the site today. Additionally, this site contains vast numbers of prairie dog burrows that cover nearly the entire AOC that could have been partially interpreted as disturbed ground in the 1962 aerial photograph.

18.1.2 Surface Conditions

AOC 84 has a generally flat topography with a vegetation cover of grass and sagebrush. This site contains vast numbers of prairie dog burrows that cover nearly the entire AOC.

18.1.3 Subsurface Conditions

Previous subsurface investigations have not been completed at AOC 84.

18.1.4 Waste Characteristics and Contaminants of Potential Concern

No known wastes or contaminants were historically released at AOC 84. This site was identified as an AOC based solely on aerial photography. Explosives were handled in nearby areas and were potentially stored in temporary open storage configurations near AOC 84. Therefore, explosives and lead are considered the COPCs for this site. Other contaminants are not expected at this location because AOC 84 appears to have been historically undeveloped land with no indication of active operations following the removal of the pre-WWII magazine prior to 1941.

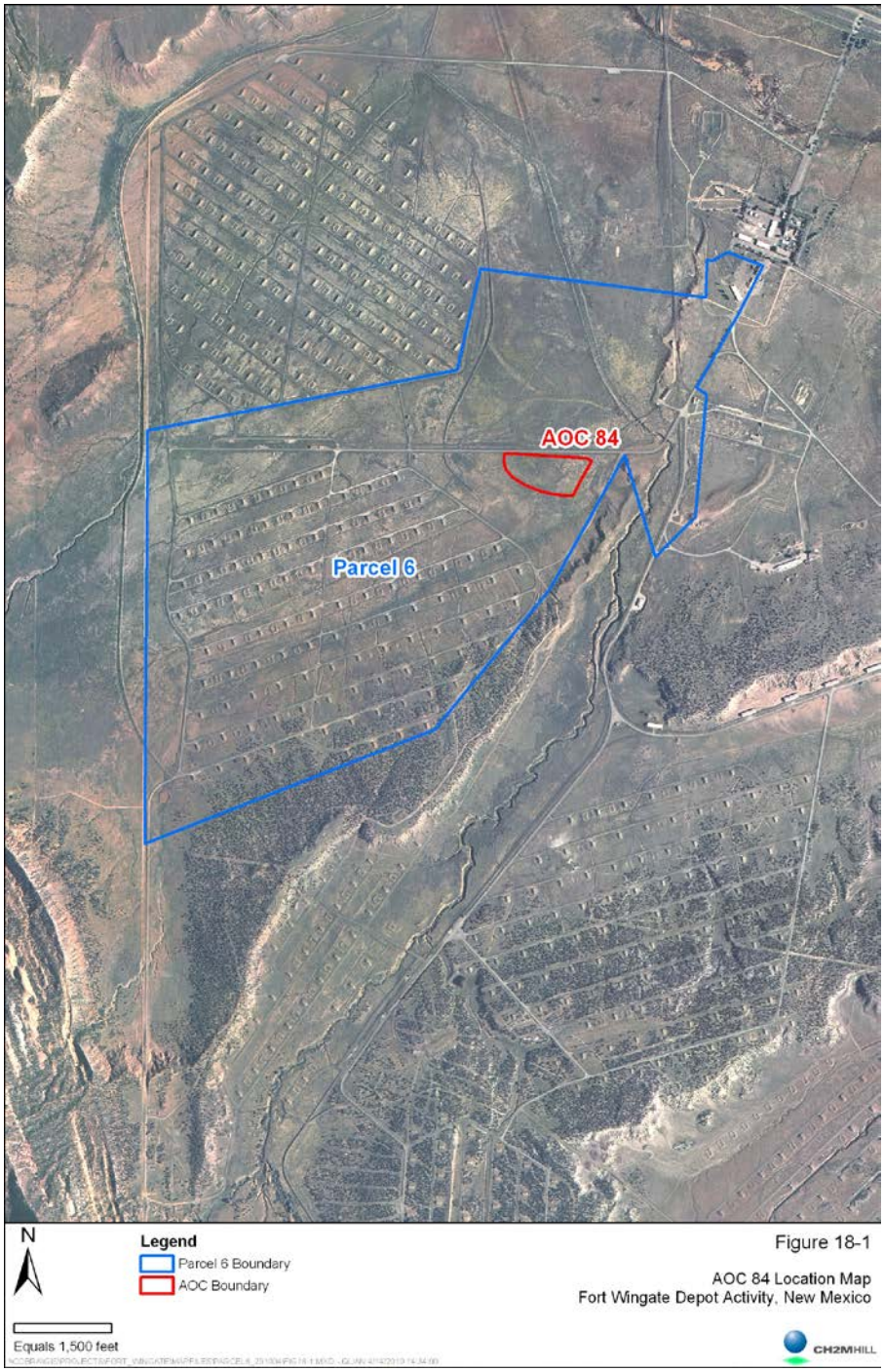

Figure 18-1

AOC 84 Location Map
Fort Wingate Depot Activity, New Mexico

18.2 Previous Investigations

18.2.1 Nonsampling Data

An aerial photography analysis was completed in 2006 based on aerial imagery obtained during a search of government and commercial records (ERI, 2006). The photographs were analyzed utilizing a stereoscope to locate potential sources of contamination and to record any findings inside the boundaries of the known AOCs and SWMUs. Aerial images dated from 1935 to 1997 were catalogued. The summary of imagery analysis provided for AOC 84 in the 2006 report is as follows:

1935 – No significant findings

1948 – No significant findings

1952 – No significant findings

1958 – No significant findings

1962 – Disturbed ground and dark-toned material are present

1966 – No significant findings

1973 – No significant findings

1978 – No significant findings

1985 – No significant findings

1991 – No significant findings

1993 – No photo coverage

1997 – No significant findings

Based on further review of the 2006 report and the aerial photographs, it appears that the report states "no significant findings" if there were no observed environmental concerns. However, this statement does not mean that other changes to the area were not observed.

Final Report on Airborne Geophysical Survey, Battelle, 2009

In January, 2009, a low-altitude airborne vertical magnetic gradient geophysical survey was conducted over the Fort Wingate Army Depot, New Mexico. The objective of the survey was to collect data over areas delineated by the United States Army Engineering Support Center to define the limits of UXO contamination with an emphasis on pits and trenches. The main survey area consisted of 1,650 acres; however, due to topography and vegetation, only 1,489 acres were actually surveyed. The typical survey altitude was 1 to 5 meters above ground level in the low, flat areas, and 5 to 10 meters above ground level in the valleys and rugged terrain areas.

The results of the airborne geophysical survey for AOC 84 are shown in Figure 19-2. No significant magnetic anomalies were identified within the boundary of the AOC.

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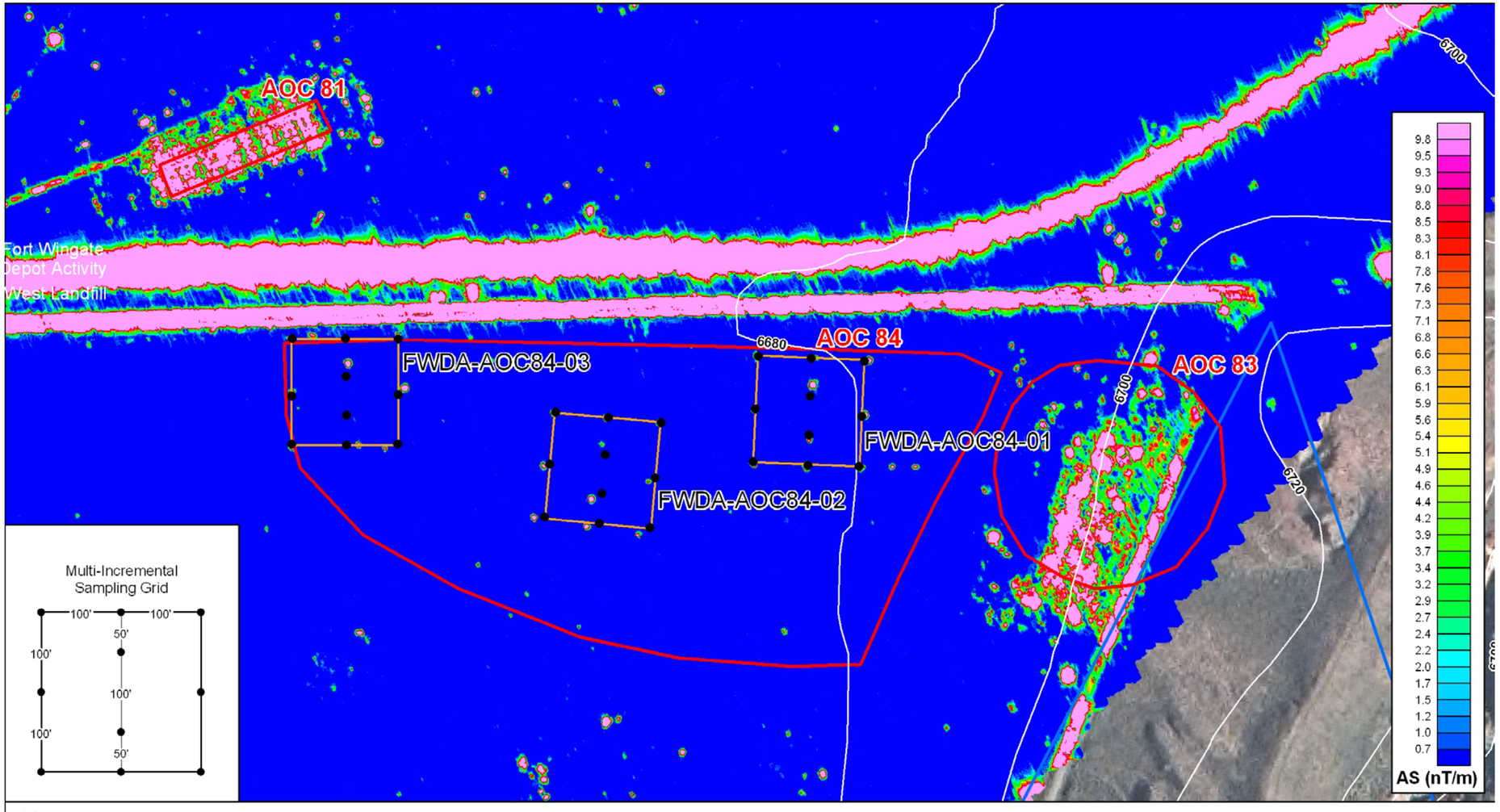

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- Multi-Incremental Sampling Location
- FWDA Parcel 6
- AOC Sites

Equals 200 feet

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Figure 18-2

Airborne Geophysical Survey of
AOC 84
Fort Wingate Depot Activity, New Mexico

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18.2.2 Sampling Data

The 2008 release assessment investigation constitutes the only sampling data for this site. The release assessment data are discussed in Section 18.3.3.

18.2.3 Conceptual Model

18.2.3.1 Nature and Extent of Contamination

There is no record of previous releases to the environment or historic operations at AOC 84 that would result in COPCs being present at this site. This site was identified as an AOC based on aerial photography that was previously interpreted to have apparent disturbed ground. However, further evaluation of the aerial photography indicates that the area of disturbed ground appears to be caused by natural drainage and vegetation patterns at this location that are still generally present at the site today. Additionally, this site contains vast numbers of prairie dog burrows that cover nearly the entire AOC that could have been partially interpreted as disturbed ground in the 1962 aerial photograph. Historical documents do not indicate that this area supported active operations from 1941 to the present.

18.2.3.2 Fate and Transport

If contamination is present at AOC 84, it could pose a threat to human health and the environment through exposure to contaminated surface or subsurface soils.

18.2.3.3 Data Gaps

The 2008 release assessment investigation addressed the sample data gaps for this site. The release assessment data are discussed in Section 18.3.3.

18.3 Release Assessment

18.3.1 Historical Records/Document Review

None of the historical documents reviewed suggested that releases of hazardous wastes or hazardous constituents occurred at AOC 84. As noted in the aerial photograph analysis report (ERI, 2006), there were no significant findings for AOC 84 on any of the photos reviewed from 1935 to 1997 that would suggest a release to the environment at this site, other than the disturbed ground noted for the 1962 aerial photograph. Upon further evaluation of the aerial photography, the disturbed ground appears to be caused by natural drainage and vegetation patterns at this location that are still generally present at the site today.

18.3.2 Site Reconnaissance Findings

Site reconnaissance was completed at AOC 84 on July 21, 2008. A site walk revealed several prairie dog holes and ant hills, but no man-made debris were observed at the ground surface at AOC 84.

A site reconnaissance field form and a copy of the field notes are presented in ~~Appendix F~~Appendix E which can be viewed on the CD provided with this Work Plan. The photographs taken during the site walk are presented in ~~Appendix G~~Appendix F.

18.3.3 Soil Sampling

Surface soil samples were collected at three general locations at AOC 84. The sample locations are shown in Figure 18-3~~1~~. Multi-incremental samples were collected from each of the three locations and analyzed for explosives using EPA Method 8330B and for lead using EPA Method 6010. Each of the three ~~multi-incremental~~MI samples consisted of 10 individual sample locations taken from a ~~100~~200-foot-by-~~100~~200-foot sampling grid and composited into one ~~multi-incremental~~MI sample.

Four explosives compounds, 1,3,5-trinitrobenzene, 2,4-dinitrotoluene, 2,6-dinitrololuene, and RDX, and lead were detected at low or qualified concentrations below the NMED residential SSL or the EPA ~~Region 6 MSSL~~RSL for soil at sample locations FWDA-AOC84-02 and FWDA-AOC84-03. A summary of the sample analysis results is presented in Table 18-1. The full laboratory report is presented in ~~Appendix H~~Appendix G. The DQE report is provided in ~~Appendix I~~Appendix H.

Table 18-1 Release Assessment Laboratory Data Summary, AOC 84, Fort Wingate Depot Activity

Chemical Class and Laboratory Method	**Analyte**	**RL[a]**	**NMED Residential Soil SSL[b]**	AOC 84	AOC 84	AOC 84
				FWDA-AOC84-01-SS-072208	FWDA-AOC84-02-SS-072208	FWDA-AOC84-03-SS-072208
				7/22/2008	7/22/2008	7/22/2008
Lead - EPA Method 6010B	Lead	0.3688	400	6.2	4.3	5.9
Explosives- EPA Method 8330B	1,3,5-Trinitrobenzene	0.2	2,200[c]	<0.2	0.2 J	<0.2
	2,4-Dinitrotoluene	0.23	12.6	<0.23	0.11 J	0.13 J
	2,6-Dinitrotoluene	0.2	61.2	<0.2	0.45	0.16 J
	RDX	0.18	35.6	<0.18	0.18 J	<0.18

[a] Column provides the Reporting Limit (RL), which was the Practical Quantitation Limit (PQL) for this project.
[b] NMED Residential Direct Exposure to Soil Screening Level (SSL), August 2009.
[c] EPA Regional Screening Levels, December 2009.
Positive detections of explosives compounds are shaded.
Samples collected from 0 to 1 feet below ground surface.
J – Estimated value below the RL.
Concentrations in milligram per kilogram
RDX - cyclotrimethylenetrinitramine

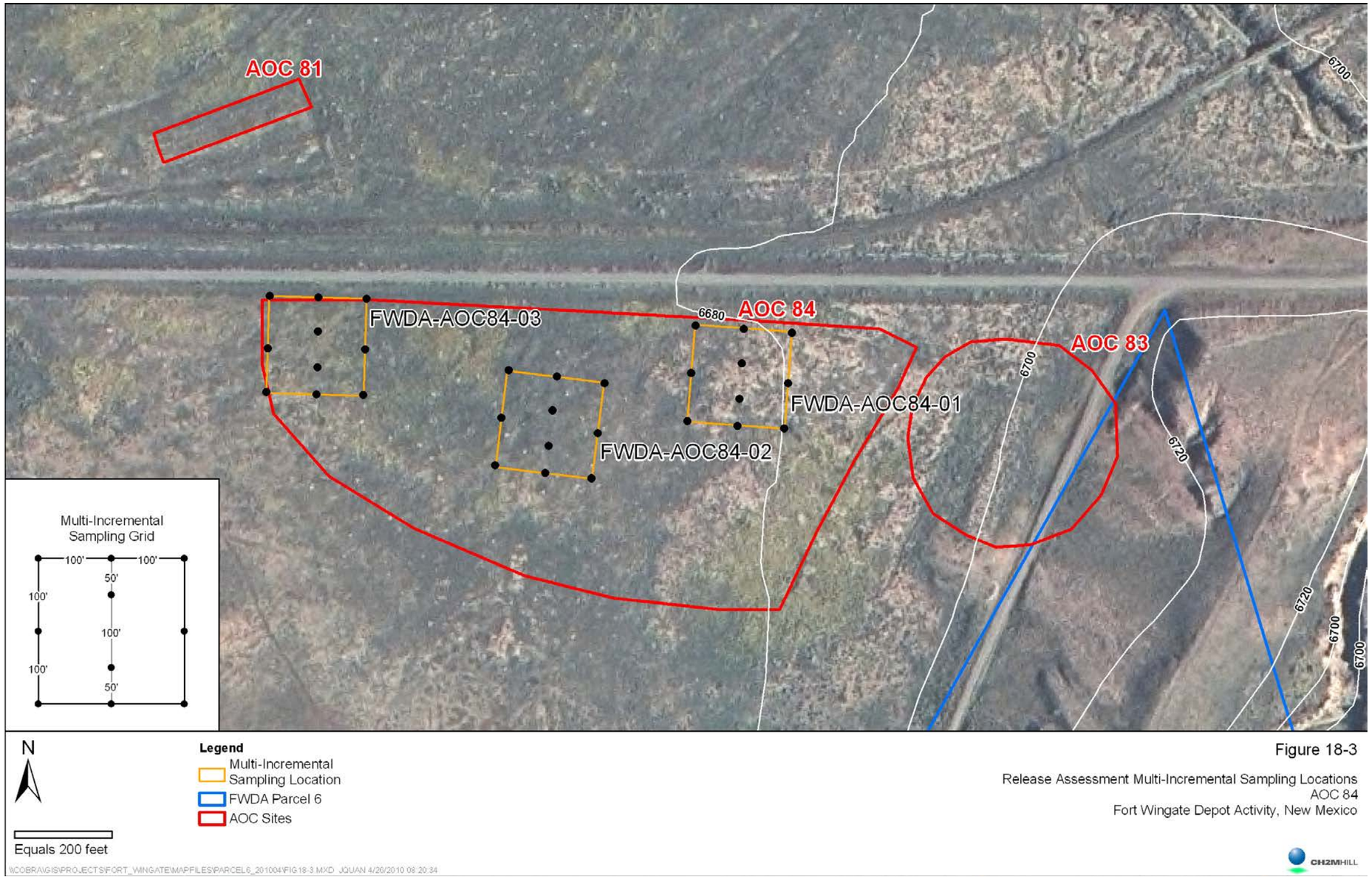

Figure 18-3

Release Assessment Multi-Incremental Sampling Locations
AOC 84
Fort Wingate Depot Activity, New Mexico

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18.3.4 Screening Assessments

18.3.4.1 Human Health Screening Assessment

As part of the human health screening assessment, detected COPCs were evaluated by comparing the maximum detected concentrations to the NMED residential SSL for all positively detected compounds. Detected compounds were evaluated based on comparison to their toxicological endpoint and comparison to NMED residential direct exposure to SSL (~~NMED, 2006~~NMED, 2009), or if no NMED SSL exists, to the EPA ~~Region 6 MSSL~~RSL for soil (EPA, 2008~~9), as described in Attachment 7, Section 7.2 of the RCRA Permit.~~ The NMED SSLs and EPA ~~Region 6 MSSL~~RSLs are provided in ~~Appendix J~~Appendix I.

The following positively detected compounds were considered for further screening assessment:

- 1,3,5-trinitrobenzene, 0.2J milligram per kilogram (mg/kg) (J represents estimated value)
- 2,4-dinitrotoluene, 0.13J mg/kg
- 2,6-dinitrotoluene, 0.45 mg/kg
- RDX, 0.18J mg/kg
- Lead, 6.2 mg/kg

In accordance with NMED guidance, identified COPCs were used to generate a site risk ratio by dividing the COPC maximum detected concentrations by their respective screening levels and summing all values. The calculations are presented in Equations 18.1 and 18.2.

Equation 18.1 – AOC 84 Noncarcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for 1,3,5-trinitrobenzene, 2,4-dinitrotoluene, and 2,6-dinitrotoluene}}{\text{NMED residential SSL or EPA Region 6 residential MSSL for direct exposure to soil for each compound}} = \text{Noncarcinogenic Site Risk Ratio}$$

$$\left[\frac{0.2J\ mg/kg}{1{,}800\ mg/kg} + \frac{0.13J\ mg/kg}{122\ mg/kg} + \frac{0.45\ mg/kg}{61\ mg/kg} = 0.009\ Site\ Risk\ Ratio\right]$$

Equation 18.2 – AOC 84 Carcinogenic Site Risk Ratio

$$\frac{\text{Maximum site concentrations for RDX}}{\text{NMED residential SSL for direct exposure to soil for RDX}} = \text{Carcinogenic Site Risk Ratio}$$

$$\left[\frac{0.18J\ mg/kg}{44.2\ mg/kg} = 0.004\ Site\ Risk\ Ratio\right]$$

In accordance with NMED guidance, the residential human health-based site risk ratio was calculated to be 0.009 for noncarcinogenic compounds and 0.004 for carcinogenic compounds. Lead was detected at a maximum concentration of 6.2 mg/kg, which does not exceed the NMED residential SSL of 400 mg/kg. The calculated risk ratios are below the maximum acceptable ratio of 1. Therefore, the COPCs at this site pose an acceptable level of risk.

18.3.4.2 Risk Assessments

Based on the screening assessment, full human health and ecological risk assessments are not necessary for AOC 84.

18.3.5 Release Assessment Conclusion

Based on the release assessment investigation results, the NMED has directed that additional MI samples be collected from AOC 84.

18.4 Scope of Activities

- Collection of eight surface soil MI samples from 0- to 6-inches bgs and eight subsurface soil MI samples from 6- to 12-inches bgs in AOC 84.
- Analysis of the surface and subsurface MI samples to verify the results of the 2008 release assessment investigation.

18.4.1 Multi-Incremental Soil Sampling

Soil sampling will be conducted to evaluate the presence of environmental impacts from historical operations at AOC 84. Based on the previous investigations, the COPCs for AOC 84 are RCRA metals and explosives.

Field activities will include the collection of 16 MI samples within the AOC boundary. The location of the decision units was based upon the positive detections of explosives and lead in the release assessment investigation. The proposed MI sampling locations are shown on Figure 18-4. A total of 100 subsamples will be collected from each decision unit using a hand auger. Fifty subsamples will be collected from 0- to 6-inches bgs and 50 subsamples from 6- to 12-inches bgs in each decision unit.

Table 18-2 summarizes the proposed MI soil sampling at AOC 84. All samples will be analyzed for RCRA metals (EPA Methods 6010B and 7471A) and explosives (EPA 8330B).

- ~~Based on the limited number and low concentrations of COPCs detected at AOC 84, the AOC is recommended for NFA based on the NMED Criterion 5: The AOC has been characterized or remediated in accordance with current applicable state or federal regulations, and the available data indicate that the contaminants pose an acceptable level of risk under current and projected future land use.~~

~~18.3.6Scope of Activities~~

~~Based on the release assessment investigation results, the following recommendations are made for AOC 84:~~

- ~~It is recommended that NFA decision documents be prepared for AOC 84.~~

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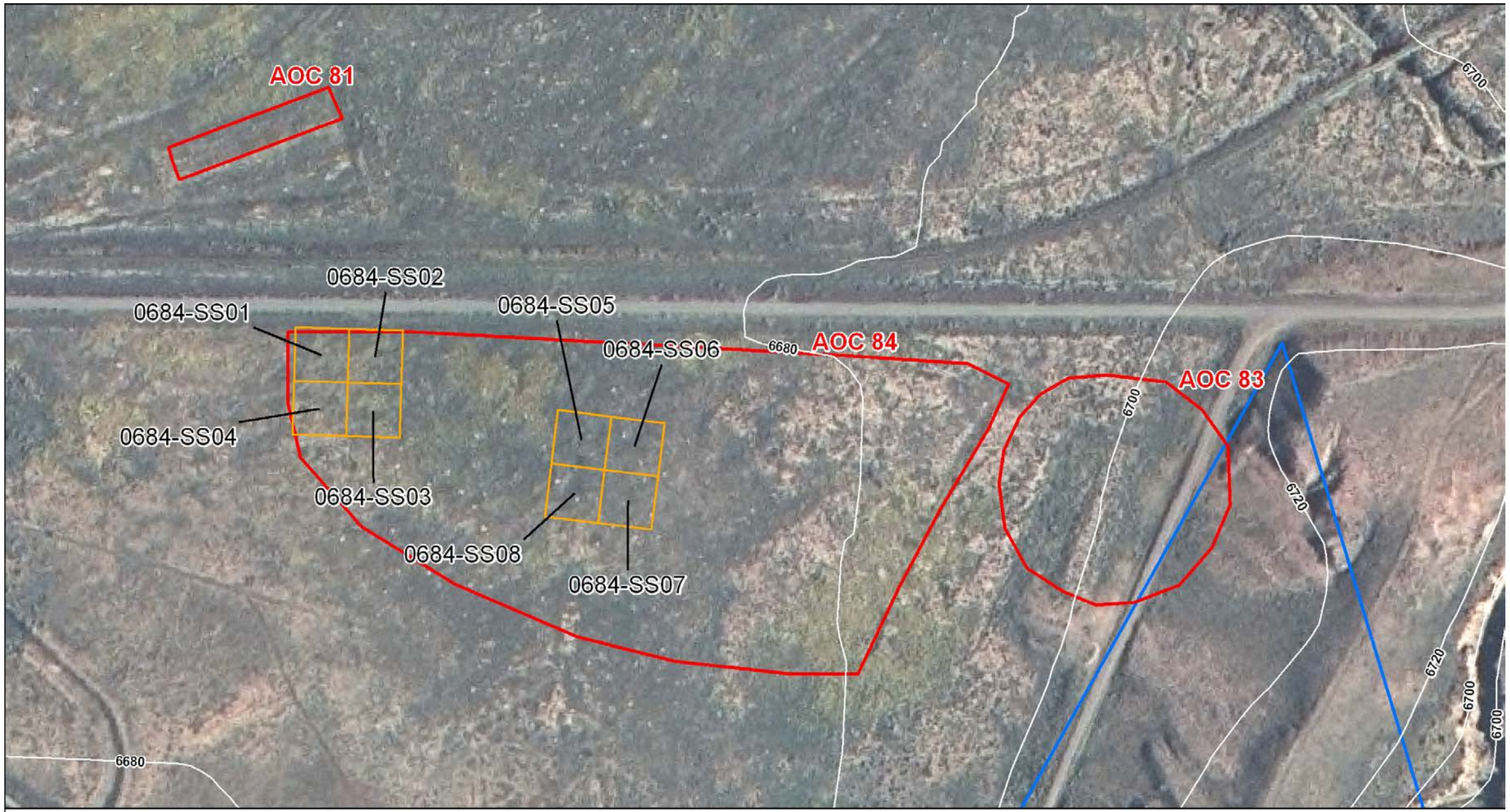

Figure 18-4

Proposed RCRA Facility Investigation Sampling Locations
AOC 84
Fort Wingate Depot Activity, New Mexico

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Table 18-2 Proposed RCRA Facility Investigation Sampling and Analyses, AOC 84, Fort Wingate Depot Activity

Sample Analysis					RCRA Metals	Explosives
Analytical Method					6010B and 7471A	8330B
Sample ID	Site	Sample Location	Sample Type	Sample Depth (feet bgs)		
0684-SS01-M-0000	AOC 84	SS01	MI	0 - 0.5	x	x
0684-SB01-M-0001	AOC 84	SS01	MI	0.5 - 1.0	x	x
0684-SB01-M-0001-MS/MSD	AOC 84	SS01	MI MS/MSD	0.5 - 1.0	x	x
0684-SS02-M-0000	AOC 84	SS02	MI	0 - 0.5	x	x
0684-SB02-M-0001	AOC 84	SS02	MI	0.5 - 1.0	x	x
0684-SS03-M-0000	AOC 84	SS03	MI	0 - 0.5	x	x
0684-SB03-M-0001	AOC 84	SS03	MI	0.5 - 1.0	x	x
0684-SB03-M-0001-DUP	AOC 84	SS03	MI DUP	0.5 - 1.0	x	x
0684-SS04-M-0000	AOC 84	SS04	MI	0 - 0.5	x	x
0684-SS04-M-0000-DUP	AOC 84	SS04	MI DUP	0 - 0.5	x	x
0684-SB04-M-0001	AOC 84	SS04	MI	0.5 - 1.0	x	x
0684-SS05-M-0000	AOC 84	SS05	MI	0 - 0.5	x	x
0684-SB05-M-0001	AOC 84	SS05	MI	0.5 - 1.0	x	x
0684-SS06-M-0000	AOC 84	SS06	MI	0 - 0.5	x	x
0684-SB06-M-0001	AOC 84	SS06	MI	0.5 - 1.0	x	x
0684-SS07-M-0000	AOC 84	SS07	MI	0 - 0.5	x	x
0684-SB07-M-0001	AOC 84	SS07	MI	0.5 - 1.0	x	x
0684-SS08-M-0000	AOC 84	SS08	MI	0 - 0.5	x	x
0684-SB08-M-0001	AOC 84	SS08	MI	0.5 - 1.0	x	x
0684-EB01	AOC 84	AOC 84	Equipment Blank	N/A	x	x
				Total Normal Samples	16	16
				Total Duplicates	2	2
				Total Equipment Blanks (Rinsate water sample)	1	1
				Total MS/MSD Samples (lab counts each separately)	1	1
				Total Soil Samples	20	20
				Total Water Samples	1	1
				Total Analyses	21	21

AOC = Area of Concern
bgs = below ground surface
DUP = duplicate sample
MI = multi-incremental
MS/MSD = matrix spike/matrix spike duplicate
RCRA = Resource Conservation and Recovery Act

Photograph 18-1 AOC 84, facing southwest, Fort Wingate Depot Activity

Photograph 18-2 AOC 84, facing west, Fort Wingate Depot Activity

19.0 Project Management

19.1 Project Scheduling and Reporting Requirements

A summary of the expected schedule for conducting the RFI activities at Parcel 6 is presented below. ~~Figure 19-1 presents a more detailed graphical schedule through submittal of the Draft RFI Work Plan for USACE review.~~

RFI Field Activities	Start within 30 days of receipt of NMED approval of Work Plan. Field work will take approximately 2 months.
Data Analysis and Evaluation	Will be completed 30 days following completion of field activities and receipt of sample results.
Submittal of Draft RFI Report	Submitted 90 days following completion of field activities.
Submittal of RFI Report	Two weeks after receipt of USACE comments on Draft RFI report.
Submittal of Final RFI Report	60 days after receipt of comments on RFI report from tribes and NMED.

19.2 Quality Assurance Project Plan

A site-specific QAPP was prepared to describe the QA/QC procedures to be followed during the RFI Work Plan field activities. The QAPP is presented in Appendix C.

19.3 Health and Safety Plan

A site-specific Health and Safety Plan (HSP) will be prepared for the field investigation activities proposed in this RFI Work Plan for Parcel 6.

19.4 Investigation-Derived Waste Management Plan

A site-specific Investigation-Derived Waste Management Plan (IDWMP) and Decontamination Plan will be prepared for the field investigation activities proposed in this RFI Work Plan for Parcel 6. The IDWMP is included as ~~Appendix E~~Appendix D. The Decontamination Plan is discussed in Section 4.4.8.

19.5 Community Relations Plan

The Community Relations Plan (CRP) (TerranearPMC, 2006) will be adhered to during implementation of the RFI activities.

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