2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN REVISION 1

Fort Wingate Depot Activity
Northern Area: Parcels 6, 7, 10, 11, 12, 13, 19, 21, and 22
McKinley County, New Mexico

July 2025

Contract No. W912PP22D0014
Task Order No. W912PP23F0040

Prepared for:

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U.S. Army Corps of Engineers
Albuquerque District
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14. ABSTRACT
This work plan proposes the activities for periodic groundwater monitoring at Fort Wingate Depot Activity. This plan is a revision from the latest previously approved groundwater monitoring plan and addresses groundwater monitoring in the Northern Area of the installation. The primary data quality objective is to monitor existing groundwater-contaminant plumes. This plan presents field sampling methods, a revised monitoring schedule, laboratory analytical methods, and quality control procedures.

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FINAL APPROVAL LETTER PLACEHOLDER

Upon approval by the New Mexico Environment Department – Hazardous Waste Bureau of this 2025 Interim Northern Area Groundwater Monitoring Plan, Revision 1, a copy of the signed approval letter will be placed here.

DOCUMENT CERTIFICATION

2025 Interim Northern Area Groundwater Monitoring Plan
Revision 1
Fort Wingate Depot Activity, McKinley County, NM

40 CFR 270.11

July 2025

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information; the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
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Groundwater Monitoring Plan
Revision 1

Fort Wingate Depot Activity
Northern Area: Parcels 6, 7, 10, 11, 12, 13, 19, 21, and 22
McKinley County, New Mexico

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ABBREVIATIONS & ACRONYMS

BEC	=	BRAC Environmental Coordinator
BIA	=	Bureau of Indian Affairs
BIA-NRO	=	Bureau of Indian Affairs – Navajo Regional Office
BRAC	=	U.S. Army Base Realignment and Closure Division
EPA	=	U.S. Environmental Protection Agency
FWDA	=	Fort Wingate Depot Activity Base Realignment
HWB	=	Hazardous Waste Bureau
NM	=	New Mexico
NMED	=	New Mexico Environment Department
NN	=	Navajo Nation
NRO	=	Navajo Regional Office
OH	=	Ohio
PDT	=	Project Delivery Team
SW	=	Southwest Region Regional Office
USACE	=	U.S. Army Corps of Engineers

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LIST OF ABBREVIATIONS AND ACRONYMS

°	degree (measurement of an angle)
°F	degrees Fahrenheit
µg/L	microgram per liter
ADR	automated data review
amsl	above mean sea level
AOC	area of concern
Army	U.S. Department of the Army
BEC	BRAC Environmental Coordinator
bgs	below ground surface
BIA	Bureau of Indian Affairs
BRAC	Base Realignment and Closure Division
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR	Code of Federal Regulations
COC	chain of custody
COPC	contaminant of potential concern
COR	Contracting Officer's Representative
CSM	conceptual site model
DL	detection limit
DO	dissolved oxygen
DoD	U.S. Department of Defense
DOE	U.S. Department of Energy
DOI	U.S. Department of the Interior
DQE	data quality evaluation
DQO	data quality objective
DRO	diesel range organics
DTW	depth to water
Eco	Eco & Associates, Inc.
EDMS	Electronic Data Management System
ELAP	Environmental Laboratory Accreditation Program
EPA	U.S. Environmental Protection Agency
Eurofins	Eurofins Environment Testing
FTR	Functional Test Range
FWDA	Fort Wingate Depot Activity
GWMP	groundwater monitoring plan
gpm	gallons per minute
GRO	gasoline range organics
HWB	Hazardous Waste Bureau
HWMU	hazardous waste management unit
IDW	investigation-derived waste
LOD	limit of detection
LOQ	limit of quantitation
lpm	liters per minute
MCL	maximum contaminant level

mg/L	milligram per liter
mph	miles per hour
MS	matrix spike
MSD	matrix spike duplicate
NAD 83	North American Datum of 1983
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMED-HWB	NMED-Hazardous Waste Bureau
NM WQCC	New Mexico Water Quality Control Commission
OB/OD	open burn/open detonation
ORP	oxidation-reduction potential
Parsons	Parsons Government Services, Inc.
PAH	polycyclic aromatic hydrocarbon
PARCCS	precision, accuracy, representativeness, completeness, comparability, and sensitivity
Pb	lead
PCB	polychlorinated biphenyl
pH	scale used to measure the concentration of hydrogen atoms (acidity) of a sample
PMC	Program Management Company
PMR	groundwater periodic monitoring report
QA	quality assurance
QC	quality control
QSM	quality systems manual
RCRA	Resource Conservation and Recovery Act
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RFI	Resource Conservation and Recovery Act Facility Investigation
RSL	regional screening level
SSL	soil screening level
SVOC	semi-volatile organic compound
SWMU	solid waste management unit
TNT	2,4,6-trinitrotoluene
TOC	top of casing
TPH	total petroleum hydrocarbons
TPMC	TerranearPMC, LLC
USACE	U.S. Army Corps of Engineers
USGS	U.S. Geological Survey
UST	underground storage tank
VOC	volatile organic compound
ZIST	zone isolation sampling technology

EXECUTIVE SUMMARY

Fort Wingate Depot Activity (FWDA) historically occupied approximately 24 square miles (15,277 acres) of land in western New Mexico, in McKinley County. FWDA is located approximately 7 miles east of Gallup and 130 miles west of Albuquerque. The main entrance to FWDA is on U.S. Highway 66, west from Exit 33 off Interstate 40. FWDA includes 732 earth-covered igloos located throughout the installation, a Workshop Area, and various mission-support service structures located in the Administration Area.

Historical activities at FWDA that may have contributed to soil and groundwater contamination include munitions storage, maintenance, and disposal; the use and storage of petroleum fuels; and equipment maintenance (TerranearPMC, LLC [TPMC], 2008). As part of the planned property transfer to the U.S. Department of the Interior, FWDA has been divided into parcels, areas of concern (AOCs), and solid waste management units (SWMUs), as specified by the Resource Conservation and Recovery Act (RCRA) permit number NM 6213820974 originally issued in 2005 (New Mexico Environment Department [NMED], 2005) and revised in 2015 (NMED, 2015).

This Interim Northern Area Groundwater Monitoring Plan (GWMP) for FWDA describes the proposed groundwater monitoring at the Northern Area of FWDA which includes Parcels 6, 7, 10, 11, 12, 13, 19, 21, and 22. This document has been prepared for submission to the NMED Hazardous Waste Bureau (HWB), as required by the RCRA permit.

The objectives of performing interim groundwater monitoring at FWDA are as follows:

- Monitor groundwater flow and field water-quality parameters that affect contaminant fate and transport.
- Monitor groundwater for the presence of contaminants of potential concern (COPCs) from known contaminant releases.
- Monitor the migration and changes to known groundwater-contaminant plumes.

Groundwater monitoring is designed to evaluate each COPC from the point of release to the existing groundwater-contaminant plume boundary based on known or suspected releases to groundwater. Depth to groundwater has historically been measured quarterly, and groundwater samples have been collected on a semiannual monitoring frequency based on the current regulatory-approved monitoring plan. Based on the stability of groundwater elevations in each well, and the general stability of groundwater gradients throughout the Northern Area, it is proposed to measure groundwater elevations in wells on a semiannual basis each time groundwater is sampled.

Low-flow purging and sampling is the preferred sampling method at FWDA. In addition, borehole purging is proposed at wells with poor recovery as is consistent with previously approved monitoring plans.

Groundwater samples will be analyzed for one (1) or more of the following COPCs:

- Explosives by U.S. Environmental Protection Agency (EPA) Method 8330B/8332

- Herbicides by EPA Method 8151A
- Major anions by EPA Method 9056A
- Perchlorate by EPA Method 6850
- Total and dissolved metals including mercury by EPA Method 6020A/7470A
- Polychlorinated biphenyls (PCBs) by EPA Method 8082A
- Pesticides by EPA Method 8081B
- Volatile organic compounds (VOCs) by EPA Method 8260C
- Semi-volatile organic compounds (SVOCs) by EPA Method 8270D
- Total petroleum hydrocarbons (TPH) as gasoline range and diesel range organics (GRO and DRO) by EPA Method 8015D

The known and suspected points of release to groundwater are as follows:

- Leaching Beds (Solid Waste Management Unit [SWMU] 1, Parcel 21) had releases of 2,4,6-trinitrotoluene (TNT) due to historical munitions activities.
- Building 528 Complex (SWMU 27, Parcel 22) had releases of nitrate, explosives, metals, and perchlorate due to historical munitions activities and propellant use.
- Building 6 Gas Station (SWMU 45, Parcel 11) had releases of GRO, DRO, VOCs, SVOCs, and lead due to fueling and mechanical operations.
- Building 45 (SWMU 50, Parcel 11) had releases of GRO, DRO, VOCs, and lead due to historical leaks from former underground storage tank (UST) 7.

Groundwater elevations and groundwater sampling will be conducted on a semiannual basis. Under this Interim GWMP, groundwater elevations will be measured in 102 monitoring wells and 10 piezometers in April and October, and groundwater sampling events will be conducted in April and October for the 102 monitoring wells. Semiannual groundwater elevation measurements and groundwater sampling will be performed from the designated monitoring wells to track plume migration and general range in COPC concentrations.

Results of each semiannual monitoring event will be submitted in a semiannual report prepared in accordance with NMED *General Reporting Guidelines Position Paper* (NMED, 2020). The Interim Measures Groundwater Periodic Monitoring Report (PMR) will include tabulated field and laboratory analytical data. Analytical data will be screened against the FWDA screening levels established in the RCRA permit and EPA regional screening levels (RSLs) for chemicals where screening levels are not established. A discussion of the results, any sampling deviations, and proposed recommendations for future monitoring will be included in the PMR.

1.0 INTRODUCTION

This Interim Northern Area Groundwater Monitoring Plan (GWMP) provides guidance for the groundwater monitoring activities to be conducted during calendar year 2025 at Fort Wingate Depot Activity (FWDA) in McKinley County, New Mexico. This GWMP has been prepared in accordance with the performance work statement under contract number W912PP22D0014.

This Interim GWMP was prepared in accordance with the Resource Conservation and Recovery Act (RCRA) permit NM 6213820974, first issued in December 2005 (New Mexico Environment Department [NMED], 2005) and revised in February 2015 (NMED, 2015). This Interim GWMP is a revision to the 2024 Interim Northern Area Groundwater Monitoring Plan, Revision 1, dated April 30, 2024 (Eco, 2024a). This Interim GWMP provides guidance for the groundwater monitoring activities to be conducted in the Northern Area of the installation which includes Parcels 6, 7, 10, 11, 12, 13, 19, 21, and 22. The open burn/open detonation (OB/OD) areas in the southern portion of the installation within Parcel 3 are not included in this Interim Northern Area GWMP.

1.1 PROJECT ORGANIZATION AND MANAGEMENT

Groundwater monitoring at FWDA is managed by the U.S. Army Corps of Engineers (USACE) for the U.S. Department of the Army (Army), Base Realignment and Closure (BRAC) Division. Partners for the groundwater monitoring are as follows:

- Army, BRAC Division
- NMED-Hazardous Waste Bureau (NMED-HWB)
- Navajo Nation
- Zuni Tribe

USACE manages the remediation program at FWDA and contracts periodic groundwater monitoring with coordination and review by partners on behalf of the Army. Parsons Government Services, Inc. (Parsons) is the USACE contractor responsible for planning and implementing the 2025 GWMP. Project plans and reports are submitted to partners and stakeholders for review. NMED-HWB is the regulating authority for FWDA and has final approval of primary project documents.

1.2 REGULATORY BACKGROUND

Environmental remediation activities at FWDA began in 1989 under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 guidelines as part of the Installation Restoration Program.

In 2002, NMED determined that the remediation pathway would be solely through a RCRA permit for post-closure care of the current OB/OD area with a RCRA corrective action module attached to address requirements for other solid waste management units (SWMUs) and areas of concern (AOCs). The RCRA permit became effective December 1, 2005 (NMED, 2005). Since the original permit issuance, the RCRA permit has been revised through NMED-issued modifications in 2011,

2014, and 2015. NMED-HWB identified one (1) hazardous waste management unit (HWMU) within the current OB/OD area (Parcel 3) and a total of 93 SWMUs and AOCs in the RCRA permit. Environmental activities at FWDA are being conducted in accordance with the requirements of the 2015 revision of the RCRA permit, which includes the original permit and all subsequent modifications (NMED, 2015). The Army developed this groundwater monitoring plan as required by Section V.A (Interim Plan) of the RCRA permit. Groundwater monitoring, sampling, and reporting activities are conducted in compliance with the RCRA permit, applicable RCRA permit attachments, and the most recently approved version of the GWMP. NMED approved the initial GWMP in March 2008, with subsequent annual revisions to the plan. The latest NMED-approved Interim GWMP is the Final 2024 Interim Northern Area Groundwater Monitoring Plan, Revision 1 (Eco, 2024a).

Attachment 7 of the RCRA permit (NMED, 2015) provides a hierarchy for the selection of screening level criteria applicable to the FWDA. Groundwater analytical results are evaluated and compared to the Project Screening Value Flow Chart (Figure 1-1). The following documents and regulations are used to determine whether the concentration of a particular chemical constituent exceeds the RCRA permit screening level (NMED, 2015), as summarized below:

1. New Mexico Water Quality Control Commission (NM WQCC) standards for the analytes listed in the New Mexico Administrative Code (NMAC) 20.6.2.7.VV, having the values listed in NMAC 20.6.2.4103.A and B.
2. U.S. Environmental Protection Agency (EPA) drinking water maximum contaminant levels (MCLs) provided under 40 Code of Federal Regulations (CFR) 141 and 40 CFR 143.
3. If both a NM WQCC standard and an EPA MCL have been established for a contaminant of potential concern (COPC), the lowest value of 1.0 and 2.0 above will be selected.
4. If no NM WQCC standard or EPA MCL has been established for a carcinogenic hazardous constituent, values will be selected from the most recent version of the EPA regional screening levels (RSLs) for tap water, adjusted to a target excess cancer risk level of 1×10^{-5}.
5. If no NM WQCC standard or EPA MCL has been established for a non-carcinogenic hazardous constituent, values will be selected from the most recent version of the EPA RSLs for tap water with a target hazard index of 1.0.
6. No current NM WQCC standard is published for perchlorate. An EPA RSL standard of 14 micrograms per liter (µg/L) was published in November 2022, so this standard will be followed in accordance with Attachment 7 of the RCRA permit for FWDA (NMED, 2015).
7. Although not in the RCRA permit, NMED has set a screening level of 16.7 µg/L for total petroleum hydrocarbons (TPH) as diesel range organics (DRO) and a screening level of 10.1 µg/L for TPH as gasoline range organics (GRO) in *Risk Assessment Guidance for Investigations and Remediation Volume 1* (NMED, 2022).

For some analytes, screening values are selected for a compound with RSLs listed for both carcinogenic risks and non-carcinogenic hazards. In accordance with the RCRA permit, the RSLs for carcinogens are adjusted to a cancer risk of $1x10^{-5}$ and the lower of the adjusted carcinogenic and the non-carcinogenic RSLs will be selected.

Reporting requirements in this GWMP are in accordance with the RCRA permit and consistent with the NMED *General Reporting Guidelines Position Paper* (NMED, 2020).

1.3 PURPOSE

The objectives of performing interim groundwater monitoring at FWDA are as follows:

- Monitor groundwater flow and field water-quality parameters that affect contaminant fate and transport.
- Monitor groundwater for the presence of COPCs from known contaminant releases.
- Monitor the migration and changes to known groundwater-contaminant plumes.

1.4 DATA QUALITY OBJECTIVES

Data quality objectives (DQOs) are qualitative and quantitative statements that clarify the project objectives, specify the most appropriate types of data for project decisions, determine appropriate conditions from which to collect data, and specify tolerable limits on decision errors. DQOs are developed to satisfy specific project objectives in accordance with applicable USACE specifications and NMED and EPA guidance. The DQOs are based on the end uses of data determined through a seven-step process as described in *Guidance on Systematic Planning Using the Data Quality Objectives Process, EPA QA/G-4* (EPA, 2006).

The DQOs defined for this GWMP along with the conceptual site model (CSM) information are used to determine the decision logic and provide an effective sampling design. The DQOs assist in identifying the required type, quality, and quantity of data needed for interim groundwater monitoring to meet regulatory requirements. The project DQOs are defined according to the logic presented sequentially in the sections below.

Step 1 – State the Problem

Groundwater contaminants need to be monitored in accordance with Section V.A of the RCRA permit.

Step 2 – Identify the Goals of the Study

Project data will be used to monitor the nature and extent of COPCs in groundwater and evaluate temporal trends.

The questions the project is intended to answer are the following:

- Are site-related COPCs present in FWDA groundwater at concentrations exceeding screening levels?

- What is the lateral and vertical extent of site-related COPCs, at concentrations exceeding screening levels in FWDA groundwater?
- How are contaminants in the groundwater migrating?
- How are COPC concentrations in groundwater changing over time?

Step 3 – Identify Information Inputs

Inputs considered during development of this GWMP include the following:

- The RCRA facility investigations (RFIs) for each FWDA parcel are used to determine the points of contaminant release or suspected points of contaminant release to groundwater.
- Lithologic information from previous boreholes and water elevations from existing groundwater monitoring wells provide data on hydrogeologic structural controls and groundwater flow.
- Historical analytical data from the previous investigations provide information on site conditions.
- Laboratory analytical results, field parameters, and groundwater elevations from ongoing interim monitoring are used to determine current site and groundwater-contaminant conditions.
- Project screening levels are used to evaluate groundwater analytical data.

This information is used to determine the decision rules in Step 5.

Step 4 – Define Boundaries of the Study

Spatial: The FWDA boundary (Figure 1-2) is the study boundary for facility-wide monitoring. The current well network will be used to monitor groundwater contamination under the interim monitoring. This GWMP covers the Northern Area of FWDA. Final characterization as defined by RFIs for each parcel will be used to determine whether the monitoring network is sufficient to assess the extent of groundwater contamination.

Temporal: The temporal boundaries of the investigation are long-term monitoring of groundwater contamination and groundwater flow patterns observable over 6-month intervals. Based on previous groundwater monitoring data from 2008 to the present, the groundwater elevations are relatively stable and are not subject to wide seasonal fluctuations. Potential temporal contaminant-concentration trends will be assessed by semiannual groundwater sample collection and measurement of groundwater elevations.

Step 5 – Develop the Analytical Approach

This step integrates the output from previous steps of the DQO process to design the 2025 interim measures groundwater monitoring plan. Groundwater laboratory analytical results will be compared to the FWDA screening levels to monitor the extent and migration of COPCs.

Monitoring results will be submitted in Periodic Groundwater Monitoring Reports (PMRs). Corrective actions may be proposed if groundwater-contaminant plumes migrate outside of the FWDA boundaries.

Step 6 – Specify Limits on Decision Errors

Analytical data quality will be compared to Quality Systems Manual (QSM) for Environmental Laboratories, Version 6.0 (QSM; U.S. Department of Defense [DoD]/U.S. Department of Energy [DOE], 2023) specifications for precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS). The analytical methods will provide the lowest available analytical reporting limits using standard USACE approved methods that allow the data to be screened against the FWDA screening levels.

Site visits, refining the CSM, and evaluating current and historical analytical data will minimize erroneous conclusions and maintain estimates within acceptable levels. Field measurements will be compared to quality criteria established by field standard operating procedures and by evaluation against previous measurements for representativeness.

Step 7 – Develop the Sampling Plan for Obtaining the Data

Groundwater monitoring will evaluate each groundwater contaminant from the point of release to the existing groundwater plume boundary along the property boundary. Each impacted groundwater zone (Northern Area alluvial and Northern Area bedrock) will be assessed for the presence of COPCs. The groundwater elevation data will be used to evaluate potential downgradient migration of contaminants in groundwater. Historical analytical data will be used when designating monitoring wells for release areas.

Background wells are outside the influence of the release/plume. Some monitoring points will be monitored for multiple COPCs when they are designated for multiple points of release, or when a single point of release is associated with multiple COPCs. Section 5 details point of release assessments for COPCs.

Groundwater monitoring will continue semiannually to be consistent with the monitoring frequency performed since 2008, and with previously approved GWMPs. Groundwater elevations will be measured semiannually to maintain a similar consistency. This will provide consistency of the data when being compared and evaluated with historical data.

The most recently published versions of the NMED-requested analytical methods with FWDA project-specific reporting limits will be used to provide quantitative analytical data to meet the FWDA RCRA permit requirements. Laboratories performing sample analyses will follow the current version of the QSM (DoD/DOE, 2023) and the relevant test method for each analysis. All laboratory analysis will be performed by independent analytical laboratories with DoD Environmental Laboratory Accreditation Program (ELAP) accreditation. In addition to DoD ELAP accreditation, the laboratory must hold the current accreditation for all appropriate fields of testing in New Mexico, which is accomplished by the laboratory holding a current national ELAP accreditation for appropriate fields of testing. The independent analytical laboratory must have

documentation of current accreditation/certification prior to sample acceptance. The analytical results will be validated in accordance with the current version of the QSM and the DoD Data Validation Guidelines.

Optimization of Sampling Plan

Recommendations for optimization will be made through adjustments in sampling design. Recommendations may include:

- Installation or abandonment of monitoring locations
- Changes to field sampling or analytical methods
- Changes to monitoring frequency and location
- Changes to analytical method analyte lists

1.5 DOCUMENT ORGANIZATION

This Interim Northern Area GWMP is organized as follows:

Section 2 — presents the available site history and general description of FWDA and summarizes previous groundwater investigations.

Section 3 — presents the CSM with information about current site conditions and environmental setting of FWDA.

Section 4 — describes the methods and procedures for groundwater gauging, groundwater sample collection, decontamination, quality assurance (QA), and investigation-derived waste (IDW) characterization and disposal.

Section 5 — presents the groundwater monitoring plan, and discusses data validation, data management, and reporting.

Section 6 — provides the projected monitoring schedule.

Section 7 — presents sampling changes from the previous Interim Northern Area GWMP.

Section 8 — presents a list of the works cited in this Interim Northern Area GWMP.

2.0 SITE HISTORY AND BACKGROUND

2.1 GENERAL FACILITY DESCRIPTION

FWDA historically occupied approximately 24 square miles (15,277 acres) of land in western New Mexico in McKinley County. FWDA is located approximately 7 miles east of Gallup and about 130 miles west of Albuquerque (Figure 1-2). The main entrance to FWDA is on U.S. Highway 66, west from Exit 33 off Interstate 40. FWDA is surrounded by tribal and federally-owned lands, including national forests, Zuni tribal lands, and Navajo tribal lands. North and west of FWDA are Navajo trust and Native American lands, to the east are lands administered by the Bureau of Indian Affairs (BIA), and to the south and southeast is the undeveloped Cibola National Forest.

Originally founded in 1860 as a cavalry post, the Army established Fort Wingate as a munitions storage depot in 1918. FWDA has had several missions from 1918 until 1993, including ordnance storage, testing, and demilitarization, as well as missile defense testing. The installation was closed in 1993 under the Defense Authorization Amendments and BRAC Act of 1988. In 2002, the Army reassigned many functions at FWDA to the BRAC Division, including property disposal, caretaker duties, managing caretaker staff, and performing environmental remediation and compliance activities.

Approximately half of FWDA is currently used by the Missile Defense Agency for operations related to missile testing. Missile testing activities occur in northeastern and central portions of FWDA, in Parcel 16 and Parcel 19. The remaining FWDA operations are focused on assessing and remediating contamination before property transfer/reuse.

Historical activities at FWDA that may have contributed to soil and groundwater contamination include munitions storage, maintenance, and disposal; the use and storage of petroleum fuels; and equipment maintenance (TPMC, 2008). Efforts to remediate affected areas have concentrated on removing exploded and unexploded ordnance, in addition to characterizing soil across the installation and conducting semiannual groundwater monitoring. As part of the planned property transfer to the U.S. Department of the Interior (DOI), the installation has been divided into reuse parcels (Figure 2-1) with each site being addressed on a parcel-by-parcel basis, as specified by the RCRA permit (NMED, 2015). Currently, Parcel 1, Parcel 4B, Parcel 5A, Parcel 5B, Parcel 8, Parcel 10A, Parcel 10B, Parcel 12, Parcel 14, Parcel 15, Parcel 17, Parcel 18, and Parcel 25 have been transferred to the DOI; these parcels are located near the boundaries of FWDA.

Facilities at FWDA include 732 earth-covered igloos located throughout the installation, two (2) former OB/OD areas (closed OB/OD area and current OB/OD area), a Workshop Area, and various mission-support service structures located in the Administration Area. The installation can be divided into several areas based upon location and historical land use. Figure 2-2 shows the locations of various buildings and SWMUs and AOCs throughout the Northern Area of the installation. Major land use areas include the following:

The Administration Area is located in the northern portion of FWDA. This area consists of former office facilities, housing, equipment maintenance facilities, warehouse buildings, and

utility support facilities. Munitions storage and shipping, fuel storage and dispensary, and mechanical maintenance activities were performed in this area.

The Workshop Area is located south of the Administration Area. It is a former industrial area that contained ammunition maintenance and renovation facilities, the TNT washout facility, and the TNT Leaching Beds Area (SWMU 1). The buildings and other structures were demolished in 2010.

The Magazine (Igloo) Area is located in the central portion of FWDA. This area includes 10 igloo blocks (Igloo A through Igloo H, Igloo J, and Igloo K) that contain 732 earth-covered igloos and 241 earthen revetments previously used for munitions storage.

The OB/OD Area is located in the southwest and western portions of FWDA and separated into two (2) sub-areas based on period of operation.

The closed OB/OD area includes inactive OB/OD SWMUs that were used to treat military munitions and explosives-contaminated waste from 1948 to 1955. The closed OB/OD area includes the Old Burning Ground and Demolition Landfill Area and the Old Demolition Area (Program Management Company [PMC], 1999).

The current OB/OD area consists of an inactive OB/OD HWMU where burning and detonation operations were performed after 1955 until FWDA closure in 1993 (PMC, 1999). The current OB/OD area contains the active OB/OD corrective action management unit identified in the recent RCRA permit updates.

Protection and Buffer Areas are located adjacent to the eastern, northern, and western boundaries of the installation. These areas consist of buffer zones surrounding the former magazine and demolition areas.

2.2 PREVIOUS INVESTIGATIONS

From 1980 through issuance of the RCRA permit in December 2005 (and revised February 2015), various environmental investigations were conducted by the Army and other parties (including EPA and DOI) under CERCLA and RCRA guidance (BRAC, 2010). These investigations have been conducted with multiple phases to characterize groundwater over time. FWDA well locations are presented on Figure 2-3, and site wells associated with the Northern Area are presented on Figure 2-4.

Groundwater investigation and characterization efforts have primarily focused on five (5) areas:

1. TNT Leaching Beds Area (SWMU 1 located in Parcel 21)
2. Administration Area (multiple SWMUs and AOCs located in Parcel 6, Parcel 7, Parcel 11, and Parcel 21)
3. Eastern Landfill (SWMU 13 located in Parcel 18)
4. Building 542 and Building 600 (SWMU 11 and SWMU 4 located in Parcel 6)
5. OB/OD area (located in Parcel 3)

Well construction information for the Northern Area wells is included in Table 2-1. A summary of historical detections from 1992 through October 2023 are included as Appendix B on disk, and laboratory data for groundwater analytical results from April 2022 through October 2023 are included as tables in Appendix B.

2.3 SEMIANNUAL RCRA GROUNDWATER MONITORING REPORTS AND UPDATED GROUNDWATER MONITORING PLANS – ONGOING

Since 2008, groundwater sampling has been conducted semiannually (April and October), and each event documented in semiannual PMRs. The Interim GWMP is updated annually, per RCRA Permit Section V.A.4 and per NMED letter dated October 22, 2018 (NMED, 2018).

A database of the groundwater analytical results generated from the monitoring for 1992 through the latest sampling event is provided on disk. Appendix B contains a summary of laboratory data from April 2022 through October 2023. The conceptual site model in the following section provides a description of COPCs in alluvial and bedrock groundwater.

3.0 CONCEPTUAL SITE MODEL

This section summarizes the site conditions at FWDA, including historical land use, natural and man-made features, ecological setting, fate and transport information, and detailed surface and subsurface characterization. Site conditions are summarized from site-specific documents including RFI work plans, RFI reports, release assessment reports prepared for the individual parcels as specified in the RCRA permit, periodic groundwater monitoring reports, and groundwater monitoring plans.

3.1 CLIMATE

Northwestern New Mexico is characterized as a semiarid, continental climate with most precipitation occurring from June through September as localized, heavy, and brief monsoon storms. The climate for the FWDA area varies with elevation but is generally mild during the summer with high temperatures ranging between 65 degrees Fahrenheit (°F) and 85 °F, and cold during the winter with average daily high temperatures ranging between 45 °F and 55 °F. The warmest month is July, with an average maximum temperature of 88 °F, while the coldest month is December, with an average minimum temperature of 13 °F (U.S. Climate Data, 2024).

The wettest month is August, with an average rainfall of approximately 2 inches. Accumulated snow at higher elevations produces a slow release of snowmelt in the spring, which provides higher infiltration compared to the intense monsoon thunderstorms (Anderson et al., 2003).

3.2 SURFACE CONDITIONS

3.2.1 TOPOGRAPHY

FWDA can be divided into three (3) topographic areas: 1) the rugged north-south trending Nutria Monocline (commonly referred to as the Hogback) along the western and the southwestern boundaries, 2) the hill slopes of the Zuni Mountain Range in the southern portion, and 3) the alluvial plains marked by bedrock mesas in the northern portion. The elevation of FWDA ranges from approximately 8,200-feet above mean sea level (amsl) in the south to 6,660-feet amsl in the north (Anderson et al., 2003).

3.2.2 VEGETATION

Ground cover ranges from exposed bedrock and lithic soils to montane forest. Forest is present at higher elevations where more precipitation occurs. Mixed ponderosa pine and fir forest are present at elevations above 7,500-feet amsl. Piñon and juniper vegetation is present at elevations from 6,800 feet to 7,500 feet. Shrubs and grasses are present at elevations below 6,800 feet. Some areas with steep slopes and rocky ground lack vegetation.

3.2.3 SOIL

FWDA soil types range from a mixture of sand, silt, and clay. Alluvium is most commonly found in arroyos and consists of permeable sand and sandy loam clay mixtures that contain varying

amounts of silt, gravel, rock fragments, and low-permeability sandy clay. Soil types at FWDA are primarily alluvial materials except for the Hogback along the western border and the northern hill slopes of the Zuni Mountain Range in the southern portion. The alluvial materials do not typically have distinct soil horizons because they are relatively shallow and undeveloped. Organic soils have developed in some streambank deposits along major arroyos. The parent bedrock is either at or near the surface within more than a quarter of the installation (Anderson et al., 2003).

High winds and water cause extensive soil erosion, especially where vegetation cover is absent. The more permeable, sandy soil (typically found in arroyos) accounts for the majority of local surface water infiltration. The thickness of the soil varies across FWDA. In the OB/OD area and at the eastern and southern perimeter of the Northern Area, the soil thickness is a thin veneer with parent bedrock at or near the surface. In most of the Northern Area, flat alluvial plains are dominant with thick soil overlying deeper, steeply dipping bedrock. In the Administration Area, alluvium can be up to 70-feet thick and is even thicker near the Rio Puerco.

3.3 GEOLOGY

3.3.1 REGIONAL GEOLOGY TECTONIC SETTING AND SITE-SPECIFIC STRUCTURE

FWDA is in an erosional basin within the Navajo section of the Colorado Plateau Physiographic Province and lies on the northwest apex of the Zuni Uplift. This basin is regionally bounded by the Gallup sag to the west, the Acoma sag and McCarty's syncline to the east, and the Chaco Slope to the north. The Zuni Uplift is an elongated north–northwest trending structural uplift that is primarily a result of vertical upward displacement followed by deformation resulting from horizontal compressive stress associated with the Laramide orogeny of Cretaceous age. The uplift has exposed tilted Mesozoic sedimentary strata within the southwestern portion of the installation, a majority of which are Triassic mudstones and sandstones.

The dominant topographic structural feature located on the southwest margin of the Zuni Uplift is the Nutria Monocline or Hogback. This steep structural feature is a monoclinal belt with dips ranging from 30 degrees (°) to 45° near FWDA. Dips commonly exceed 60° in the southern extension of the monocline, south of FWDA. The northern segment of the Nutria Monocline is exposed in the western portion of FWDA, where westerly dipping Mesozoic strata are exposed to form a long, sharp-crested, north-south trending ridge. In areas east of the Hogback, the bedrock generally dips to the northwest.

3.3.2 STRATIGRAPHY

The geologic units exposed at FWDA were largely deposited in the Mesozoic Era and have been significantly modified by more recent erosion and redeposition. The lithified stratigraphic units are Triassic to Cretaceous in age with uplift and deformation occurring in the Cretaceous during the Laramide orogeny series of mountain-building events in western North America (McCraw et al., 2009). Quaternary alluvial and colluvial deposits unconformably overlie the Mesozoic bedrock in the lower elevation and northern portions of FWDA (Anderson et al., 2003).

In the northern portion of FWDA, the surface is covered by remnants of either the Triassic Chinle Group or Quaternary alluvial deposits. Alluvial deposits are present in the northern lowland areas between bedrock remnants. Alluvial deposits are also present along intermittent streams draining the Hogback and Zuni Mountains, which flow downgradient through the northern portion of FWDA before joining the South Fork of the Rio Puerco. Alluvium deposits range in grain size from clay to gravel, typical of braided stream deposits with texture and internal structure characterized by lateral and vertical heterogeneity (Malcolm Pirnie, Inc., 2000). Data from installed wells indicate alluvial deposits are thickest near major drainages such as the South Fork of the Rio Puerco where alluvial deposits can be up to 150-feet thick. Just east of FWDA, alluvial deposits are approximately 75-feet thick, and in the Administration Area deposit thickness varies from 30 feet to 70 feet.

The majority of FWDA is underlain by the Triassic-age Chinle Group composed of non-marine, red-bed siliciclastics. The Chinle Group consists of Shinarump, Bluewater Creek, Petrified Forest, and Owl Rock Formations (Anderson et al., 2003). The Petrified Forest Formation underlies much of the installation and is subdivided into three (3) members: 1) Blue Mesa, 2) Sonsela, and 3) Painted Desert. All three (3) members of the Petrified Forest Formation crop out in various locations across the installation. The Blue Mesa, Sonsela, and Painted Desert lithologies are green-gray smectitic mudstone, light gray to yellowish-brown cross-bedded sandstone, and reddish-brown and grayish-red smectitic mudstone (McCraw et al., 2009). In the eastern portion of FWDA, the older Bluewater Creek and Shinarump Formations crop out intermittently between layers of Quaternary alluvium (McCraw et al., 2009).

The Chinle Group is underlain by the older Permian age: San Andres Limestone and Glorieta Sandstone. The San Andres Limestone consists of fossiliferous limestone that intertongues with the Glorieta Sandstone (Anderson et al., 2003). These two (2) formations comprise the San Andres-Glorieta aquifer, which is the principal source of drinking water in the area (Malcolm Pirnie, Inc., 2000; Cooper and John, 1968).

3.4 SURFACE WATER

3.4.1 REGIONAL SURFACE WATER

Streams in the area are ephemeral and fed by rain and snowmelt from the Zuni Mountains and the Nutria Monocline. All drainages in the FWDA area are intermittent with flow only occurring during and after heavy rainfall events (summer) or snowmelt (spring). These streams transport sediment to low-lying areas in the northern portion of FWDA, creating thick and extensive alluvial deposits among remnants of Triassic strata of the Petrified Forest Formation. Main drainages at FWDA generally follow the dominant topography by flowing from south to north and discharging into the South Fork of the Rio Puerco in the northern portion of the installation. Surface drainage is relatively shallow near headwaters due to the nature of brief and heavy precipitation. Downward erosion intensifies as water moves downstream, resulting in a well-developed, steep-walled system of arroyos in the Quaternary alluvium.

3.4.2 SITE-SPECIFIC SURFACE WATER

The various drainage system surface water pathways (arroyos) throughout the installation are shown on Figure 2-3.

The three (3) major drainage systems at FWDA can be identified as: 1) eastern drainage system in Parcels 5 through 12 and Parcels 21 through 23; 2) western drainage system in Parcels 14 through 20; and 3) southwestern corner drainage system in Parcels 2 and 3. These drainage systems are divided by either bedrock ridges or bedrock remnants. In the northwest portion of the installation, two (2) artificial channels are present that were constructed during the 1940s to divert water away from Igloo Block A, Igloo Block B, and the Administration Area (DOE, 1990).

The eastern drainage system consists of washes that run in northwestern and northeastern directions off the slopes of the Zuni Mountains. Alluvial fans form in basins at the front of the slope as well as between bedrock remnants. In the northeast section of the installation, the drainage flows around bedrock remnants before joining the South Fork of the Rio Puerco.

The western drainage system (except for the southwest corner) consists primarily of two (2) main drainages covering the western portion of FWDA. Tributaries of the western drainage system pass the demolition area, cross the Hogback, and deposit alluvium along the bedrock remnants (Herndon Solutions Group, 2011). The southwestern corner drainage system flows southwest and joins the Bread Springs Wash on the western side of the Hogback.

3.4.3 HYDROGEOLOGY

Groundwater is present in several rock units underlying FWDA. The Quaternary Quatowam alluvium and the Permian San Andres limestone and Glorieta sandstone are the predominant formations at FWDA capable of yielding more than a few gallons per minute (gpm) of groundwater. The Triassic-age members of the Chinle Group: The Painted Desert mudstone/claystone, the Shinarump conglomerate, and the Sonsela sandstone underlying the shallow alluvial aquifer produce minor amounts of groundwater.

The regional groundwater aquifer near FWDA is present in the Permian San Andres limestone and Glorieta sandstone formations (Cooper and John, 1968; Summers, 1972). The San Andres-Glorieta aquifer was utilized as the drinking water source for FWDA prior to the closure of the installation in 1993. Well 69 was screened in the San Andres-Glorieta aquifer and produced groundwater until it was abandoned in October 2023 (Dawson, 2024). The top of the San Andres-Glorieta aquifer is approximately 1,100-feet bgs near the Administration Area. The San Andres-Glorieta aquifer is about 200-feet thick and under artesian pressure. Hydraulic conductivity values range from 0.05-foot per day to 150-feet per day from one (1) location to another (Herndon Solutions Group, 2011). Groundwater flow in the San Andres-Glorieta aquifer is northward beneath FWDA and is separated from the shallow groundwater units by shales and claystones across much of FWDA (Anderson et al., 2003).

Shallow groundwater is present in the unconsolidated alluvium and the Mesozoic-age bedrock overlying the San Andres limestone and Glorieta sandstone formations. The Quaternary alluvial

aquifer, which includes deposits in the Rio Puerco Valley along the northern edge of the installation is composed of gravel, sand, silt, and clay derived from Triassic- and Jurassic-age strata that border the valley. Along the northern border of the installation, hydraulic communication exists between groundwater and the Rio Puerco during periods of active stream flow. Groundwater flow in the alluvium occurs primarily in discontinuous, stream-deposited sand, and gravel units. Water yields from the bedrock units: Shinarump and Sonsela members, generally yield 5 to 50 gpm, and water quality is considered fair to poor.

The depth to water (DTW) at FWDA is generally between 10- and 100-feet bgs. Groundwater is present at shallow depths in the alluvium along drainages, including the Rio Puerco. DTW ranged from 13.81-feet bgs (in well MW23) to 65.54-feet bgs (in well TMW15) in the Northern Area alluvial aquifer monitoring wells during September 2023 (Table 3-1). Groundwater in the Northern Area bedrock aquifer monitoring wells has a DTW range from 15.92-feet bgs (in well BGMW07) to 66.33-feet bgs (in well TMW14A) in all but one (1) well (BGMW08) during September 2023 (Eco, 2024b).

Minimal precipitation infiltrates through unsaturated soil to recharge FWDA groundwater. The regional aquifer and shallow groundwater units are primarily recharged through precipitation and snowmelt-runoff infiltration through exposed bedrock uplands and faults south of FWDA. The Quaternary alluvial aquifer is primarily recharged from surface runoff, although some deposits in the southern part of the installation are recharged by springs from underlying bedrock aquifers. Recharge of groundwater within the alluvium occurs mainly during the wet seasons, specifically with the spring snowmelt.

Hydraulic properties differ between the unconsolidated alluvium and bedrock groundwater-bearing units. The Northern Area alluvial and bedrock groundwater-elevation contours from the September 2023 quarterly water-level measurements event are shown on Figures 3-1 and 3-2. Flow directions are interpreted based on groundwater contours and surface topography for infiltration pathways.

Water-quality parameter readings collected at FWDA during interim-measure monitoring provide information on general groundwater conditions. Groundwater conditions depend on the formation and distance from a recharge source. Typically, groundwater adjacent to recharge sources, such as exposed bedrock uplands or surface-water drainage systems, have water with lower salinity and a higher dissolved oxygen (DO) content, indicating variable groundwater conditions. DO and redox potential values indicate a mixture of reducing and aerobic conditions. Reducing conditions indicate DO is less than 1.0 milligram per liter (mg/L) and are attributed to natural conditions present in formations with high organic-matter content, such as clays and shales and persistent in bedrock units and in some alluvial units.

3.4.4 NORTHERN AREA ALLUVIAL GROUNDWATER SYSTEM

Groundwater flow direction in the alluvium moves from a potentiometric high in the east, north, and south toward a potentiometric low, west of the Administration Area (Figure 3-1). From the Administration Area, the groundwater flow direction is generally to the west.

A small groundwater mound was historically present in the Administration Area near monitoring wells MW01, MW02, and MW03. This feature was previously attributed to a leaking water storage cistern (USGS, 2011a) or leakage from artesian Well 69 which was installed to replace Well 68. Wells 68 and 69 were abandoned in September and October of 2023 (Dawson, 2024), and the mound is no longer evident.

There is a widespread aquitard between the alluvial and bedrock groundwater units across much of the Northern Area. Lithologic information from previous investigations shows a mudstone (approximately 20- to 60-feet thick) between the saturated alluvial groundwater zone and the permeable bedrock groundwater units. This information indicates that communication between the alluvial and bedrock groundwater systems is limited to the upland recharge areas present in the southern portions of the Workshop Area and potentially east and south of the Northern Area monitoring well network.

3.4.5 NORTHERN AREA BEDROCK GROUNDWATER SYSTEM

Although groundwater flow direction has not been fully characterized in the bedrock aquifer beneath the Workshop Area, groundwater flow in the shallow bedrock is generally to the north and west in the Workshop Area (Figure 3-2). The general flow pattern in the bedrock aquifer is to the west according to data from the existing well network, but areas of preferential flow via small-scale faulting and sand lenses may exist as exhibited by perchlorate and other contaminant migration pathway data.

Two (2) or three (3) water-bearing sandstone units within the Painted Desert Member of the Petrified Forest Formation are likely to exist below the Workshop Area. The upper sandstone unit, designated as Bedrock Aquifer 2 (BR2), is evaluated by monitoring well TMW40D. The remaining bedrock monitoring wells are completed in the lower sandstone unit which is separated from the upper unit by a thick sequence of shale. A third water-bearing sandstone unit is assumed to exist since groundwater from well BGMW08 was measured at 100-feet lower than those of other bedrock wells. Groundwater elevation data shows that well BGMW08 is still recharging in the six months between purging events, indicating that the groundwater elevation reported for well BGMW08 has not reached equilibrium. The equilibrated groundwater elevation in well BGMW08 will be evaluated by the halting of purging and sampling while continuing to measure groundwater elevation in well BGMW08.

Since January 2013, groundwater elevations in most of the bedrock monitoring wells have been relatively stable.

A comprehensive survey was performed in October 2019 for all the Northern Area groundwater-network monitoring wells by DePauli Engineering and Surveying LLC using the New Mexico State Plane West, Zone Grid North American Datum of 1983 (NAD 83). In general, most wells measured 0.7- to 1.1-foot higher with the new survey without changing any flow patterns.

3.5 NATURE AND EXTENT OF GROUNDWATER CONTAMINATION

Groundwater contamination from known sources is detected in groundwater-contaminant plumes in the Northern Area in both alluvial and bedrock aquifers. Anions, explosives, perchlorate, one (1) VOC, TPH-DRO, TPH-GRO, and metals are consistently detected in groundwater samples at concentrations above the screening levels. Nine (9) groundwater-contaminant plumes have been identified: two (2) nitrate plumes, one (1) in the alluvial aquifer and one (1) in the bedrock aquifer; one (1) explosives plume in the alluvial aquifer; two (2) perchlorate plumes, one (1) in the alluvial aquifer and one (1) in the bedrock aquifer; one (1) VOC plume for 1,2-DCA in the alluvial aquifer; two (2) TPH-DRO plumes, one (1) in the alluvial aquifer and one (1) in the bedrock aquifer; one (1) TPH-GRO plume in the alluvial aquifer (Eco, 2024b). While metals and anions are consistently detected in groundwater samples at concentrations above the screening levels, background groundwater concentrations have not been established for FWDA and it is unknown whether the detected concentrations are a result of natural conditions or anthropogenic sources. Therefore, metal and anion (other than nitrate) concentrations have not been mapped as contaminant plumes.

Figures 3-1 and 3-2 present the alluvial and bedrock groundwater elevations generated from the September 2023 water-level measurement event. Plume boundaries defined by iso-concentration contours at the contaminant screening-level concentration were generated from the October 2023 monitoring event (Eco, 2024b). Northern Area alluvial contaminant plumes for select contaminant concentrations that can be contoured are provided in Figures 3-3 through 3-9; and Figures 3-10 through 3-12 which cover the Northern Area bedrock groundwater-contaminant plumes. Analytical results corresponding to the contaminant plumes are presented in Appendix B.

The nitrate plume in the alluvial aquifer appears to originate from the TNT Leaching Beds (SWMU 1) (Figure 3-3). The bedrock nitrate plume is also present near the TNT Leaching Beds (SWMU 1) (Figure 3-10) and likely migrated from the alluvial aquifer. A portion of the bedrock nitrate plume is collocated with the bedrock perchlorate plume (Figure 3-11).

RDX is the primary explosives compound of interest. This compound is consistently detected in groundwater at concentrations above the project screening value in the Workshop Area and eastern Administration Area (Figure 3-4). The widespread detection of RDX allows this compound to serve as an indicator compound for explosives compounds across FWDA. The explosives plume in the alluvial groundwater aquifer appears to originate from the TNT Leaching Beds (SWMU 1) in the Workshop Area and assumes a northern trajectory due to the inferred geologic substructure. Explosives have not been detected above screening levels in the bedrock aquifer.

The highest perchlorate concentrations have been detected in groundwater samples from the bedrock aquifer in the Workshop Area (Eco, 2024b) (Figure 3-11). The alluvial perchlorate plume is in the same vicinity as the bedrock perchlorate plume (Figure 3-5).

In the October 2023 sampling event, one (1) VOC was detected in groundwater samples at concentrations exceeding project screening values. The compound 1,2-DCA was historically used as a gasoline additive and degreasing solvent. The 1,2-DCA plume in the alluvial aquifer (Figure 3-6) is limited to a group of wells near a former fueling facility (SWMU 45, Building 6 Gas

Station) and SWMU 50 (Structure 35, UST 7) in the Administration Area (Eco, 2021). The VOC 1,2-DCA has not been detected in the bedrock aquifer since interim measure groundwater monitoring began in 2008.

Some SVOCs such as 2,4-dinitrophenol have been periodically detected at concentrations above the project screening levels during semiannual groundwater sampling. These compounds are associated with degradation, but are not consistently detected above screening levels. Some SVOCs such as polycyclic aromatic hydrocarbons are associated with petroleum products used in industrial operations and are also periodically detected. SVOCs were released to soil at SWMU 6 (Building 11, Former Locomotive Shop) and released to groundwater at SWMU 45 (Building 6 Gas Station) (Figure 3-7) (HDR Environmental, Operations and Construction, Inc. [HDR], 2022).

Background metals concentrations in groundwater have not been established for FWDA, thus, it cannot clearly be demonstrated whether the detected concentrations are a result of natural conditions or anthropogenic sources. All alluvial monitoring wells (Figure 3-8) and bedrock monitoring wells (Figure 3-10) are proposed for sampling for total and dissolved metals.

Petroleum hydrocarbons such as DRO and GRO have been detected in multiple groundwater samples as shown in Figure 3-9. DRO was released to soil or groundwater at SWMU 6 (Building 11, former Locomotive Shop), SWMU 7 (Fire Training Ground), SWMU 45 (Building 6 Gas Station), and SWMU 50 (Structure 35, UST 7) (Figure 3-9). GRO was released to groundwater at SWMU 45 (Building 6 Gas Station) and SWMU 50 (Structure 35, UST 7) (Figure 3-9) (HDR, 2022).

Dioxins, furans, herbicides, white phosphorous, pesticides, and PCBs have not been detected above project screening values since interim measure groundwater monitoring began in 2008. Pesticide detections were attributed to surface pesticide applications (Innovar Environmental, Inc., 2016). No points of release to groundwater were identified for dioxins, furans, herbicides, pesticides, white phosphorous, or PCBs; therefore, these compound groups are not considered primary groundwater COPCs, but may be analyzed in certain wells.

3.6 FATE AND TRANSPORT OF CONTAMINATION IN GROUNDWATER

Groundwater contamination has been identified in the northern Administration Area and Workshop Area in alluvial and bedrock aquifers. The known and suspected points of release of the following primary COPCs to groundwater are as follows (HDR, 2022):

- The TNT Leaching Beds (SWMU 1, Parcel 21) and the Building 528 Complex (SWMU 27, Parcel 22) in the Workshop Area had releases of nitrate, explosives, and metals due to historical munitions activities.
- The Building 528 Complex (SWMU 27, Parcel 22) in the Workshop Area had releases of perchlorate due to demilitarization and recycling of munitions.
- The Building 6, Gas Station (SWMU 45, Parcel 11) and the former UST 7 at Building 45 (SWMU 50, Parcel 11) in the Administration Area had releases of GRO and VOCs, and suspected release of lead due to historical leaks from USTs.

- The Building 6, Gas Station (SWMU 45, Parcel 11) had suspected releases of DRO and SVOCs from historical fueling and mechanical operations.
- The Fire Training Ground (SWMU 7, Parcel 21) had suspected releases of DRO due to historical fire-fighting operations.
- The Pesticide and Field Battery Workshop (SWMU 8, Parcel 6) had suspected release of SVOCs.

For the purposes of periodic groundwater monitoring, points of releases are defined as known sources of groundwater impact identified from RFIs. All the above-listed points of release were referring to surface or shallow subsurface soils.

The primary transport mechanism to groundwater is leaching from shallow soils. There are sufficient permeable pathways to allow infiltration to reach the water table across much of the Northern Area. Highly insoluble compounds, such as PCBs, may be bound to soil materials rather than leach to groundwater.

Migration is largely controlled by the groundwater flow direction once contamination has reached alluvial groundwater. Alluvial groundwater flow is generally to the west and is controlled by the bedrock structural features in the Northern Area.

Groundwater flow across much of FWDA is believed to be slow due to low hydraulic conductivity of the alluvial and bedrock units. Groundwater monitoring from 2008 to present demonstrates that groundwater-contaminant plumes are relatively stable.

Natural attenuation by diffusion, dispersion, and mineralization are believed to occur at FWDA. Mineralization, volatilization, chemical degradation, and biological degradation are potential mechanisms for contaminant degradation. Aerobic degradation and volatilization may be acting on some organic COPCs, such as VOCs and SVOCs. Aerobic conditions do not predominate in many groundwater units, and this degradation pathway is believed to be limited to small areas of shallow alluvial groundwater. Reductive chemical and chemical degradation may be acting on some COPCs such as nitrate, perchlorate, and explosives, but such degradation of COPCs has yet to be significantly demonstrated.

Source characterization and removal activities are being performed under interim measures at various locations across FWDA. Interim groundwater monitoring will continue pending final characterization and selection of an appropriate remedy.

3.7 CULTURAL RESOURCES

Traditional cultural properties and other cultural resources have been documented within FWDA boundaries. Existing groundwater monitoring wells and access routes are not located within identified archaeological sites. Since groundwater sampling activities are non-intrusive and confined to a small area immediately surrounding a given well, cultural resource monitoring will not be required during proposed sampling activities at existing wells.

4.0 FIELD MONITORING AND SAMPLING METHODS

4.1 SCOPE OF ACTIVITIES

Field activities proposed under this Interim Northern Area GWMP include DTW measurements and groundwater sample collection from the Northern Area monitoring wells at FWDA. The different types of sampling and purging methods described in this section are identified in Table 4-1. The field gauging and sampling equipment are listed in Table 4-2.

This Interim Northern Area GWMP is designed to evaluate each COPC from the point of release to the existing groundwater-contaminant plume boundary based on known or suspected releases to groundwater. Depth to groundwater will be measured and groundwater samples will be collected on a semiannual frequency.

Low-flow purging and sampling is the preferred sampling method at FWDA. In addition, borehole purging is proposed at wells with poor recovery as is consistent with previously approved monitoring plans. Current wells not sampled via low-flow method will be evaluated based on purge rates and drawdown. Wells determined to be suitable for low-flow sampling will be proposed for low-flow sampling in future sampling events as appropriate.

Groundwater samples will be analyzed for one (1) or more of the following COPCs:

- Explosives by U.S. Environmental Protection Agency (EPA) Method 8330B/8332
- Herbicides by EPA Method 8151A
- Major anions by EPA Method 9056A
- Perchlorate by EPA Method 6850
- Total and dissolved metals including mercury by EPA Method 6020A/7470A
- Polychlorinated biphenyls (PCBs) by EPA Method 8082A
- Pesticides by EPA Method 8081B
- Volatile organic compounds (VOCs) by EPA Method 8260C
- Semi-volatile organic compounds (SVOCs) by EPA Method 8270D
- Total petroleum hydrocarbons (TPH) as gasoline range and diesel range organics (GRO and DRO) by EPA Method 8015D

4.2 DEPTH TO GROUNDWATER MEASUREMENTS

DTW will be measured semiannually. Groundwater elevations will be calculated based on the DTW measurement, less the surveyed top of casing (TOC) measurement. The groundwater elevations are used to calculate hydraulic gradients and determine groundwater flow direction. All groundwater measurements will be collected during a 72-hour period from the Northern Area alluvium and Northern Area bedrock monitoring wells depicted on Figure 2-4. DTW measurements will be compared to previous measurements for consistency.

The DTW will be measured with an electronic water-level meter following these steps:

1. Starting with a clean water-level meter, lower the measurement probe down the well casing until the indicator lights or chimes. The indicator lights and chimes when the probe has encountered water. The measurement probe will be raised above the water, then again lowered 2–3 times. The reading will be considered accurate when three (3) consecutive readings agree (as the same). The water-level measurement will be read at the surveyed reference notch (typically north side of the top of the well casing).
2. The DTW measurement will be compared to the DTW reading from the previous measurement. If the measurement differs from the previous measurement by more than 1.0 foot, the measurement will be performed a second time.
3. Record the measurement to the nearest 0.01 foot to the top of casing reference notch and document in the field form or logbook. Monitoring wells and piezometers that do not contain more than 6 inches of water column in the well screen interval are identified as dry.
4. Remove the water-level probe from the well casing and decontaminate with non-phosphate detergent and distilled water as described in Section 4.5.

Based on potentially anomalous water level readings in piezometers PZ07 and PZ08, the integrity of these piezometers and their surrounding ground will be inspected during each groundwater level measuring event and the findings will be reported in the corresponding groundwater monitoring report. Similarly based on potentially anomalous nitrate detections in wells BGMW01 and BGMW02, the integrity of these wells and their surrounding ground will be inspected during each groundwater level measuring event and the findings will be reported in the corresponding groundwater monitoring report.

4.3 GROUNDWATER SAMPLING

Monitoring well sampling at FWDA involves a variety of purging and sampling methods, as shown in Table 4-1. Wells are sampled either with dedicated low-flow pumps (i.e., BESST and Zone Isolation Sampling Technology [ZIST]), high-volume dedicated pumps (Bennett), portable submersible pump, or hand bail. Each purging and sampling method is described in subsequent sections. As described below, only low-flow dedicated pumps by BESST and ZIST require water-quality parameter stabilization. The other methods of purging and sampling require that three (3) well volumes be removed prior to collecting a water sample. If well yield does not allow for three (3) well volumes, the well will be pumped dry and sampled the following day as formation water enters the well.

Low-flow purging and sampling is the preferred method at FWDA, in accordance with the NMED guidance document on low-flow sampling titled *Use of Low-Flow and Other Non-Traditional Sampling Techniques for RCRA Compliant Groundwater Monitoring* (NMED-HWB, 2001). Field sample methods, equipment, and sample handling information are presented in Table 4-2 and Table 4-3. Field procedures for sample collection and handling are provided in Section 4.4. Water generated during purging activities and excess groundwater from sampling will be collected in

designated containers and managed as IDW following the procedures described in Section 4.6. Monitoring wells that do not contain more than 6 inches of water column in the well screen interval are identified as dry. Wells identified as dry will not be sampled. If groundwater in well TMW56 is limited after purging, the bottle for perchlorate analysis will be filled first, or the time for groundwater recharge will be extended as necessary to collect a sample for perchlorate analysis. Similarly, if groundwater in well TMW40S is limited after purging, the bottle for explosives analysis will be filled first, or the time for groundwater recharge will be extended as necessary to collect a sample for explosives analysis. In addition, the time for groundwater recharge will be extended to a minimum of 48 hours for wells TMW40S and TMW56 after purging in future sampling events.

4.3.1 PRELIMINARY SITE ACTIVITIES

4.3.1.1 Initial Inspection

Upon arrival at each monitoring well, the field team will inspect the wellhead and exposed casing, and will record observations in the field form or logbook. The USACE will be notified if there appears to be evidence of tampering or other damage to the well. After initial inspection of the monitoring well, the field team will implement preventive measures to reduce risk of contamination to the ground surface and sampling equipment by placing plastic sheeting or other materials such as absorbent pads or shallow plastic tubs around each wellhead. A staging area will be designated for equipment decontamination which includes a non-phosphate detergent cleaning solution, reusable dedicated decontamination buckets and brushes, a plastic sheet, absorbent pads, or plastic tubs, as appropriate. Field personnel will wear disposable nitrile (or comparable) gloves for all activities when in contact with purge water, purge equipment, or sample bottles and their preservatives.

4.3.1.2 Water-Level Measurement and Well Volume Calculation

DTW will be measured from the top of the well casing reference notch and recorded to the nearest 0.01 foot by following the procedure described in Section 4.2. Well volume is the cross-sectional area of the interior of the casing multiplied by the height of the water column in the well depth to the bottom of the casing minus DTW.

One (1) well volume can be calculated using the following equation (Ohio EPA, 1993):

$$\mathbf{V = H \times F}$$

where:

V = one (1) well volume,
H = the difference between the depth of well and DTW (ft.)
F = factor for volume of 1-foot section of casing (gallons)
Note that F can also be calculated from the formula:

$$\mathbf{F = \pi\,(D/2)^2 \times 7.48\ gallons\ per\ cubic\ foot\ (gal/ft^3)}$$

where:

D = the inside diameter of the well casing (ft.)

Volume of Water in 1-Foot Section of Well Casing

Diameter of Casing/Tubing (inches)	F Factor (gallons)
2	0.16
2.5	0.25
4	0.65

Groundwater elevation and well volume calculations will be recorded in the field logbook or on the Groundwater Sampling Field Data Sheet (Appendix C).

4.3.2 LOW-FLOW PUMP PURGING

Low-flow pump purging for wells designated as low-flow in Table 4-1 is performed using dedicated pneumatic displacement pumps. The low-flow equipment consists of a flow-control system connected to the wellhead tubing which applies pneumatic pressure to a dedicated two-valve pneumatic displacement pump suspended within the well screen interval of the well. This low-flow pump system is powered by pressurized nitrogen-gas cylinders. Dedicated pumps are constructed of Delrin™ (acetal homopolymer) plastic, or stainless steel, and the tubing is Teflon™-lined polyethylene. Tubing fittings that contact the sample stream are stainless steel.

Pumps and gas control devices are operated and maintained in accordance with manufacturer specifications. Pneumatic power is applied by a compressed nitrogen-gas cylinder. Nitrogen gas is selected due to its inert properties and fewer impurities (as compared to compressed air). Electrical power for controller boxes is generated by a marine battery, power inverter, portable generator, or equivalent power source.

Dedicated low-flow pumps are designed to produce water-flow rates with minimal drawdown in compliance with low-flow guidance (NMED-HWB, 2001). Water-quality parameters and DTW readings are recorded during purging to assure representative sample collection. Well purging and stabilization is conducted in accordance with standard practice and site-specific methods implemented by USACE.

4.3.2.1 Traditional Low-Flow and ZIST Low-Flow Dedicated Pumps

Low hydraulic-conductivity conditions exist in many monitoring locations, which result in poor well yield. Bedrock wells TMW14A and TMW17 (installed in 2001) contain a ZIST packer system manufactured by BESST, Inc. to maintain the general low-flow methodology. Because these two (2) wells have lengthy standing-water columns (40 feet and 80 feet, respectively) and are low yield, the constant drawdown without the ZIST packer system would prevent stabilization required for traditional low-flow. The ZIST packer system creates a seal above the well screen to minimize drawdown and produce water directly from the bedrock aquifer formation. The pump intake is locked into the packers before purging operations and is unsealed after sample collection to allow for representative DTW measurements.

Traditional Low-Flow

The following steps will be performed for purging with traditional low-flow pumps:

1. Measure and record initial DTW.
2. Connect pump-controller pressure line, discharge tubing to well head, and connect nitrogen cylinder to control box with intermediary pressure regulator (pressure at 0 psi).
3. Connect inline flow-through cell and water-quality meter to discharge hose from well head. Discharge hose from flow-through cell should be directed to suitable container to collect the purge water for transfer to evaporation tank.
4. Slowly increase pressure to inlet side of controller box.
5. Start pump at the lowest pressure setting as calculated from DTW and slowly increase until discharge occurs. Start with pressure/vent cycle timing previously used for that well.
6. Measure the DTW again.
7. Adjust pumping rate until there is little or no water-level drawdown. It is preferable to make any necessary adjustments to pumping rates within the first 15 minutes of purging. Reduce pumping rates as needed. If the static water level is above the well screen, avoid lowering the water level into the screen, if possible. Water levels may decline during initial purging and flow adjustment prior to parameter stabilization. Measure the flow rate using a container of known volume vs time. If water level drawdown is not able to be maintained below 0.33 feet during the stabilization period, then those specific wells may be purged using an alternative method but low-flow sampling will continue to be attempted in future sampling events.
8. Monitor and record DTW, purge volume, purging rate, and field parameters approximately every 2 to 5 minutes during purging on the Groundwater Sampling Field Data Sheet (Appendix C). Calculate flow rate by timing and measuring discharge into a graduated cylinder or other measuring device. The time between each parameter measurement should allow the flow-through cell to completely evacuate the purge water from the previous reading. Measure the following parameters during purging:
    - Turbidity
    - Temperature
    - Specific conductivity
    - Hydrogen ion activity (pH)
    - Dissolved oxygen (DO)
    - Oxidation-reduction potential (ORP)
9. Purging is considered complete, and sampling may begin when the field parameters have stabilized. Stabilization for traditional low-flow has occurred when three (3) consecutive readings are within the following limits:
    - Temperature ± 10% in degrees centigrade

- pH ± 0.5 standard units
- Specific conductivity ± 10% in millisiemens per centimeter
- DO ± 10% or less than 1.0 mg/L
- Turbidity ± 10% or less than 1 nephelometric turbidity unit
- ORP ± 10 millivolt
- Water level = 0.00 to 0.33 foot (or 4 inches) or less drawdown during the stabilized water-quality readings.

10. Once water-quality readings are stabilized (Step 9), the established water-level drawdown must not be more than 4 inches/0.33 foot from stabilization until the end of sample collection. In wells where drawdown exceeds 0.33 foot during the water-quality parameter stabilization and sampling, the pumping rate will be reduced until the water-level drawdown is less than 0.33 foot. If water-level drawdown cannot be reduced to 0.33 foot then the well will no longer be considered appropriate for low-flow purging and sampling and a new purging/sampling method will be proposed in the subsequent Interim GWMP update.
11. If stabilization of water-quality readings is not reached within 2 hours, samples will be collected from the well at this time (EPA, 2017).

4.3.3 GROUNDWATER SAMPLE COLLECTION BY LOW-FLOW PUMP

After stabilizing field parameters, groundwater samples will be collected in accordance with the following steps:

1. During sample collection, maintain the pump at approximately the same flow rate as during purging and stabilization of field parameters.
2. Disconnect the water-quality sensor flow-through cell and collect samples directly from the pump-discharge tubing by allowing the discharge to flow gently down the inside of the sample container to minimize turbulence. Do not allow the tubing to touch the inside of the sample container.
3. Continue to monitor DTW to assure that the water level does not decrease more than 0.33 foot (4 inches) from the established pumping level during sampling.
4. Fill sample containers in sequence from most volatile sample type to least. Reduce pressure to avoid splash in VOC containers, if necessary. Do not over fill preserved containers. Sample filtering and preservation will be performed in accordance with laboratory and method requirements as listed in Table 4-3. If sample volume is limited at a specific well, then bottles for primary contaminants of concern for the given well will be filled first.
5. To filter groundwater samples in the field for dissolved metals analysis, use a 0.45-micron filter attached to the end of the discharge tubing, or fill an intermediate container and filter using clean disposable syringe (follow laboratory SOPs).

6. To filter groundwater samples in the field for perchlorate analysis, use a 0.20-micron filter. A 0.45-micron filter may be used to filter water before using the 0.20-micron filter for wells with high turbidity. Fill the perchlorate container only to between half and two-thirds volume to allow proper headspace for the sample. This can be done using a clean disposable syringe and attached filter.
7. After filling each sample container, immediately seal, label, and place container into an iced cooler in accordance with the sample management procedures discussed in Section 4.4.
8. Manage all liquid and solid IDW as described in Section 4.6.

4.3.4 ALTERNATIVE GROUNDWATER PURGING AND SAMPLING PROCEDURES

Some wells at FWDA require alternative methods of purging and sampling due to extremely low-yield/low-water levels. For these wells, purging and sampling are performed by hand bailing with disposable bailers, a submersible pump, or a dedicated piston pump. The methods required for purging and sampling are identified for each well in Table 4-1, and the type of equipment used is identified in Table 4-2. The sampling method used for each well will be recorded on the individual Groundwater Sampling Field Data Sheet for each well or field logbook.

These procedures emphasize the need to remove a sufficient volume of water from each well, so the sampled groundwater is representative of the surrounding formation. To achieve this, three (3) borehole volumes will be removed from the well, wherever possible. If the well yield is insufficient to generate three (3) borehole volumes, then the well will be purged dry and allowed to recharge with sufficient volume prior to collecting the groundwater sample.

Field parameters will be monitored at a time interval determined by the purge rate. A minimum of three (3) parameter values will be recorded on the Groundwater Sampling Field Data Sheet (Appendix C). Prior to purging, an additional DO measurement with a downhole probe will be collected on all wells without a dedicated pump. DO is the only parameter that shows a potential effect from pumping the water through a flow-through cell by possible introduction of air into the system. No other parameter has empirically been shown to be affected by pumping water through a flow-through cell. The DO meter is decontaminated in accordance with Section 4.5. Purging is considered complete after evacuating three (3) well volumes or when the well is emptied due to extremely slow water-level recovery. Groundwater samples must be collected within 48 hours of purging the well dry.

Groundwater samples from these wells with low yield will be collected with disposable bailers as described below.

4.3.4.1 Disposable Bailers

The following steps describe purging and collecting groundwater samples with disposable bailers:

1. Measure and record initial DTW.
2. Attach a clean stainless-steel wire to the bailer and lower it into the monitoring well; allow bailer to fill with groundwater. Try to avoid allowing the bottom of

bailer to come into contact with the bottom of the well casing unless the bailing well is dry.

3. Slowly and steadily raise bailer out of the monitoring well and empty purge water into a calibrated container or storage vessel designated for IDW. Record volume of water bailed on field data sheet or logbook.
4. Periodically collect and record the following groundwater parameters. Collect at least three (3) groundwater parameter measurements and record all readings. Measure the following parameters during purging:
   - Turbidity
   - Temperature
   - Specific conductivity
   - pH
   - DO
   - ORP
5. Repeat process until the calculated volume of groundwater has been purged from the monitoring well (three (3) times the well volume) or until well is dry.
6. Use a new bailer for sample collection if the well was bailed dry.
7. Collect groundwater samples with the disposable bailer by pouring the collected water from the bailer directly into the sample containers.
8. To filter groundwater samples for dissolved metals and/or perchlorates analysis, use a clean disposable syringe and filter. An intermediary container may be used to collect the groundwater sample prior to filtering. Sample filtering and preservation will be performed in accordance with laboratory and method requirements as listed in Table 4-3.

4.3.4.2 Reusable Submersible Pump

A portable submersible pump can be used to purge wells that may not have sufficient recharge to support low-flow pumping but contain more water than can be efficiently bailed. A portable submersible pump can also be used to purge a well with a dedicated pump in the event the dedicated pump has failed. This deviation must be clearly identified on the Groundwater Sampling Field Data Sheet for each well or field logbook. Table 4-1 indicates which wells have sufficient water for low-flow sampling methods using submersible pumps. If the well becomes dry during purging, allow well to recharge, and collect the groundwater sample with a disposable bailer. Based on current water-level conditions in the field, the following procedures for purging with a submersible pump and collecting groundwater samples using low-flow or disposable bailer are described below:

1. Measure and record initial DTW.
2. Attach clean, unused tubing to the pump and secure the tubing to pump.

3. Lower the pump into the well to approximately 6 inches from the bottom of the well. Avoid disturbing the bottom of the well casing as this may disturb sediments.
4. Secure the tubing and lead line, then attach tubing to flow-through cell and lead line to control box, and then secure the control box to the power source.
5. Begin purging at a flow rate of between 0.5 to 2 gpm (2 liters per minute [lpm] to 8 lpm). During well purging, record DTW and monitor and record a minimum of three (3) field-parameter readings and record all readings. Measure the following parameters during purging.
    - Turbidity
    - Temperature
    - Specific conductivity
    - pH
    - DO
    - ORP
6. Measure and record purge volume. Once three (3) casing volumes have been removed, the well may be sampled. Reduce the flow rate of the pump to less than 0.2 gpm.
7. Disconnect the water-quality sensor flow-through cell and collect samples directly from the pump discharge by allowing the discharge to flow gently down the inside of the sample container to minimize turbulence.
8. If the well has been purged dry, remove pump and tubing. Allow water levels to recharge as described in Section 4.3.4 and sample with a disposable bailer following steps 6, 7, and 8 in Section 4.3.4.1.
9. Decontaminate the pump after purging is complete as described in Section 4.5.
10. Remove and dispose of tubing after purging is complete at each monitoring well. Do not reuse the pump discharge tubing. Manage all liquid and solid IDW as described in Section 4.6.

4.3.4.3 Dedicated Bennett Pump

The Bennett sample pump system consists of automatic reciprocating piston motors operated by compressed nitrogen gas to power a double-acting piston fluid pump. The Bennett pump has four (4) polyethylene tubes attached to the top of the well casing. The pressurized nitrogen gas is inserted through one (1) tube, a second tube returns groundwater to the surface, a third tube is a gas exhaust, and the fourth tube is used as a water-level indicator. Bennett pumps are installed in seven (7) wells (MW23, MW24, TMW16, TMW18, TMW19, TMW36, and TMW37), as shown in Table 4-1. The Bennett pump intake was placed approximately 2 feet from the bottom of each monitoring well. Procedures for using a Bennett pump to purge and collect groundwater samples are as follows:

1. Measure and record initial DTW.

2. Connect the air intake tubing from the dedicated pump to the pressurized nitrogen-gas cylinder. Connect the discharge tubing to the flow-through cell.
3. Turn on gas flow from the nitrogen cylinder. Use initial pumping rates previously established for borehole volume purging based on specific well yield.
4. Monitor and record all adjustments to pumping rate. Measure and record flow rate and volume of purge. Collect a minimum of three (3) field parameters at a rate of between one (1) per 3 minutes to one (1) per 15 minutes depending on the purge volume and record all readings. The time between each parameter measurement should allow the flow-through cell to completely evacuate the purge water from the previous reading. Measure the following parameters during purging:
    - Turbidity
    - Temperature
    - Specific conductivity
    - pH
    - DO
    - ORP
5. If three (3) casing volumes have been removed, the well may be sampled. Reduce the flow rate of the pump by slowly reducing the pump drive pressure so the discharge rate is below 0.2 gpm.
6. If the well is purged dry, allow for recharge following requirements in Section 4.3.4.
7. Disconnect the water-quality sensor flow-through cell and collect samples directly from the pump discharge by allowing the discharge to flow gently down the inside of the sample container to minimize turbulence.
8. After filling each sample container, immediately seal, label, and place container into an iced cooler in accordance with the sample management procedures discussed in Section 4.4.
9. Manage all liquid and solid IDW as described in Section 4.6.

4.4 SAMPLE MANAGEMENT AND SAMPLE HANDLING

Proper sample handling, shipment packaging, and chain-of-custody (COC) documentation will generate quality field data and provide validity and defensibility to the sample results. Sample handling protocols, careful sample packaging, and COC requirements will be followed completely, accurately, and consistently. All samples shipped to the laboratory will be accompanied by a properly completed COC form (Appendix C).

The unique sample identifiers and descriptive information (i.e., sample location, date, and collection time) will be listed on the COC form. Individuals relinquishing or receiving possession of samples will sign, date, and note the time on the COC form in the “relinquished by”

or "received by" boxes, respectively. The signed COC forms establish the transfer of sample custody from the field sampler to the laboratory.

4.4.1 SAMPLE HANDLING PROCEDURES

After filling each sample container, the container will be immediately sealed, labeled, and placed into an iced cooler for the remainder of the day's sampling activities before packaging the samples for shipment. Groundwater samples may also be transported and stored in coolers with ice at a predetermined secure refrigerator prior to delivery to the laboratory. Samples will be transported daily via FedEx or other common courier for samples with holding times of less than 3 days. If one (1) or more than one (1) groundwater sample is collected after sample packing and shipment is completed for the day, the sample(s) will be held overnight and placed on ice in sample cooler or secure refrigerator, pending the samples' laboratory holding time. Sample containers, preservation, and holding times are presented in Table 4-3 by analytical method.

Container lids will be checked to verify they are sealed tight to prevent a leak during transport. The samples will be individually packaged in resealable plastic bags and positioned within the cooler in a manner to prevent damage. Sample containers may also be bubble wrapped to maintain sample integrity and added protection during transport to the laboratory.

Groundwater samples will be transported in rigid plastic coolers or ice chests. Coolers or ice chests will be lined with clean plastic bags. The bagged samples will be secured within the plastic bag liner inside the cooler, and ice will be placed inside the plastic bag liner within a secondary plastic bag or resealable plastic bag within the cooler or ice chest. The samples and ice will be sealed in their respective plastic bags to prevent leakage and contact during transportation to the laboratory.

4.4.2 COC REQUIREMENTS

The following information will be included on the COC forms:

- Site name and project name or number;
- Sample identification code, sample collection date, sample collection time (in 24-hour format);
- Total number of containers for each sample, the analyses, and associated number of sample bottles for each analysis;
- Signature of the sample team leader or sample collector;
- Carrier service (e.g., FedEx or UPS), air bill number, and custody seal number, if applicable; and
- Signature, date, and time in the "relinquished by" section.

The signed COC form will be placed in a plastic bag and taped to the inside of the lid in each cooler or ice chest. Each cooler or ice chest will have its own documentation and will be closed and secured with strapping tape and custody seal. Clear tape will be placed over the custody seal to prevent damage to the seal. When the cooler or ice chest is opened, the custody seal will be broken. The completed and signed COC forms will become part of the project record.

4.4.3 SAMPLE SHIPPING

Samples will be transported to Eurofins Environment Testing (Eurofins) located at 4955 Yarrow Street in Arvada, Colorado for analytical testing.

4.4.4 ANALYTICAL METHODS

Sample analysis will be performed by Eurofins, a DoD ELAP-certified laboratory. Table 4-3 provides the analytical methods, container (number, size, and types), preservation, and holding times. Selected analysis for each well is presented in Section 5. Analytical methods are selected in accordance with the most recent QSM (DoD/DOE, 2023) and consistent with RCRA regulations. The most recent EPA SW-846 solid waste methods were determined to be appropriate methods to meet DQOs as well as conform to RCRA regulations and DoD guidance.

4.5 DECONTAMINATION

Non-dedicated and non-disposable equipment and sampling supplies such as water-level meters and submersible pumps will be decontaminated before and after each use. Water-level meters will be decontaminated during extraction from monitoring wells using distilled water and a non-phosphate detergent cleaning solution. Submersible pumps will be decontaminated using the following procedures:

1. Remove particulate matter or debris using a brush or handheld sprayer filled with distilled water.
2. Scrub the surfaces of the equipment using distilled water and a non-phosphate detergent-cleaning solution (Alconox®) and reusable-dedicated decontamination brushes.
3. Rinse the equipment thoroughly with distilled water.
4. Place the equipment on a clean surface and allow to air dry.
5. Containerize all decontamination liquids and manage as IDW, as described in Section 4.6.
6. The area where the equipment is stored prior to reuse will be free of contaminants.

If decontaminated equipment is transported between wells or other locations, the equipment will be protected from potential sources of cross contamination as appropriate. Sampling equipment dedicated for use at specific wells will not require decontamination before use. Disposable sampling equipment that is used once and then disposed of will not require decontamination before use, provided it is wrapped in the manufacturer's packaging or otherwise protected from inadvertent contamination before use.

4.6 WASTE MANAGEMENT PROCEDURES

Purged groundwater, excess sample water from monitoring wells, decontamination liquids (non-hazardous soap and water), and solid waste (disposable sampling equipment and personal protective equipment) are typical IDW generated during the FWDA groundwater sampling events.

Purged groundwater, decontamination water, and other non-hazardous liquid IDW will be containerized at the sample collection location in appropriate containers, such as buckets with a watertight lid or polyethylene drums with a sealing bung. Water from multiple wells may be consolidated into one (1) or more containers depending on volume. Liquid IDW containers will be emptied into one (1) of two (2) low-density polyethylene-lined evaporation tanks at the end of each day. The evaporation tanks are located at the site of former Building 542 in Parcel 6.

Solid waste (e.g., disposable sampling equipment, personal protective equipment, and general refuse) will be allowed to dry and placed in plastic trash bags. Small quantities of waste will be disposed of, in trash containers (dumpsters) located in the Administration Area. Larger quantities of waste material (that will not fit in the dumpsters) will be transported off site for disposal as municipal waste.

4.7 QUALITY ASSURANCE PROCEDURES

4.7.1 FIELD EQUIPMENT CALIBRATION AND PREVENTATIVE MAINTENANCE

Field instruments will be calibrated, operated, and maintained in accordance with the manufacturer's instructions. Daily on-site field instrument calibrations will be performed before and during each day's use by trained technicians using certified standards. Instrument calibrations will be recorded in logbooks dedicated to calibration data and will include field instrument identification, serial number, date of calibration, standards used, and calibration results.

If there is equipment malfunction, the instrument will be removed from service, tagged, and substituted with another piece of equipment. Equipment that fails calibration or becomes inoperable during use will be tagged and removed from service. Equipment that cannot be recalibrated or repaired will be replaced. Backup equipment will be available for use in the field in case of a malfunction.

Preventive maintenance procedures for field instruments will be conducted in accordance with procedures outlined by the manufacturer's equipment manuals. All records of inspection and maintenance will be dated and documented in the appropriate field logbook. Critical spare parts for field instruments will be included in the sampling kits to minimize downtime. Backup meters will be available, when needed. Spare parts will be purchased from accepted vendors. Daily inspections of field equipment will be performed to ensure proper function. If inspection results deem a piece of field equipment faulty or not usable, replacement equipment will be cleaned, calibrated, and used in place of the faulty equipment.

4.7.2 SAMPLE COLLECTION QUALITY CONTROL AND QUALITY ASSURANCE

In compliance with the most recent version of the QSM (DoD/DOE, 2023) several types of field quality control (QC) samples will be submitted to the analytical laboratory to assess the validity of the data. Quality control samples include the following: field duplicates, trip blanks, equipment rinsate blanks, matrix spike (MS), and matrix spike duplicate (MSD) samples.

Field duplicate samples will be collected at a frequency of at least one (1) per 10 environmental samples. The MS/MSD samples will be collected at a frequency of at least one (1) per 20

environmental samples. An additional sample volume will be collected at specified sample locations in order to include one (1) MS/MSD pair to be submitted to the analytical laboratory for every 20 environmental samples. Quality assurance (QA) split samples may be generated at the Army's discretion to check the contractor's laboratory quality performance. Field equipment rinsate blanks are collected at the start of the sampling event, one (1) per 20 environmental samples, and/or one (1) at the end of the sampling event (minimum of two (2) samples per event), on non-dedicated equipment.

Each shipment that contains VOC sample analyses will include a trip blank. The trip blank will be placed in the cooler containing samples designated for VOC analysis and will stay with the cooler during transportation to the analytical laboratory.

Due to recurring detections of bis(2-ethylhexyl) phthalate, a plasticizer and a common laboratory and sampling contaminant, the use of materials containing bis(2-ethylhexyl) phthalate will be avoided in the field and laboratory. The major use of bis(2-ethylhexyl) phthalate is in the production of PVC and vinyl chloride resins, where it is added to plastics to make them flexible.

4.7.3 DOCUMENTATION QUALITY ASSURANCE

Field documentation will consist of one (1) or more job- or area-specific field logbooks, field forms, sample COC forms, and sample logs/labels.

4.7.3.1 Logbooks

Field logbooks provide a daily handwritten record of field activities. Logbooks will be permanently bound and have a hard cover. Logbooks will be ruled or gridded, with sequentially numbered pages. All entries into field logbooks will be made with indelible ink. Field logbooks are detailed daily records that are kept in real time and are assigned to specific activities, positions, or areas within the site. Separate logbooks will be used for each sampling event and field team.

Documentation in field logbooks will include the following (as necessary):

- Location
- Date and time
- Names of field crew
- Names of subcontractors
- Weather conditions during field activity
- Sample type and sampling method
- Location of sample
- Sample identification number
- Decontamination procedures
- Health and safety briefings
- Sampling notes (e.g., well condition, unexpected maintenance, or work stoppage).

A separate logbook dedicated to calibration records will be maintained and will include the following information:

- Equipment or device make, model, and serial number (or another unique identifier)
- Date and time
- Calibration results
- Adverse trends in instrument calibration behavior
- Field instrument identification, date of calibration, and standards used.

Field logbook corrections will be made by crossing out mistakes with a single line, writing in the correction, initialing, and dating the entry. The use of correction fluid is not permitted. The team lead will review each page of the logbook for errors and omissions after each field day and will date and sign each reviewed page.

4.7.3.2 Field Data Record Forms

In addition to the field notebooks, field log forms will be used. These field forms will include DTW measurement forms and purging and sampling forms. These forms ensure all required data and observations are recorded in a consistent manner. Information recorded on the field log forms is not intended to be a double entry, meaning that if the information is recorded on the field log form, it need only be referenced in the field logbook, not duplicated. No blank spaces will be left; all non-applicable items will be marked "not applicable." Forms will include well sampling forms and COC forms, as provided in Appendix C.

4.7.3.3 Final Evidence File Documentation

Evidential file documentation will be maintained under an internal project file system. The USACE Contracting Officer's Representative (COR) will ensure that all project documentation and QA records are safely stored and retrievable.

5.0 MONITORING AND SAMPLING

Interim groundwater monitoring and sampling at FWDA allows the USACE to track contaminant plume concentrations and migration at previously identified groundwater impact areas while the RFI and corrective measures study (CMS) are completed, and the final remedy is selected. The current monitoring well network is based on the current understanding of site conditions. All analytical-data summary tables will include data from the three (3) previous monitoring events as required by Section V.A.2 of the FWDA RCRA permit.

5.1 INTERIM GROUNDWATER MONITORING ANALYTICAL PLAN

The Army has identified COPCs for interim groundwater monitoring based on existing groundwater data and point of release assessments. Sample analytical methods were selected based upon the COPCs and the DQOs. The groundwater analytical plan complies with the RCRA permit (NMED, 2015) and the QSM requirements (DoD/DOE, 2023).

Attachment 7 of the RCRA permit (NMED, 2015) provides a hierarchy to select screening level criteria applicable to the FWDA groundwater monitoring. Table 5-1 presents the list of analytes with screening values and the contracted laboratory limits for these methods and individual analytes.

Analytes without risk screening values have been assigned the screening values for surrogate analytes that are structurally similar or that provide a conservative estimate of toxicity, as identified on Table 5-1. Six (6) analytes listed on Table 5-1 do not have an assigned risk screening level and do not have a surrogate analyte as identified in italics below.

Surrogate analytes were not selected for these compounds: *4-bromophenyl phenyl ether, 4-chlorophenyl phenyl ether, acenaphthylene, benzo[g,h,i]perylene, phenanthrene, and dichloropropene*. These analytes do not have a WQCC, MCL, or EPA RSL value. If these analytes are detected in groundwater samples collected while implementing this GWMP, additional review for appropriate surrogate compounds will be conducted.

Eurofins is the contracted DoD ELAP-certified laboratory selected to analyze samples from FWDA. Analytes that have screening values lower than the laboratory limit of quantitation (LOQ), or limit of detection (LOD) will be identified as data quality exceptions in the PMR.

Other related difficulties associated with sampling can lead to data quality exceptions that include the lack of recharge in select wells, the high turbidity in select wells, and the potential for matrix interference.

5.2 MONITORING LOCATION AND FREQUENCY

The GWMP was designed for each point of release in accordance with the DQOs and decision criteria described in Section 1.4. Groundwater monitoring activities consist of DTW measurements and groundwater sample collection on a semiannual basis.

Review of groundwater monitoring data from 2008 to current data identifies relatively stable groundwater-contaminant plume configurations and predictable groundwater flow directions and gradients. Table 5-2 contains the sampling matrix in accordance with this GWMP.

5.2.1 NORTHERN AREA ALLUVIAL GROUNDWATER MONITORING DESIGN

Nitrate and Nitrite Plume

The points of release for the groundwater nitrate/nitrite plume in the Northern Area appear to originate from SWMU 1 (TNT Leaching Beds, which have been removed) and SWMU 27 (Building 528 Complex). As shown on Figure 3-3, the plume extends across the Workshop Area and Administration Area. Wells TMW03, TMW34, TMW40S, and TMW46 have historically had the highest nitrate concentrations within the plume and are designated as downgradient relative to SWMU 1 (TNT Leaching Beds) and SWMU 27 (Building 528 Complex). Starting in 2021, all wells sampled for nitrate and nitrite are also sampled for additional major anions to include chloride, fluoride, sulfate, phosphate, and bromide.

Explosives Plume

The suspected points of release for the groundwater explosives plume in the Northern Area are SWMU 1 (TNT Leaching Beds) and SWMU 27 (Building 528 Complex). The alluvial aquifer explosives plume extends northward across the Workshop Area (Figure 3-4).

Perchlorate Plume

The point of release for the groundwater perchlorate plume in the Northern Area is SWMU 27 (Building 528 Complex). Groundwater samples from wells TMW01, TMW31S, and TMW39S have historically had the highest perchlorate concentrations within the plume (Figure 3-5). To monitor plume migration along the downgradient boundary of the plume, TMW03 and TMW13 are designated for perchlorate analysis.

Metals Monitoring

The points of release for metals in the Northern Area are SWMU 1 (TNT Leaching Beds), SWMU 27 (Building 528 Complex), and SWMU 50 (UST 7 at Building 45). Groundwater metals plumes have not been identified at FWDA pending determination of groundwater background concentrations (Figure 3-8).

Other Organics Monitoring

The points of release for the groundwater VOC plume in the Northern Area are SWMU 45 (Building 6 Gas Station) and SWMU 50 (Structure 35, UST 7 at Building 45). The 1,2-DCA plume is adjacent to SWMU 45. Groundwater samples from wells MW18D, MW20, MW22D, and TMW33 have consistent concentrations of 1,2-DCA. Monitoring wells MW01, MW02, and MW03 are hydraulically upgradient of SWMU 45 but downgradient of SWMU 50 (Figure 3-6).

The points of release for the SVOCs in the Northern Area include SWMU 6 (Building 11, former Locomotive Shop) and SWMU 45 (Building 6 Gas Station). There are no groundwater SVOC plumes identified at FWDA.

The points of release for the DRO in the Northern Area are SWMU 6 (Building 11, former Locomotive Shop), SWMU 45 (Building 6 Gas Station), and SWMU 7 (Fire Training Ground).

The points of release for the GRO in the Northern Area are SWMU 45 (Building 6 Gas Station) and SWMU 50 (Structure 35, UST 7). The GRO releases are monitored by wells MW01, MW02, MW03, MW18D, MW20, MW22D, TMW06, TMW07, TMW21, and TMW33.

5.2.2 NORTHERN AREA BEDROCK GROUNDWATER MONITORING DESIGN

Nitrate and Nitrite Plume and Explosives and Metals Monitoring

The points of release for the bedrock aquifer nitrate/nitrite, explosives plumes and suspected metals releases in the Northern Area are SWMU 1 (TNT Leaching Beds) and SWMU 27 (Building 528 Complex) (Figure 3-10). One (1) nitrate plume is present in the bedrock aquifer across the Workshop Area. To monitor known and suspected releases from SWMU 27 (Building 528 Complex) downgradient wells TMW30, TMW31D, TMW32, TMW39D, and TMW48 will be sampled for nitrates. To monitor known and suspected releases from SWMU 1 (TNT Leaching Beds), wells TMW36, TMW38, and TMW40D are designated as downgradient wells. Upgradient monitoring wells have not been installed due to dry and impermeable shale bedrock present in this area. All wells sampled for nitrate and nitrite are also sampled for additional major anions to include chloride, fluoride, sulfate, phosphate, and bromide.

Perchlorate Plume

The point of release for the bedrock groundwater perchlorate plume in the Northern Area is SWMU 27 (Building 528 Complex). Although the extent of the perchlorate plume has not been fully defined, the contamination is located in the eastern portion of the Workshop Area (Figure 3-11). Wells TMW30, TMW31D, and TMW48 have consistent elevated groundwater perchlorate concentrations. To monitor the plume boundary, wells TMW32, TMW36, TMW38, TMW39D, TMW40D, TWM43, TMW44, and TMW47 are designated as downgradient wells.

Other Organic COPCs Monitoring

The suspected point of release for SVOCs in the bedrock aquifer of the Northern Area is SWMU 8 (Building 537, removed). There are no identified groundwater SVOC plumes at FWDA and no site related SVOC concentrations exceeding screening levels in groundwater samples that are attributable to historical site activities. Upgradient monitoring wells have not been installed due to dry and impermeable shale bedrock present in this area. VOC detections in the bedrock aquifer have included carbon disulfide in previous monitoring events. The Army has confirmed that this compound was not used at the facility.

5.3 DATA QUALITY EVALUATION

The data quality evaluation (DQE) process is instituted to ensure the suitability of the data to meet DQOs. The DQE process consists of three (3) steps: Step 1 is verification of the data obtained from the project activities to be complete; Step 2 is validation of the field and analytical procedures performed relative to the contract and work plan requirements; and Step 3 is assessment of usability of the data to be suitable to meet DQOs.

Field data are assessed by the project team through a series of internal reviews. The field team lead is responsible for implementation of the correct field procedures during data collection. Senior technical review staff and USACE will evaluate completeness of the field data, determine whether the field procedures outlined in this GWMP are being followed, and verify data quality is suitable for use in groundwater monitoring. Rejected data will be qualified or removed from the database.

Laboratory analytical DQEs follow a specific process defined by the current version of the QSM (DoD/DOE, 2023) and *General Data Validation Guidelines* (Environmental Data Quality Workgroup, 2019). Laboratories performing sample analyses will hold current DoD ELAP accreditation and state of New Mexico accreditation/National Environmental Laboratory Accreditation Program accreditation for all appropriate fields of testing. Laboratories will also need to meet NMED and EPA standards, as required. Laboratories will submit accreditation certificates to the USACE COR.

5.3.1 GENERAL DATA QUALITY REQUIREMENTS

DQEs for all project data and deliverables will consist of the following:

1. Verification that the data produced corresponds to the data scope of work (completeness check)
2. Verification of the procedures/methods used
3. Verification that documentation/deliverables are complete
4. Verification that hard copy and electronic versions of the data are identical
5. Verification that the data seem reasonable based on analytical methodologies
6. Evaluation and qualification of laboratory analytical results based on sample receipt (sample temperature and preservation) and holding-time compliance
7. Evaluation and qualification of laboratory results based on precision and accuracy
8. Verification that analytical instrument calibration is in accordance with required instrument and method criteria
9. Evaluation and qualification of analytical results based on field and laboratory QA/QC of sample results.

5.3.2 ANALYTICAL DATA QUALITY REQUIREMENTS

Analytical data generated for FWDA will be subjected to 100% Level II validation with 10% subjected to Level III validation. Data qualifiers will be used to indicate: 1) blank contamination;

2) sample analytical anomalies associated with a constituent; 3) analytical results that fall between the detection limit (DL) and the LOQ; 4) data qualified because of an exceedance of method-specific holding times, cooler temperatures exceeding 4 °C, or other significant QA/QC data deficiencies; and 5) data results that exceed the upper calibration curve limit for that constituent and associated analytical instrument. The data quality indicators include the PARCCS parameters. These indicators are described below. The validation process ensures a completeness of 95% in QA/QC reporting and 100% in sample result reporting.

Precision

Precision is the degree to which a set of measurements, obtained under similar conditions, conforms to itself. Precision data indicate the consistency and reproducibility of field sampling and/or analytical processes. Precision is usually expressed as a percentage difference or standard deviation, in either absolute or relative terms. Overall project precision is measured by the analysis of field sample/duplicate pairs and MS/MSD pairs. The relative percent difference of field duplicates, laboratory duplicates, and MS/MSD pairs will be calculated and evaluated with the limits included in Table 5-1.

Accuracy and Bias

Accuracy is the degree of agreement between a sample result and a reference value. Bias refers to the systematic inaccuracy associated with a measurement process. Analytical accuracy is determined by adding a known concentration of target analyte(s) or surrogate analyte(s) (those with properties that mimic analytes of interest, but unlikely to be found in environmental samples) to a standard reference material or a laboratory control sample consisting of an analyte-free matrix and performing the prescribed method on the reference material or laboratory control sample.

Bias introduced by the sample matrix is determined by adding a known concentration of target analyte(s) or surrogate analyte(s) to an aliquot of field sample, referred to as an MS sample, and performing the prescribed method on the spiked sample aliquot. The percentage recovery of laboratory control samples and MS samples will be evaluated with the percentage limits in Table 5-1.

Representativeness

Representativeness is a qualitative measure of the degree to which a sampling and analysis program reflects the conditions of a site. Representativeness describes the adequacy of the sample collection process and the analysis process, as determined by sample matrix homogeneity and the consistency with which analytical procedures are performed. Method blank results will meet acceptance criteria if no analytes are detected at concentrations greater than half of the LOQ, or 10% of sample results. Representativeness of normal analytical samples will be assessed by the technical lead based on previous detections and the CSM.

Completeness

Completeness is a measure of the amount of valid data collected compared to the expected amount of total data. Overall completeness will be inferred from a records review and documented data validation. Sampling completeness is assessed by evaluating the total number of samples proposed for collection compared to the actual number of samples collected and analyzed. Analytical completeness is evaluated by comparing the number of usable data points collected compared to the total number of data points generated for each analyte and sample.

Comparability

Comparability is the degree to which separate data sets can be represented as similar. The documentation and use of standardized operating procedures in the field and laboratory will help assure the comparability of measurements. Also, field triplicate samples may be collected if directed by USACE, sent to a different laboratory (to be determined), and results compared to the field results. Data will be considered in disagreement if the difference in values exceeds criteria for relative percent difference listed in Table 5-1.

Sensitivity

Sensitivity refers to the ability of an analytical method or instrument to detect target analytes at a specified concentration. The QSM (DoD/DOE, 2023) has defined the following terms associated with the analysis and reporting of environmental data:

DL – The smallest amount or concentration of a substance that can be demonstrated to be different from zero or a blank concentration with 99% confidence. At the DL, the false positive rate (Type I error) is 1%. A DL may be used as the lowest concentration for reliably reporting a detection of a specific analyte in a specific matrix with a specific method with 99% confidence.

LOD – The smallest concentration of a substance must be present in a sample in order to be detected at the DL with 99% confidence. At the LOD, the false negative rate (Type II error) is 1%. An LOD may be used as the lowest concentration for reliably reporting a non-detect of a specific analyte in a specific matrix with a specific method at 99% confidence.

LOQ – The smallest concentration that produces a quantitative result with known and recorded precision and bias. For DoD/DOE projects, the LOQ will be set at or above the concentration of the lowest initial calibration standard and within calibration range.

Reporting Limit – The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

1) The LOQ will be used to evaluate sensitivity requirements. The applicable groundwater standard for each chemical is presented in Table 5-1.

5.4 ENVIRONMENTAL DATA MANAGEMENT

After review and approval, the analytical and field data will be loaded into the FWDA Electronic Data Management System (EDMS) database. An EDMS (or comparable) database is maintained for all interim groundwater monitoring results from 2008 to present. The sample results of electronic data deliverables will be loaded into the automated data review (ADR) software for data validation. After validation, data output files from the ADR (or comparable) software will be exported to the FWDA database. The FWDA database will be used to prepare the validated data table output presented in reporting documents.

5.5 DATA EVALUATION

Groundwater sample laboratory results will be used to evaluate groundwater-contaminant conditions at FWDA. The data evaluation will determine groundwater-contaminant plume size and migration as well as general groundwater flow conditions. As described in Section 1.2 and Section 1.3, groundwater data generated during groundwater monitoring will be evaluated with respect to screening levels described in Attachment 7 of the RCRA permit (NMED, 2015). The project screening value decision process is presented on Figure 1-1.

5.6 REPORTING

Analytical results will be submitted in a semiannual report prepared in accordance with *General Reporting Requirements for Routine Groundwater Monitoring at RCRA Sites* (NMED, 2003). The interim measures PMR will be submitted to NMED not more than 120 calendar days after the end of the semiannual monitoring period.

The PMR will describe the activities performed and current findings of the investigation. The PMR will include the following:

- Description of field monitoring and maintenance activities performed
- Deviations from work plan
- Evaluation of monitoring results
- DQE results
- Recommendations for subsequent monitoring
- Tabulated results of field data
- Tabulated results of analytical data
- Groundwater elevation maps
- Groundwater-contaminant plume maps

A DQE report will evaluate usability of the data with respect to the project objectives. The project chemist will describe variances, describe rejected data, and present final data qualifiers in the DQE report.

6.0 SCHEDULE

The first sample collection under this groundwater monitoring took place in April 2008 and has continued each April and October to date. The schedule of planned groundwater sampling will be consistent with the ongoing interim measure schedule.

Groundwater elevation data is proposed to be collected on a semiannual basis in April and October. Groundwater sampling is scheduled semiannually in April and October after measuring groundwater elevations.

Each January to June PMR will be submitted to NMED by the end of October of the same year.

Each July to December PMR will be submitted to NMED by the end of April of the following year.

7.0 SAMPLING CHANGES FROM PREVIOUS PLAN

Based on the stability of groundwater elevations in each well, and the general stability of groundwater gradients throughout the Northern Area, it is proposed to measure groundwater elevations in wells on a semiannual basis each time groundwater is sampled in April and October.

Wells where the laboratory did not detect a given analytical group in four (4) or more of the most recent sampling events (except for VOCs) are proposed for removal of that analytical group from the well, unless the well is in proximity to an existing plume for that analytical group.

Wells with detections of explosives or TPH-DRO are proposed to be analyzed for SVOCs in the subsequent sampling event.

No changes are proposed for VOCs, TPH-DRO, TPH-GRO, or metals analyses.

Background monitoring wells will continue to be sampled for anions (including nitrate) and metals so that this data can be used in future background evaluations. Background assessments will be provided under a separate cover. VOCs, SVOCs, explosives, and perchlorate will also be retained for background monitoring wells unless otherwise noted below to determine if the background location is suitable for the background assessment. There are no mappable pesticide, herbicide, or PCB groundwater plumes; therefore, these analytes are no longer required for background data evaluations. However, if analytes are detected above applicable screening levels in a given well in one (1) or more of the four (4) most recent sampling events, the applicable analysis will be retained for that specific well for subsequent sampling events.

Proposed changes to the analyses for bedrock wells are described below:

- **BGMW07 and BGMW09**: Because there were no pesticide, herbicide, or PCB detections in the last four (4) sampling events, these analyses are proposed for removal.
- **BGMW10**: Because there were no pesticide or PCB detections in the last four (4) sampling events, these analyses are proposed for removal.

The proposed analyses are listed in Table 5-2.

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NMAC 20.4.1.500: Title 20, Environmental Protection; Chapter 4, Hazardous Waste; Part 1, Hazardous Waste Management; 500, Adoption of 40 CFR Part 264. June 14, 2000.

NMAC 20.6.2.3103: Title 20, Environmental Protection; Chapter 6, Water Quality; Part 2 Ground and Surface Water Protection; 3013, Standards for Groundwater of 10,000 mg/L TDS Concentration or Less. December 1, 1995; revised November 15, 1996.

NMAC 20.6.2.7.WW: Title 20, Environmental Protection; Chapter 6, Water Quality; Part 2 Ground and Surface Water Protection; 7, Definitions; WW, Toxic pollutants. January 15, 2001.

FIGURES

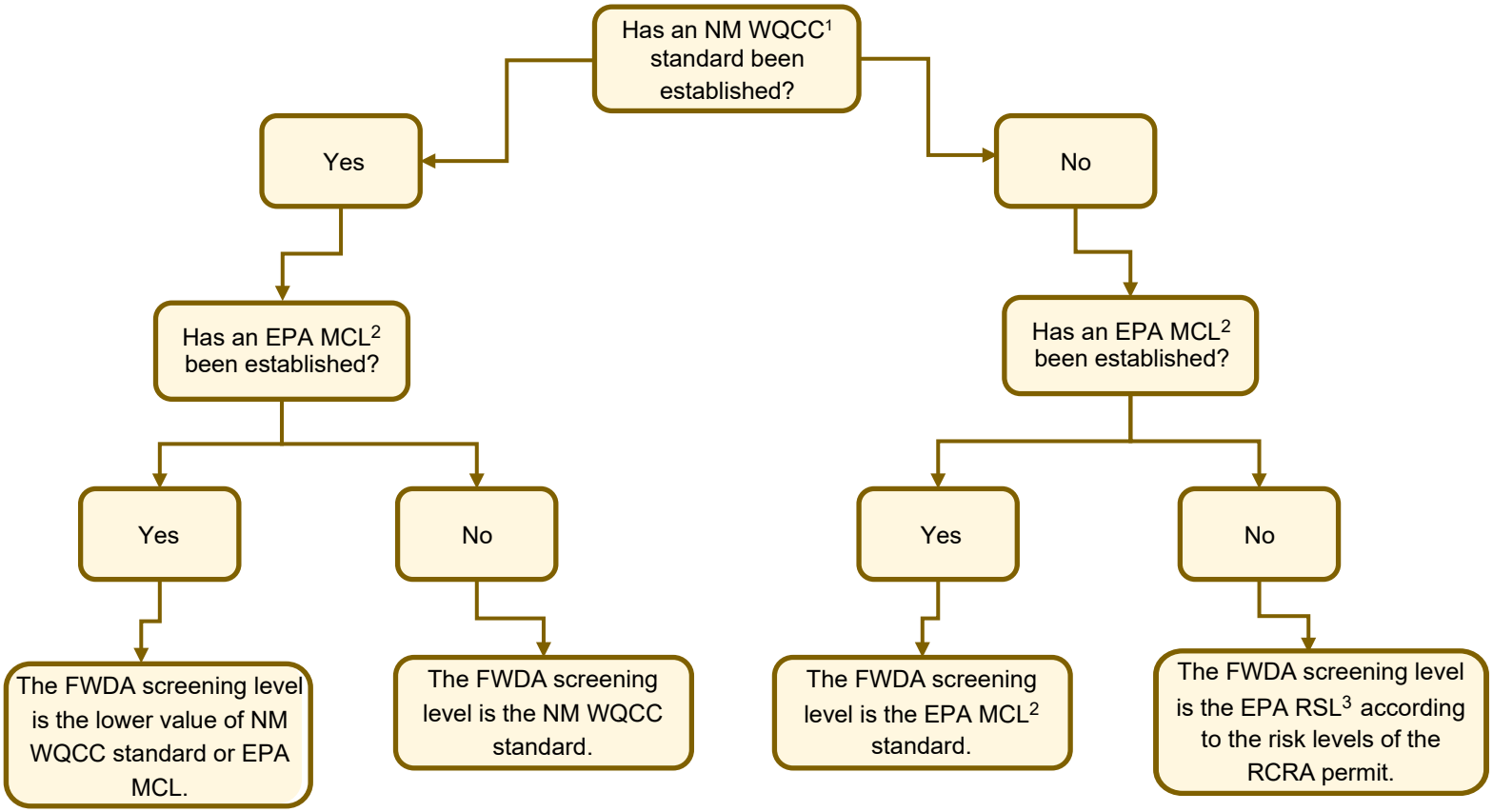


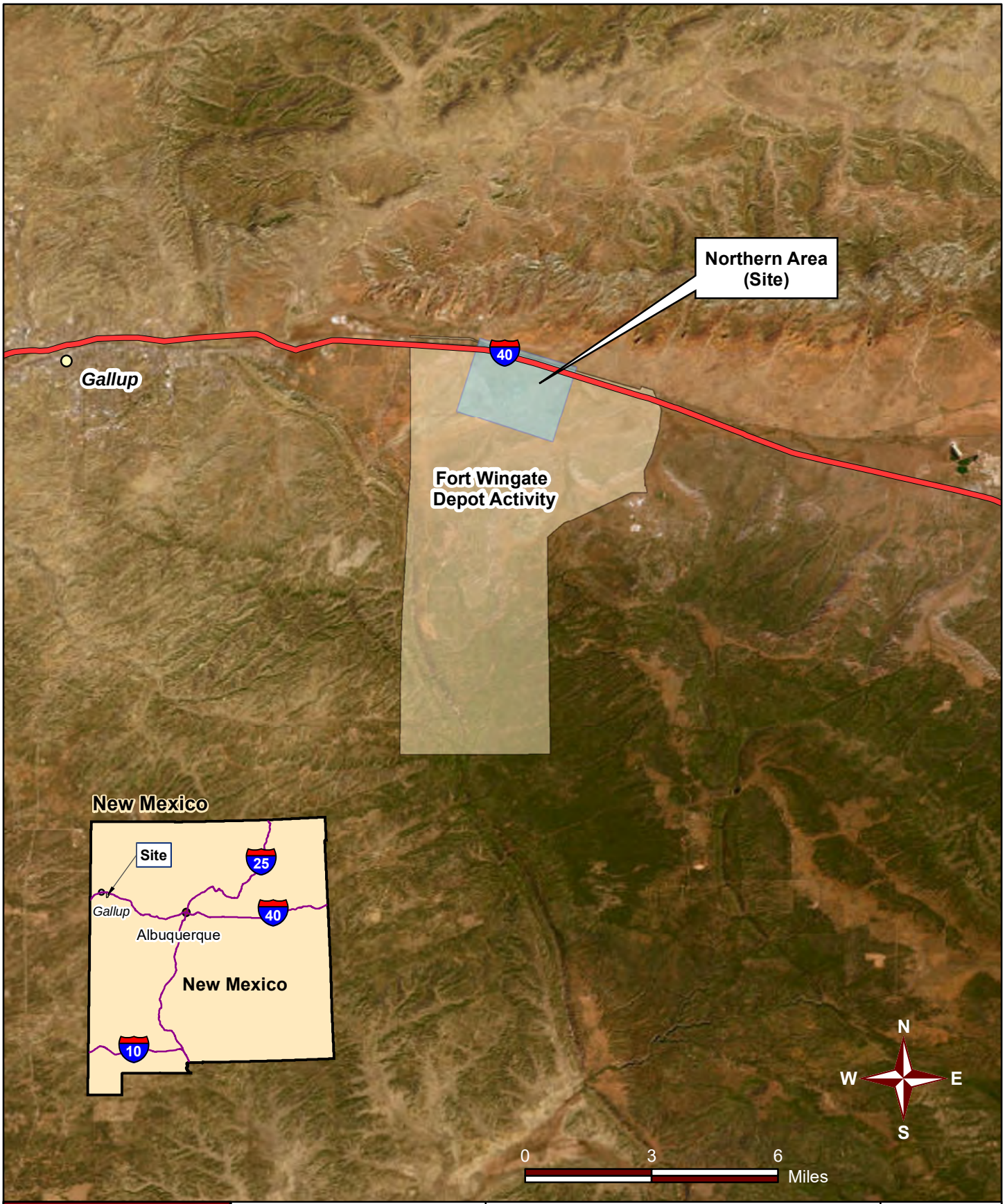
FIGURE 1-1
PROJECT SCREENING VALUE FLOW CHART
Interim Northern Area Groundwater Monitoring Plan
Fort Wingate Depot Activity, McKinley County, New Mexico

NOTES:

[1] New Mexico Water Quality Control Commission (NM WQCC) standards in New Mexico Administrative Code 20.6.2.4103.

[2] U.S. Environmental Protection Agency (EPA) drinking water maximum contaminant level (MCL) under 40 Code of Federal Regulations Parts 141 and 143.

[3] Pending the development and approval of cleanup criteria, the EPA regional screening levels (based on a cancer risk of 10^{-5} and a non-cancer hazard index of 1.0) are used as temporary screening criteria in accordance with the risk criteria of the RCRA permit. The lower of the cancer and non-cancer screening levels will be used. Perchlorate screening levels are selected from the May 2020 EPA MCL.



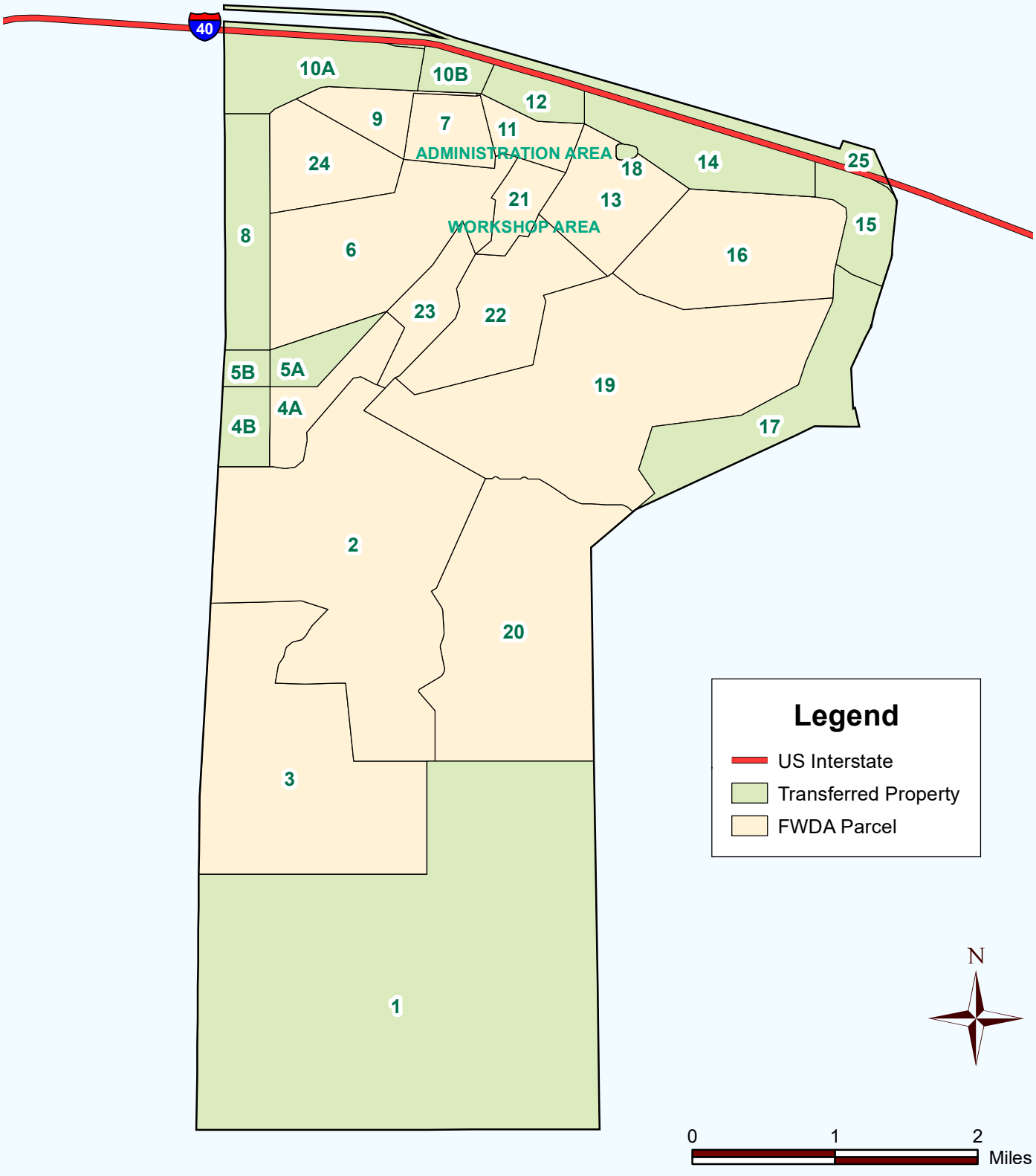
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Santa Ana, CA 92705
Phone: 714.289.0995 Fax: 714.289.0965

SITE LOCATION MAP

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
1-2



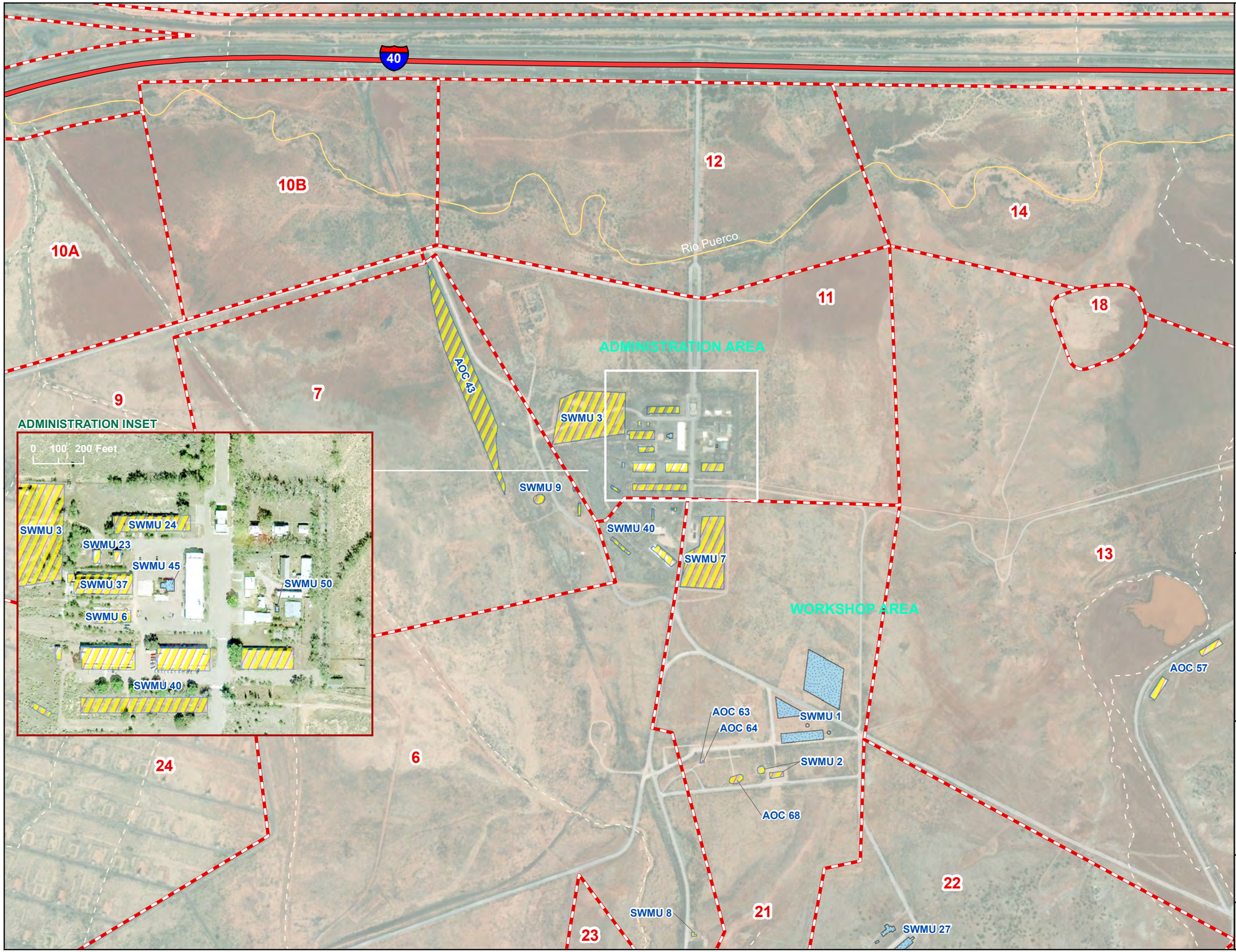
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SITE PARCEL MAP

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
2-1



Legend

- US Interstate
- Rio Puerco
- Arroyo
- Release To Soil
- Release To Groundwater
- Site Parcel
- Site Boundary

N

0 540 1,080 Feet

NOTES & ABBREVIATIONS

1. AOC = Area of Concern
2. SWMU = Solid Waste Management Unit

Northern Area Site Features

2025 Interim Northern Area
Groundwater Monitoring Plan

Fort Wingate Depot Activity
McKinley County, New Mexico

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FIGURE
2-2

Updated on: 10/28/2024

Project No.: Eco-23-809

SEE INSET

FWDA

Rio Puerco

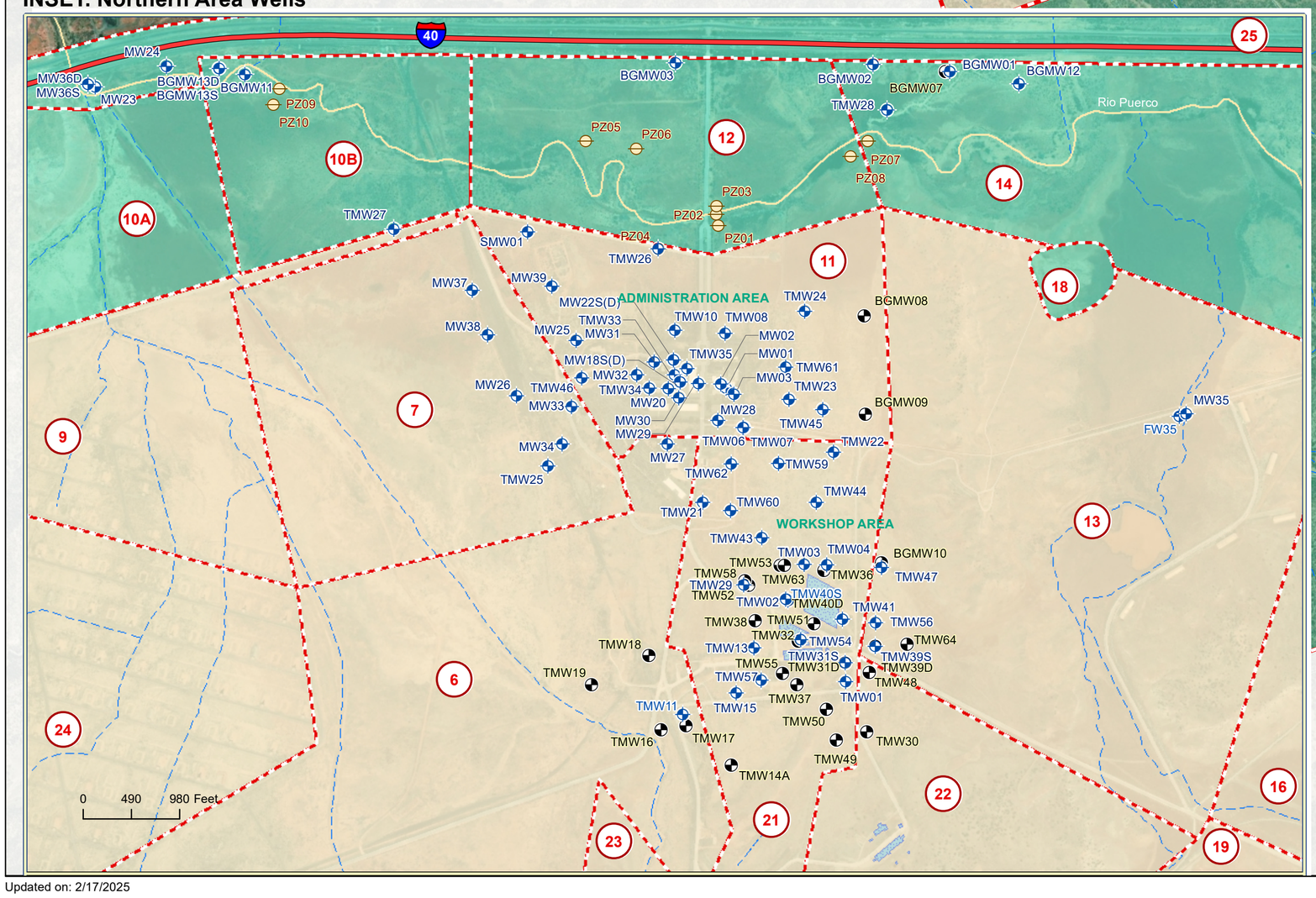
Legend

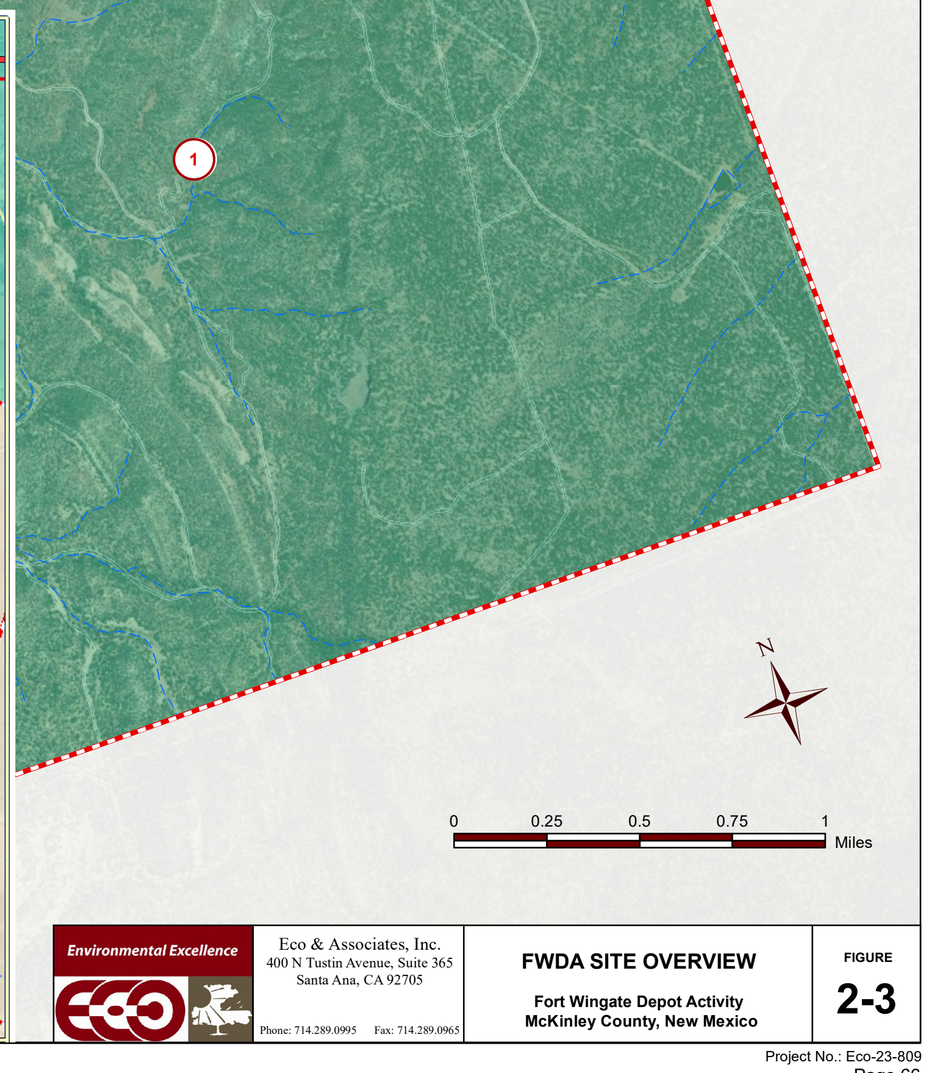
- Parcel Number
- Alluvial Well
- Bedrock Well
- Piezometer
- US Interstate
- Rio Puerco
- Arroyo
- Release To Groundwater
- Transferred Property
- Site Parcel
- Site Boundary

Fort Wingate Area Map



INSET. Northern Area Wells

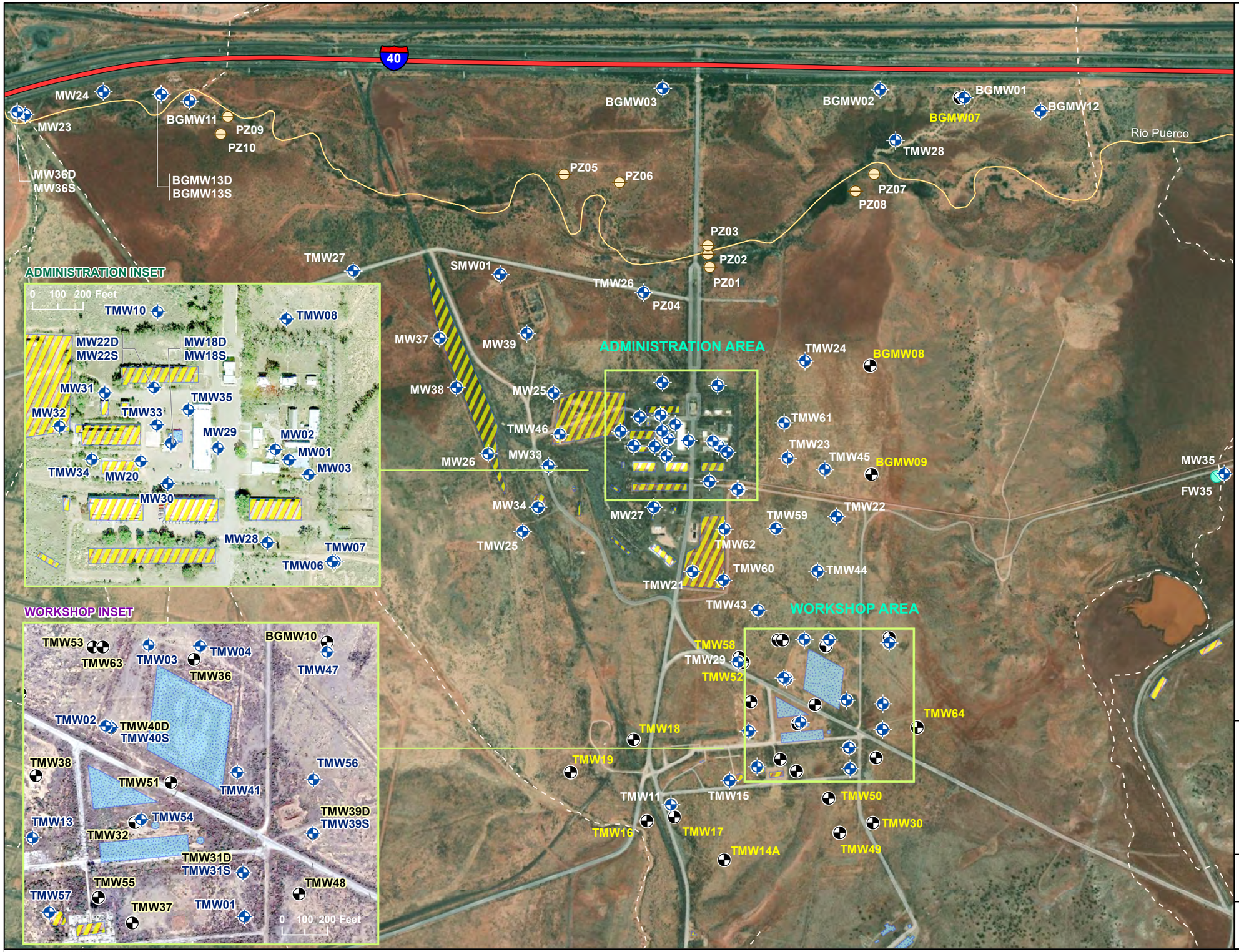




Environmental Excellence	Eco & Associates, Inc. 400 N Tustin Avenue, Suite 365 Santa Ana, CA 92705 Phone: 714.289.0995 Fax: 714.289.0965	**FWDA SITE OVERVIEW** Fort Wingate Depot Activity McKinley County, New Mexico	FIGURE **2-3**

Updated on: 2/17/2025

Project No.: Eco-23-809



Northern Area Site Wells

2025 Interim Northern Area
Groundwater Monitoring Plan

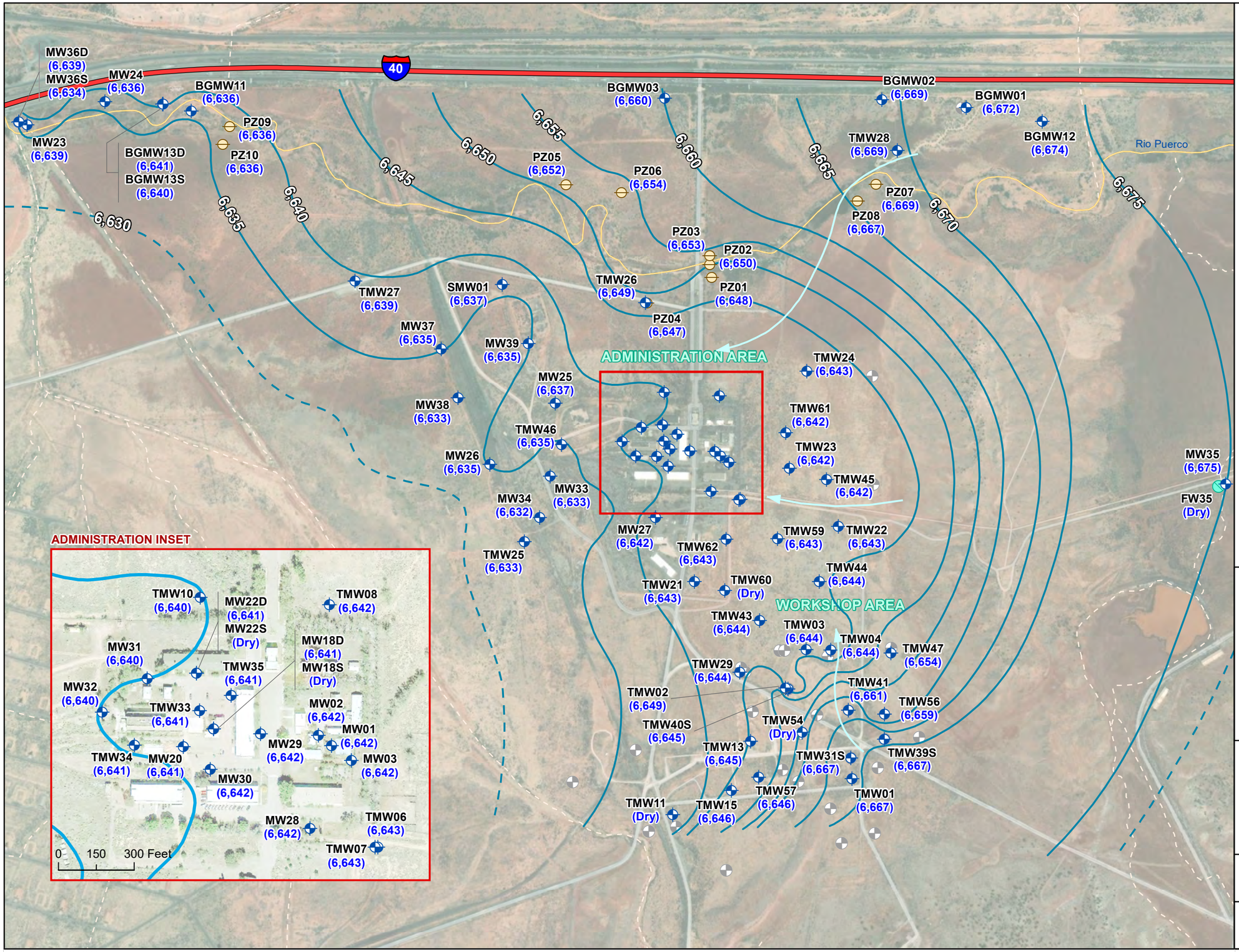
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McKinley County, New Mexico

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FIGURE
2-4

Updated on: 10/28/2024

Project No.: Eco-23-809



NOTES & ABBREVIATIONS

1. *Elevations are given in feet above mean sea level (ft msl) using North America Vertical Datum of 1988 (NAVD88).*
2. *GWE = Groundwater Elevation*
3. *Wells MW18S and MW18D share the same monument, as do wells MW22S and MW22D, MW36S and MW36D, BGMW13S and BGMW13D.*
4. *Map reflects water level measurements collected in September 2023.*

Groundwater Elevations
Alluvial Wells

2025 Interim Northern Area
Groundwater Monitoring Plan

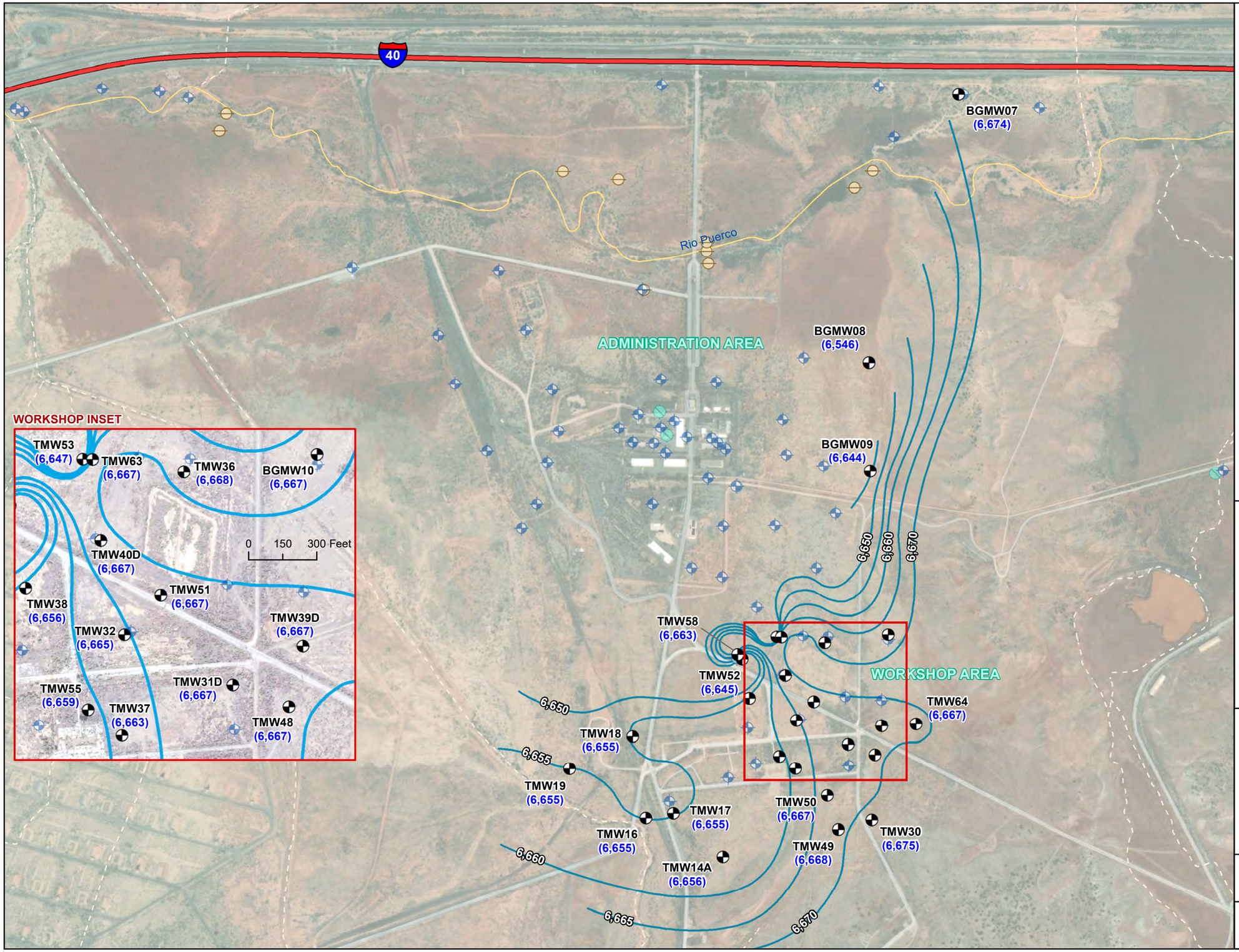
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McKinley County, New Mexico

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FIGURE
3-1

Updated on: 10/28/2024

Project No.: Eco-23-809



Legend

- Alluvial Well
- Dry Well
- Bedrock Well
- Piezometer
- US Interstate
- Arroyo
- Rio Puerco
- GW Elevation (ft msl)
- Site Boundary

N

0 500 1,000 Feet

NOTES & ABBREVIATIONS

1. *Elevations are given in feet above mean sea level (ft msl) using North America Vertical Datum of 1988 (NAVD88).*
2. *GW = Groundwater*
3. *Well BGMW08 was not used for generating contours.*
4. *Map reflects water level measurements collected in September 2023.*

Groundwater Elevations
Bedrock Wells

2025 Interim Northern Area
Groundwater Monitoring Plan

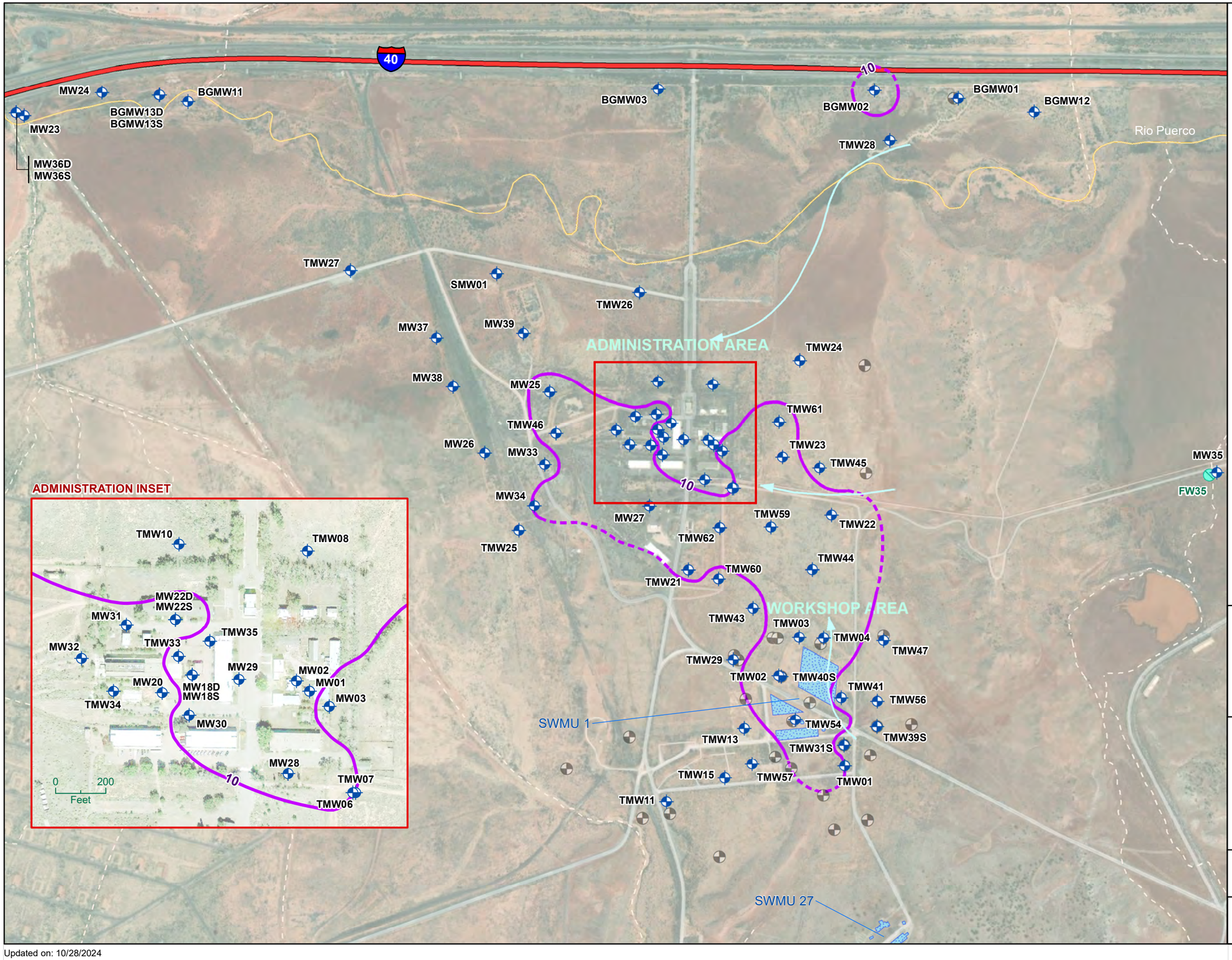
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McKinley County, New Mexico

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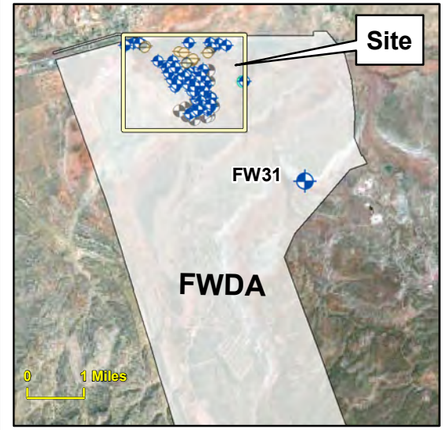
FIGURE
3-2

Updated on: 10/28/2024

Project No.: Eco-23-809



FWDA INSTALLATION



Legend

- Alluvial Well
- Dry Well
- Bedrock Well
- US Interstate
- Arroyo
- Rio Puerco
- Release to GW
- Site Boundary
- GW Flow

Nitrate (10 mg/L):

- *Actual*
- *Inferred*

0 500 1,000 Feet

N

NOTES & ABBREVIATIONS

1. *mg/L = milligrams per liter*
2. *GW = Groundwater*
3. *SWMU = Solid Waste Management Unit*
4. *Map reflects data collected in October 2023.*

Groundwater Monitoring
Alluvial Wells - Nitrate

2025 Interim Northern Area
Groundwater Monitoring Plan

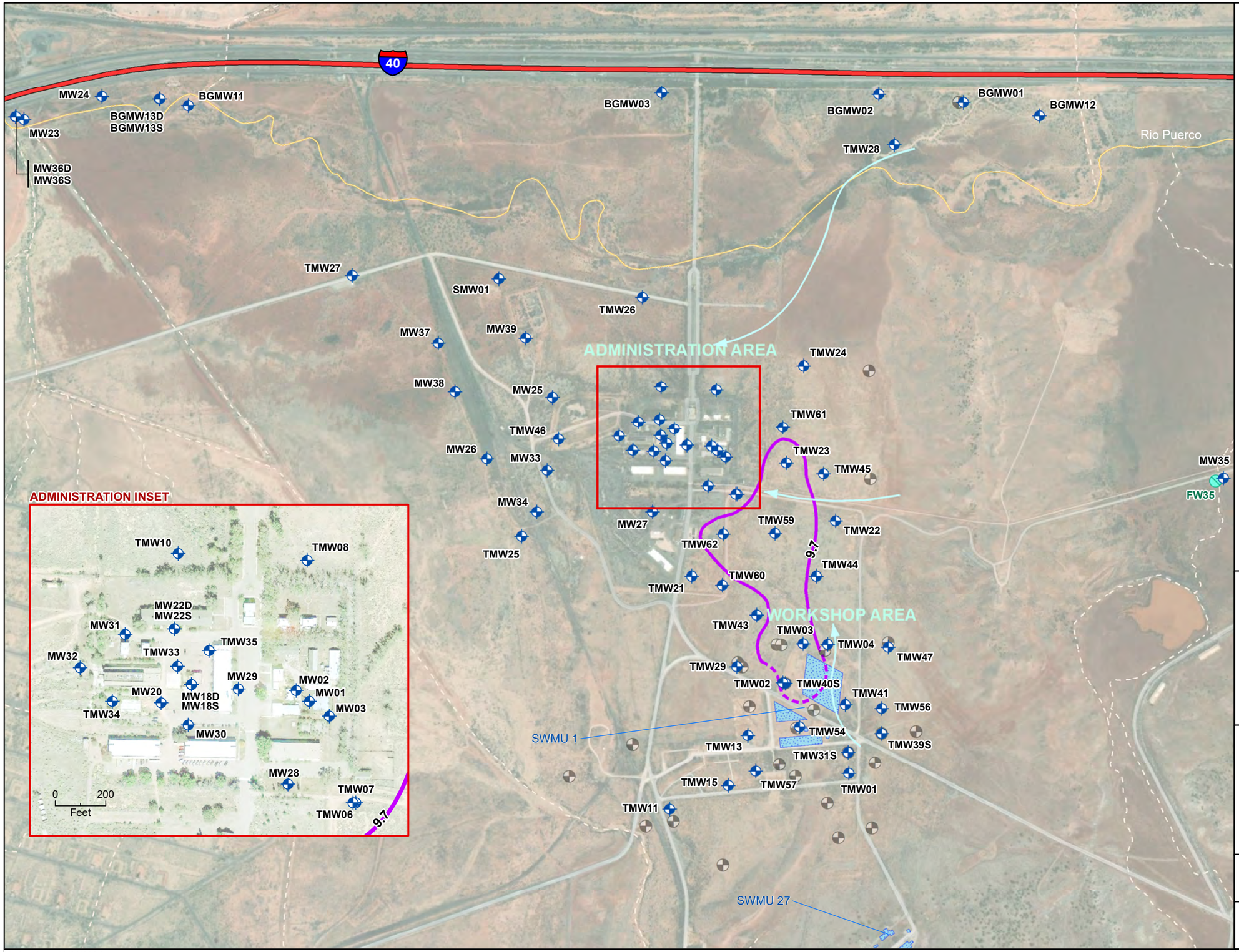
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McKinley County, New Mexico

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FIGURE
3-3

Updated on: 10/28/2024

Project No.: Eco-23-809



NOTES & ABBREVIATIONS

1. *RDX = Hexahydro-1,3,5-trinitro-1,3,5-triazine*
2. *µg/L = micrograms per liter*
3. *GW = Groundwater*
4. *SWMU = Solid Waste Management Unit*
5. *Map reflects data collected in October 2023.*

Groundwater Monitoring
Alluvial Wells - Explosives

2025 Interim Northern Area
Groundwater Monitoring Plan

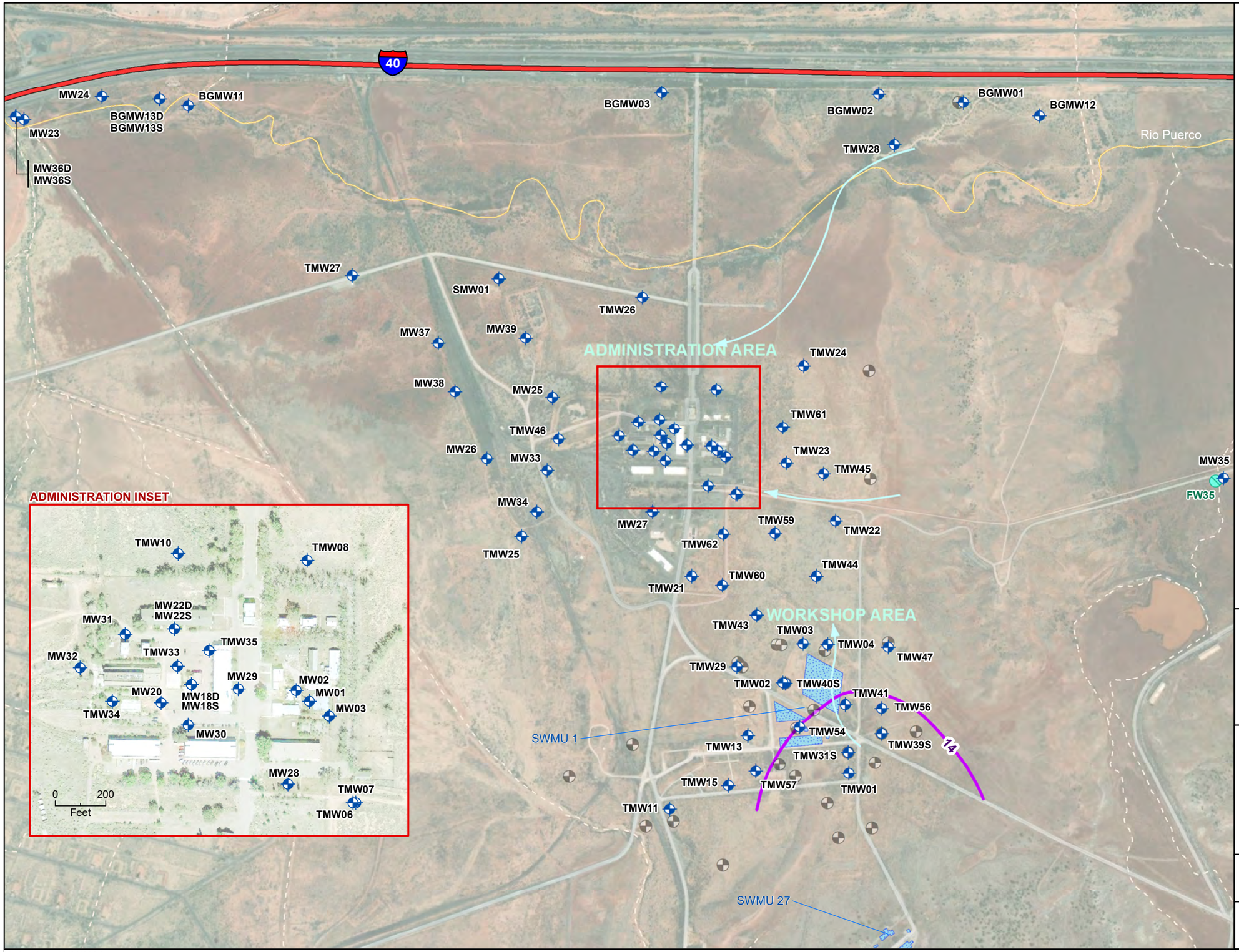
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FIGURE
3-4

Updated on: 10/28/2024

Project No.: Eco-23-809



NOTES & ABBREVIATIONS

1. µg/L = micrograms per liter
2. GW = Groundwater
3. Map reflects data collected in October 2023.

Groundwater Monitoring
Alluvial Wells - Perchlorate

2025 Interim Northern Area
Groundwater Monitoring Plan

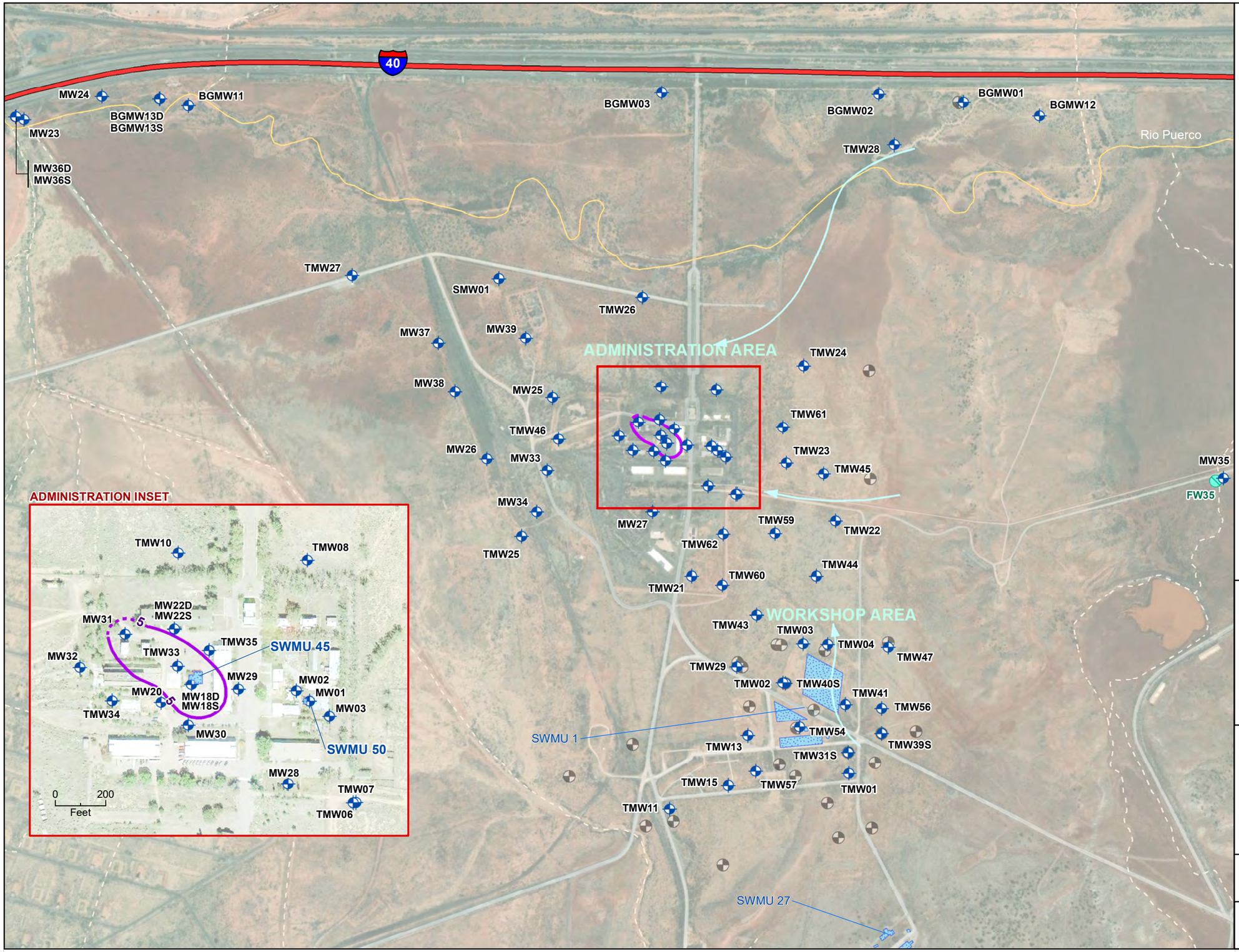
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FIGURE
3-5

Updated on: 10/28/2024

Project No.: Eco-23-809



NOTES & ABBREVIATIONS

1. *1,2-DCA = 1,2-Dichloroethane*
2. *VOCs = Volatile Organic Compounds*
3. *µg/L = micrograms per liter*
4. *GW = Groundwater*
5. *SWMU = Solid Waste Management Unit*
6. *Map reflects data collected in October 2023.*

Groundwater Monitoring
Alluvial Wells - VOCs

2025 Interim Northern Area
Groundwater Monitoring Plan

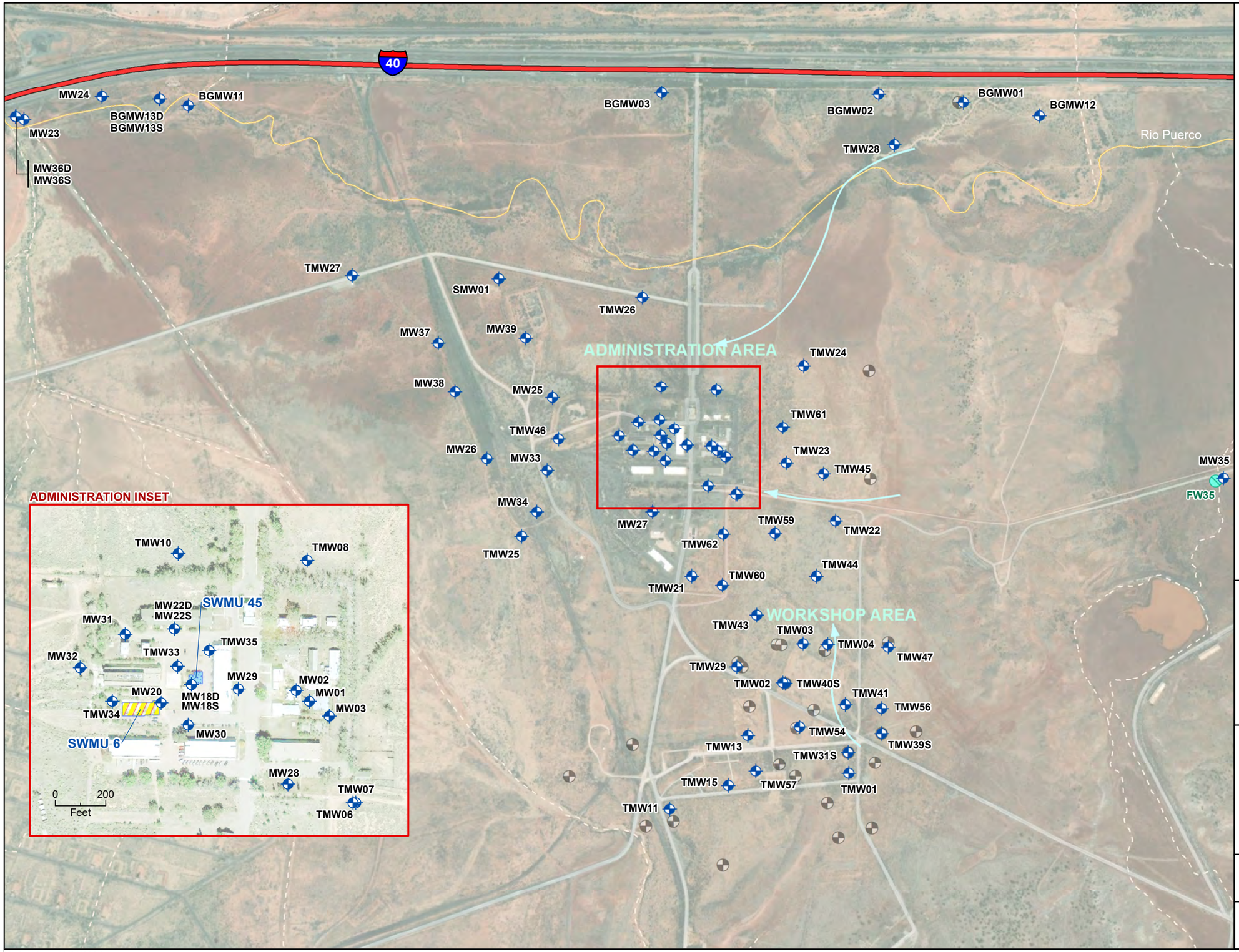
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FIGURE
3-6

Updated on: 10/28/2024

Project No.: Eco-23-809



NOTES & ABBREVIATIONS

1. *SVOCs = Semi-Volatile Organice Compounds*
2. *GW = Groundwater*
3. *SWMU = Solid Waste Management Unit*
4. *No SVOC plume is present in the alluvial aquifer.*
5. *Map reflects alluvial wells sampled in October 2023.*

Groundwater Monitoring
Alluvial Wells - SVOCs

2025 Interim Northern Area
Groundwater Monitoring Plan

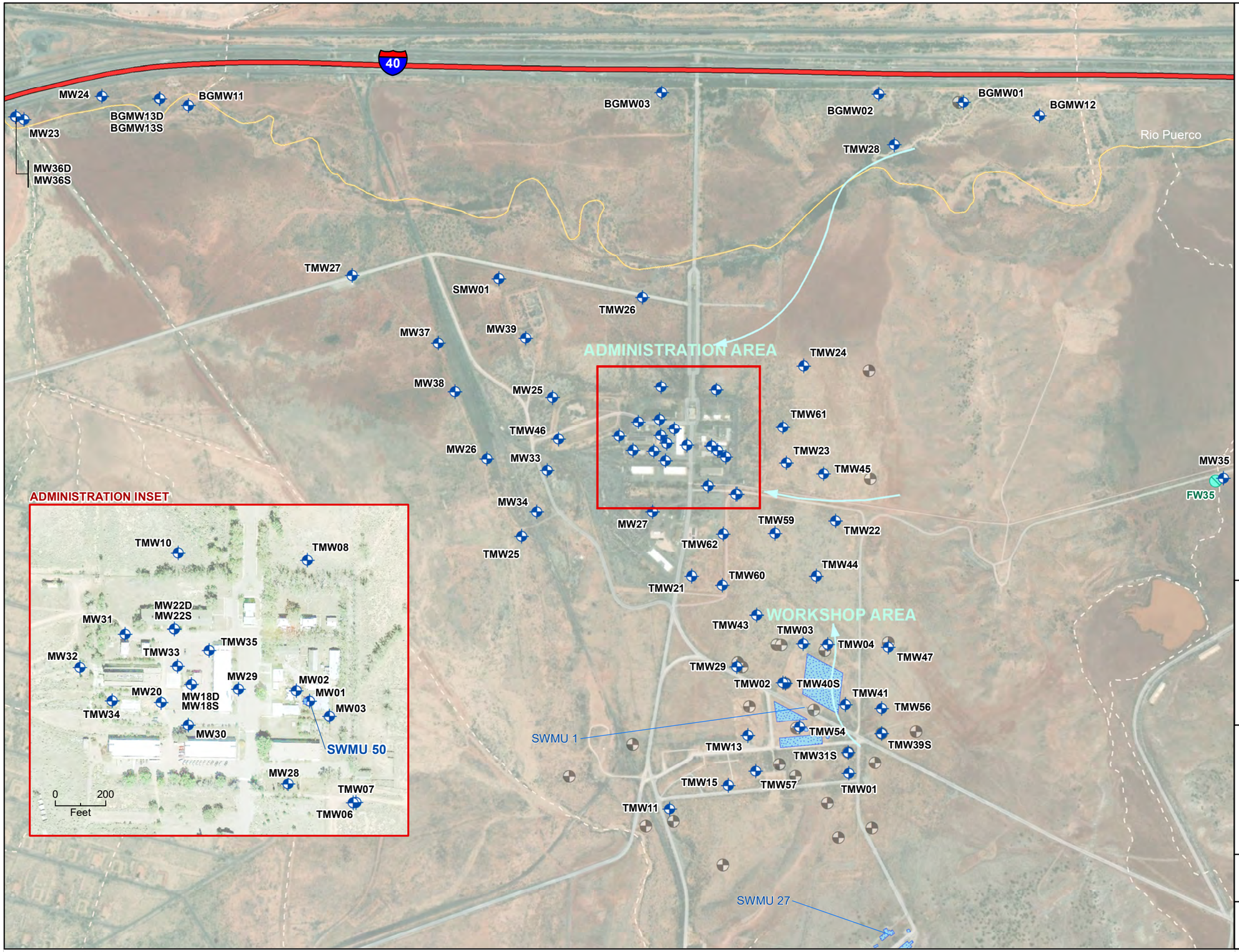
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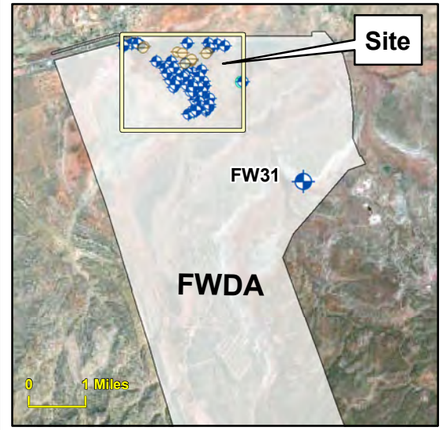
FIGURE
3-7

Updated on: 10/29/2024

Project No.: Eco-23-809



FWDA INSTALLATION



Legend

- Alluvial Well
- Dry Well
- Bedrock Well
- US Interstate
- Arroyo
- Rio Puerco
- GW Flow
- Release to GW
- Site Boundary

0 500 1,000 Feet

N

NOTES & ABBREVIATIONS

1. *GW = Groundwater*
2. *SWMU = Solid Waste Management Unit*
3. *No metals plume is identified in the alluvial aquifer.*
4. *Map reflects alluvial wells sampled for metals in October 2023.*

Groundwater Monitoring
Alluvial Wells - Metals

2025 Interim Northern Area
Groundwater Monitoring Plan

Fort Wingate Depot Activity
McKinley County, New Mexico

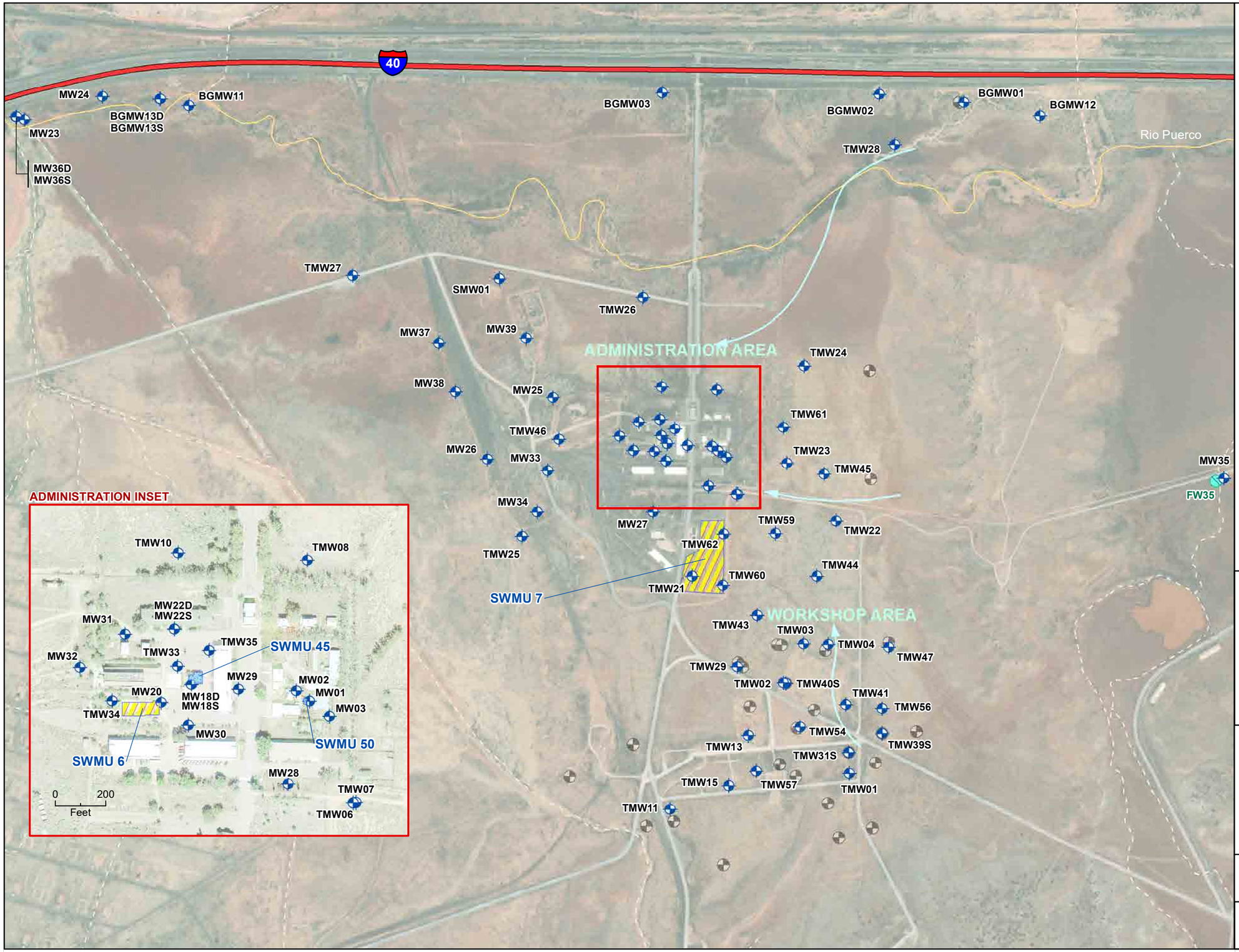
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FIGURE

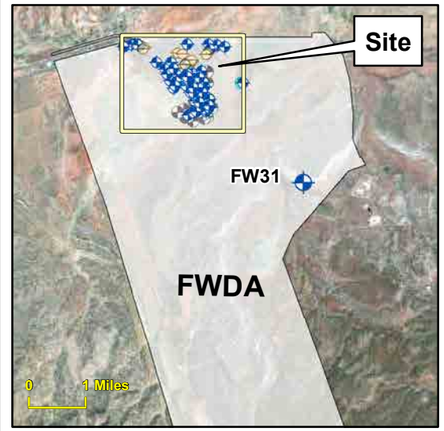
3-8

Updated on: 10/29/2024

Project No.: Eco-23-809



FWDA INSTALLATION



Legend

- Alluvial Well
- Dry Well
- Bedrock Well
- US Interstate
- Arroyo
- Rio Puerco
- GW Flow
- Release to Soil
- Release to GW

SWMU	TPH-GRO	TPH-DRO
SWMU 6		X
SWMU 7		X
SWMU 45	X	X
SWMU 50	X	X

0 500 1,000 Feet

N

NOTES & ABBREVIATIONS

1. *TPH-GRO = Total Petroleum Hydrocarbons Gas Range Organics*
2. *TPH-DRO = Total Petroleum Hydrocarbons Diesel Range Organics*
3. *GW = Groundwater*
4. *SWMU = Solid Waste Management Unit*
5. *TPH-GRO and TPH-DRO are not contoured.*
6. *Map reflects alluvial wells sampled in October 2023.*

Groundwater Monitoring
Alluvial Wells - TPH-GRO and TPH-DRO

2025 Interim Northern Area
Groundwater Monitoring Plan

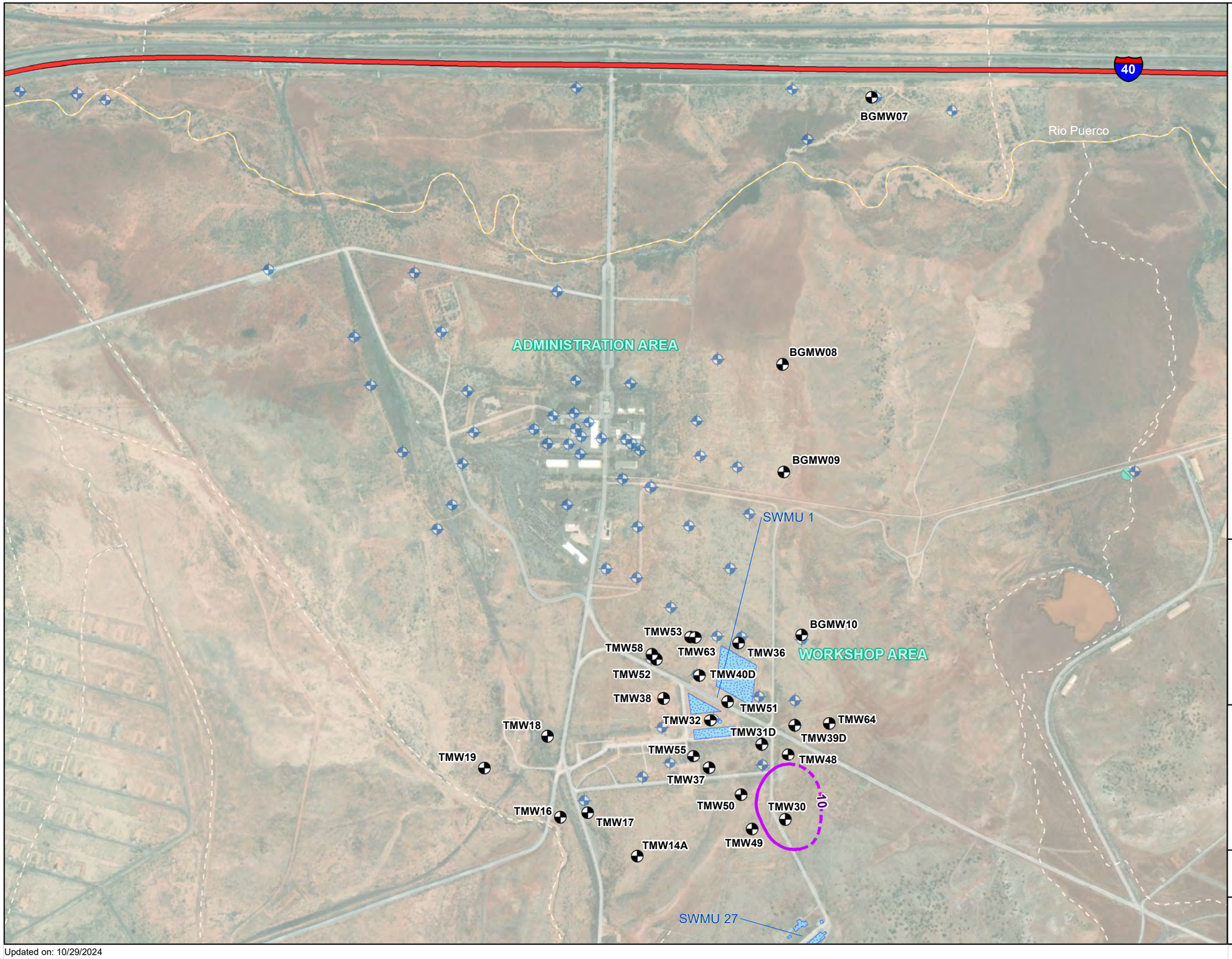
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FIGURE
3-9

Updated on: 2/18/2025

Project No.: Eco-23-809



Legend

- Bedrock Well
- Alluvial Well
- Dry Well
- US Interstate
- Release to Groundwater
- Site Boundary
- Rio Puerco
- Arroyo

Nitrate (10 mg/L):

- *Actual*
- *Inferred*

N

0 500 1,000 Feet

NOTES & ABBREVIATIONS

1. *mg/L = milligrams per liter*
2. *SWMU = Solid Waste Management Unit*
3. *No metals plume is identified in the bedrock aquifer.*
4. *No explosives plume is present in the bedrock aquifer*
5. *Map reflects data collected in October 2023.*

Groundwater Monitoring
Bedrock Wells - Nitrate, Explosives, Metals

2025 Interim Northern Area
Groundwater Monitoring Plan

Fort Wingate Depot Activity
McKinley County, New Mexico

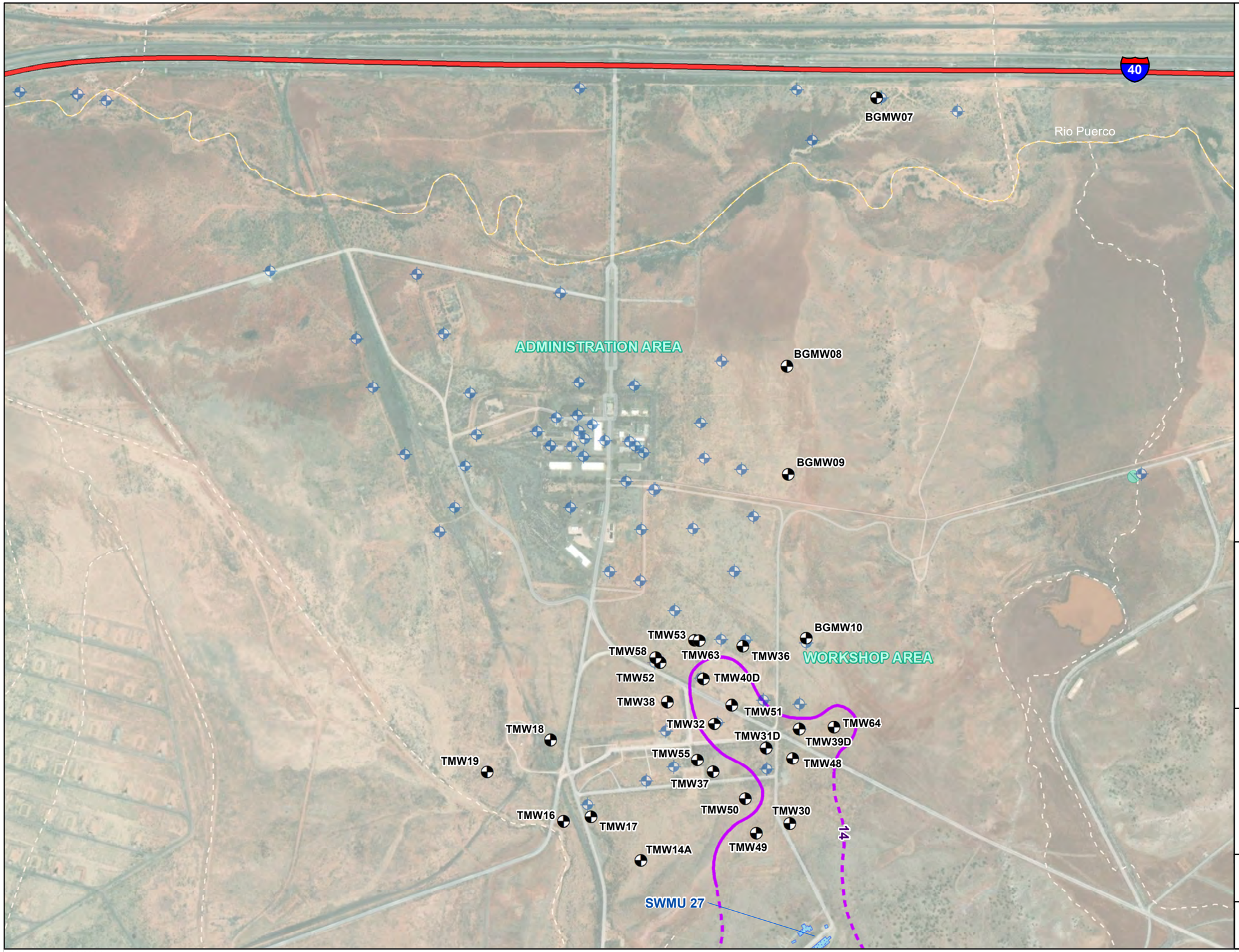
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FIGURE

3-10

Updated on: 10/29/2024

Project No.: Eco-23-809



Legend

- Bedrock Well
- Alluvial Well
- Dry Well
- US Interstate
- Release to Groundwater
- Site Boundary
- Rio Puerco
- Arroyo

Perchlorate (14 µg/L):

- *Actual*
- *Inferred*

N

0 500 1,000 Feet

NOTES & ABBREVIATIONS

1. *µg/L = micrograms per liter*
2. *SWMU = Solid Waste Management Unit*
3. *Map reflects data collected in October 2023.*

Groundwater Monitoring
Bedrock Wells - Perchlorate

2025 Interim Northern Area
Groundwater Monitoring Plan

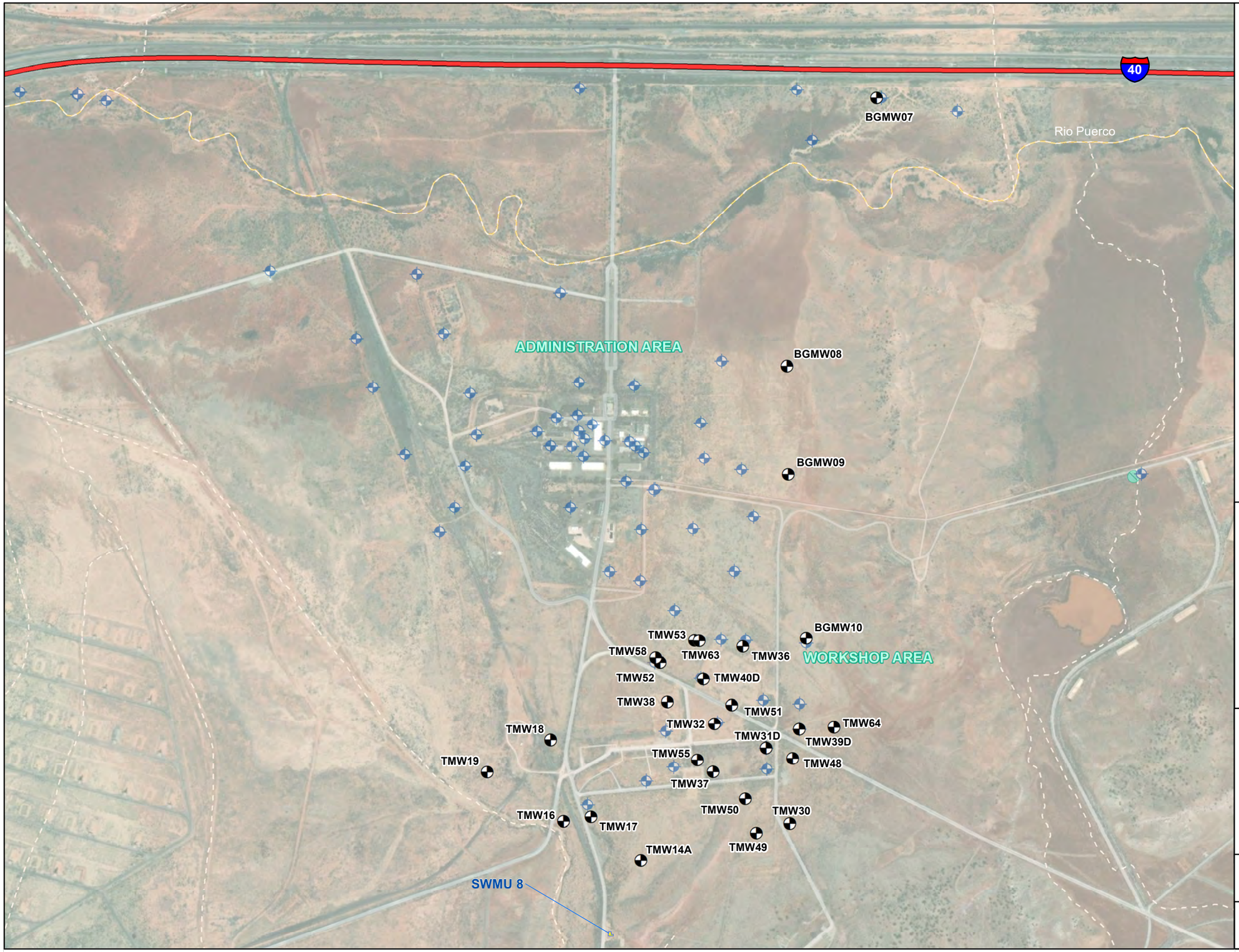
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McKinley County, New Mexico

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FIGURE
3-11

Updated on: 10/29/2024

Project No.: Eco-23-809



Legend

- Bedrock Well
- Alluvial Well
- Dry Well
- US Interstate
- Release to Soil
- Site Boundary
- Rio Puerco
- Arroyo

N

0 500 1,000 Feet

NOTES & ABBREVIATIONS

1. *SVOCs = Semi-Volatile Organic Compounds*
2. *SWMU = Solid Waste Management Unit*
3. *No SVOC plume is present in the bedrock aquifer.*
4. *Map reflects bedrock wells sampled for SVOCs in October 2023.*

Groundwater Monitoring
Bedrock Wells - SVOCs

2025 Interim Northern Area
Groundwater Monitoring Plan

Fort Wingate Depot Activity
McKinley County, New Mexico

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FIGURE
3-12

Updated on: 10/29/2024

Project No.: Eco-23-809

TABLES

TABLE 2-1: NORTHERN AREA GROUNDWATER WELL CONSTRUCTION DETAILS

2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN

Fort Wingate Depot Activity, New Mexico

Well ID	FWDA Parcel	Date Installed	Drilling Method	PREVIOUS SURVEY DATA (OLD)				OCT. 2019 SURVEY DATA (NEW)				Well Depth (ft bgs)	Boring Diameter (in)	Casing Diameter (in)	Casing/ Screen Type	Screen Length (ft)	Screened Interval (ft bgs)	Screened Interval (ft amsl)	Status	Low-Flow Purging/Sampling? [d]	Screened Formation	Description
				NORTHING[a]	EASTING[a]	GROUND ELEVATION (ft amsl)[b]	POINT ELEVATION (ft amsl)[b]	NORTHING[a]	EASTING[a]	GROUND ELEVATION (ft amsl)[b]	POINT ELEVATION (ft amsl)[b]											
BGMW01	14	02/06/2012	HSA	1,645,977.85	2,501,983.61	6,690.28	6,692.68	1,645,977.80	2,501,983.54	6,690.82	6,693.23	33	8	2.5	PVC	20.0	12.5 – 32.5	6,678.32 – 6,658.32	Active	Yes	Alluvium	Sandy Silt
BGMW02	14	02/09/2012	HSA	1,646,314.67	2,501,276.54	6,689.20	6,691.99	1,646,314.79	2,501,276.51	6,689.73	6,692.57	34	8	2.5	PVC	20.0	13.5 – 33.5	6,676.23 – 6,656.23	Active	Yes	Alluvium	Silt/Sand/Clay
BGMW03	12	02/05/2012	HSA	1,647,012.12	2,499,392.83	6,677.79	6,680.57	1,647,015.35	2,499,394.46	6,676.63	6,679.39	29	8	2.5	PVC	20.0	8.5 – 28.5	6,668.13 – 6,648.13	Active	No (portable submersible pump)	Alluvium	Clay
BGMW07	14	03/22/2018	Sonic	1,645,991.80	2,501,943.17	6,691.63	6,691.63	1,645,985.40	2,501,940.79	6,689.77	6,692.03	300	8	2	PVC	40.0	215 – 255	6,474.77 – 6,434.77	Active	No (portable submersible pump)	Bedrock	Silt/Sand/Clay
BGMW08	11	03/23/2018	Sonic	1,643,942.73	2,500,318.10	6,685.02	6,685.02	1,643,937.41	2,500,318.25	6,681.72	6,683.42	275	8	2	PVC	20.0	165 – 185	6,516.72 – 6,496.72	Active	No (portable submersible pump)	Bedrock	Silt/Sand/Clay
BGMW09	11	03/24/2018	Sonic	1,642,995.48	2,499,987.66	6,692.27	6,692.27	1,642,989.21	2,499,987.69	6,689.83	6,692.01	220	8	2	PVC	30.0	106 – 136	6,583.83 – 6,553.83	Active	No (portable submersible pump)	Bedrock	Silt/Sand/Clay
BGMW10	13	03/25/2018	Sonic	1,641,517.67	2,499,626.14	6,701.49	6,701.49	1,641,512.13	2,499,625.34	6,699.50	6,701.83	150	8	2	PVC	30.0	106 – 136	6,593.50 – 6,563.50	Active	No (portable submersible pump)	Bedrock	Silt/Sand/Clay
BGMW11	10	07/23/2019	Sonic	–	–	–	–	1,648,394.59	2,495,240.70	6,653.27	6,655.56	40	6	2	PVC	20.0	20 – 40	6,633.27 – 6,613.27	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
BGMW12	10	07/23/2019	Sonic	–	–	–	–	1,645,620.83	2,502,603.45	6,692.40	6,695.21	32	6	2	PVC	20.0	12 – 32	6,680.40 – 6,660.40	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
BGMW13S	10	09/14/2019	HSA	–	–	–	–	1,648,541.90	2,495,015.20	6,659.05	6,661.97	69	8	2	PVC	20.0	49 – 69	6,610.05 – 6,590.05	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
BGMW13D	10	09/12/2019	Sonic	–	–	–	–	1,648,543.12	2,495,010.21	6,659.08	6,661.83	104	6	2	PVC	20.0	84 – 104	6,575.08 – 6,555.08	Active	No (portable submersible pump)	Alluvium	Sand/Clay/Gravelly Sand
EMW01	18	07/14/2004	HSA	1,643,655.61	2,502,045.53	6,716.06	6,718.38	–	–	–	–	120.7	7.8	2	PVC	15.0	105 – 120	6,611.06 – 6,596.06	**Abandoned**	NA	Abandoned	Siltstone/Claystone
EMW02	18	07/19/2004	HSA/AR	1,643,391.22	2,502,476.99	6,699.94	6,702.49	–	–	–	–	120	6	2	PVC	15.0	93 – 108	6,606.94 – 6,591.94	**Abandoned**	NA	Abandoned	Siltstone/Claystone
EMW03	18	07/21/2004	HSA/AR	1,643,687.88	2,502,800.30	6,698.63	6,701.09	–	–	–	–	100	6	2	PVC	15.0	78 – 93	6,620.63 – 6,605.63	**Abandoned**	NA	Abandoned	Siltstone
EMW04	18	07/23/2004	HSA/AR	1,643,815.18	2,502,419.30	6,705.68	6,708.30	–	–	–	–	120	6	2	PVC	15.0	100 – 115	6,605.68 – 6,590.68	**Abandoned**	NA	Abandoned	Claystone
FW07	21	11/22/1980	HSA	1,640,839.18	2,498,075.06	6,713.00	6,714.90	–	–	–	–	30.5	8	4	PVC	20.5	10 – 31	6,703.00 – 6,682.50	**Abandoned**	NA	Alluvium	Silty Sand
FW08	21	11/21/1980	HSA/AR	1,640,572.50	2,498,132.47	6,713.00	6,714.90	–	–	–	–	51	8	4	PVC	40.0	9 – 49	6,704.00 – 6,664.00	**Abandoned**	NA	Alluvium	Silty Sand/Sand/Clay
FW10	21	11/20/1980	HSA	1,640,848.95	2,498,936.89	6,706.76	6,708.38	–	–	–	–	51.5	10	4	PVC	40.0	9 – 49	6,697.76 – 6,657.76	**Abandoned**	NA	Alluvium	Silty Sand/Silty Clay
FW11	21	11/21/1980	HSA	1,641,334.02	2,499,124.16	6,701.20	6,703.50	–	–	–	–	28	8	4	PVC	20.0	8 – 28	6,693.20 – 6,673.20	**Abandoned**	NA	Alluvium	Clayey Sand
FW12	21	11/22/1980	HSA	1,641,609.82	2,499,038.13	6,700.00	6,702.00	–	–	–	–	29	8	4	PVC	20.0	9 – 29	6,691.00 – 6,671.00	**Abandoned**	NA	Alluvium	Clayey Sand
FW13	21	11/22/1980	HSA	1,641,688.39	2,498,830.01	6,701.20	6,702.30	–	–	–	–	30.5	8	4	PVC	20.0	10.5 – 30.5	6,690.70 – 6,670.70	**Abandoned**	NA	Alluvium	Clay
FW26	7	11/19/1980	HSA	1,643,853.34	2,497,067.39	6,672.20	6,674.40	–	–	–	–	31	8	4	PVC	20.0	11 – 31	6,661.20 – 6,641.20	**Abandoned**	NA	Alluvium	Silt/Sand/Clay
FW27	9	11/17/1980	HSA	1,646,461.42	2,494,395.93	6,657.75	6,656.49	–	–	–	–	32	8	4	PVC	20.0	10 – 30	6,647.75 – 6,627.75	**Abandoned**	NA	Alluvium	Silty Sand/Silty Clay/Clay
FW28	9	11/18/1980	HSA	1,646,584.14	2,493,050.57	6,656.53	6,657.50	–	–	–	–	33	8	4	PVC	23.0	10 – 33	6,646.53 – 6,623.53	**Abandoned**	NA	Alluvium	Silt/Clay
FW29	11	11/16/1980	HSA	1,645,804.02	2,497,681.98	6,669.17	6,670.96	–	–	–	–	32	8	4	PVC	20.0	10 – 30	6,659.17 – 6,639.17	**Abandoned**	NA	Alluvium	Gravel/Clay
FW31	19	11/19/1980	HSA	1,631,192.98	2,505,201.31	6,830.72	6,832.49	1,631,192.71	2,505,201.84	6,830.96	6,832.70	50	8	4	PVC	40.0	10 – 50	6,820.96 – 6,780.96	Active	No (portable submersible pump)	Alluvium	Clay
FW35	13	11/15/1980	HSA	1,641,888.44	2,503,025.94	6,709.17	6,711.11	1,641,888.76	2,503,025.75	6,709.13	6,711.31	30	8	4	PVC	20.0	10 – 30	6,699.13 – 6,679.13	Active	No (portable submersible pump)	Alluvium	Clay
MW01	11	11/22/1996	HSA	1,643,726.78	2,498,748.62	6,686.03	6,685.94	1,643,726.81	2,498,748.48	6,686.98	6,686.79	55	10.5	2	PVC	20.0	33.6 – 53.6	6,653.38 – 6,633.38	Active	No (hand bail)	Alluvium	Sand/Silty Clay
MW02	11	11/25/1996	HSA	1,643,783.35	2,498,712.23	6,685.78	6,685.22	1,643,783.24	2,498,712.23	6,685.60	6,685.13	48	10.5	2	PVC	10.0	37 – 47	6,648.60 – 6,638.60	Active	No (hand bail)	Alluvium	Clayey Sand/Clay
MW03	11	11/26/1996	HSA	1,643,644.43	2,498,801.96	6,687.50	6,689.53	1,643,644.51	2,498,801.86	6,687.81	6,690.26	53	10.5	2	PVC	10.0	43 – 53	6,644.81 – 6,634.81	Active	Yes	Alluvium	Silty Sand/Clay
MW18S	11	11/01/1994	HSA	1,643,948.08	2,498,331.62	6,684.67	6,686.61	1,643,948.10	2,498,331.51	6,685.30	6,687.26	39	8	2	PVC	10.0	27 – 37	6,658.30 – 6,648.30	Active	NA (well is consistently dry)	Alluvium	NA
MW18D	11	11/01/1994	HSA	1,643,947.99	2,498,331.32	6,684.94	6,686.32	1,643,947.87	2,498,331.42	6,685.30	6,687.11	59.9	8	2	PVC	10.0	47 – 57	6,638.30 – 6,628.30	Active	Yes	Alluvium	NA
MW20	11	11/01/1994	HSA	1,643,922.12	2,498,193.80	6,685.34	6,687.67	1,643,922.23	2,498,193.78	6,685.84	6,688.35	59.4	8	2	PVC	10.0	47 – 57	6,638.84 – 6,628.84	Active	Yes	Alluvium	NA
MW22S	11	11/01/1994	HSA	1,644,178.59	2,498,343.06	6,682.69	6,684.69	1,644,178.49	2,498,343.07	6,683.28	6,685.33	43.5	8	2	PVC	10.0	31 – 41	6,652.28 – 6,642.28	Active	NA (well is consistently dry)	Alluvium	NA
MW22D	11	11/01/1994	HSA	1,644,178.39	2,498,343.15	6,682.69	6,684.55	1,644,178.41	2,498,343.14	6,683.28	6,685.34	58.6	8	2	PVC	10.0	47 – 57	6,636.28 – 6,626.28	Active	Yes	Alluvium	NA
MW23	25	06/30/2011	HSA	1,648,792.02	2,493,767.75	6,652.46	6,654.50	1,648,790.51	2,493,766.00	6,652.99	6,655.09	134	8	2.5	PVC	70.0	63.5 – 133.5	6,589.49 – 6,519.49	Active	No (portable submersible pump)	Alluvium	Sand/Clay
MW24	25	07/02/2011	HSA	1,648,746.52	2,494,518.24	6,655.09	6,657.08	1,648,745.01	2,494,516.22	6,655.72	6,657.57	66.5	8	2.5	PVC	50.0	16 – 66	6,639.72 – 6,589.72	Active	No (dedicated high-flow pump)	Alluvium	Sand/Clay
MW25	11	09/10/2019	HSA	–	–	–	–	1,644,706.19	2,497,481.54	6,676.18	6,679.05	65.5	8	2	PVC	20.0	45.5 – 65.5	6,630.68 – 6,610.68	Active	No (portable submersible pump)	Alluvium	Silty Sand/Clayey Sand
MW26	7	09/11/2019	HSA	–	–	–	–	1,644,381.65	2,496,720.38	6,670.96	6,673.93	60	8	2	PVC	20.0	40 – 60	6,630.96 – 6,610.96	Active	No (portable submersible pump)	Alluvium	Silty Clay/Clay
MW27	6	07/15/2019	Sonic	–	–	–	–	1,643,397.69	2,497,991.57	6,690.94	6,693.40	63	6	2	PVC	20.0	43 – 63	6,647.94 – 6,627.94	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
MW28	11	07/14/2019	Sonc	–	–	–	–	1,643,447.37	2,498,556.11	6,689.51	6,692.17	60	6	2	PVC	20.0	40 – 60	6,649.51 – 6,629.51	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
MW29	11	07/08/2019	Sonic	–	–	–	–	1,643,867.32	2,498,500.48	6,684.49	6,687.14	57	6	2	PVC	20.0	37 – 57	6,647.49 – 6,627.49	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
MW30	11	07/11/2019	Sonic	–	–	–	–	1,643,801.66	2,498,264.94	6,686.83	6,689.57	60	6	2	PVC	20.0	40 – 60	6,646.83 – 6,626.83	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
MW31	11	07/12/2019	Sonic	–	–	–	–	1,644,225.28	2,498,152.69	6,681.76	6,684.45	56	6	2	PVC	20.0	36 – 56	6,645.76 – 6,625.76	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
MW32	11	07/13/2019	Sonic	–	–	–	–	1,644,161.49	2,497,939.74	6,684.84	6,687.37	60	6	2	PVC	20.0	40 – 60	6,644.84 – 6,624.84	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
MW33	7	09/12/2019	HSA	–	–	–	–	1,644,089.19	2,497,207.31	6,675.98	6,679.00	57	8	2	PVC	20.0	37 – 57	6,638.98 – 6,618.98	Active	No (portable submersible pump)	Alluvium	Clay
MW34	7	09/13/2019	HSA	–	–	–	–	1,643,763.23	2,496,986.41	6,672.91	6,675.80	60	8	2	PVC	20.0	40 – 60	6,632.91 – 6,612.91	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
MW35	13	07/16/2019	Sonic	–	–	–	–	1,641,887.83	2,503,055.82	6,708.96	6,711.38	61	6	2	PVC	20.0	41 – 61	6,667.96 – 6,647.96	Active	No (portable submersible pump)	Alluvium	Clay/Silty Clay
MW36S	10	09/18/2019	Sonic	–	–	–	–	1,648,841.60	2,493,708.06	6,653.54	6,656.31	50	6	2	PVC	20.0	30 – 50	6,623.54 – 6,603.54	Active	No (portable submersible pump)	Alluvium	Clay/Sandy Clay
MW36D	10	09/16/2019	Sonic	–	–	–	–	1,648,842.22	2,493,703.47	6,653.48	6,656.23	75	6	2	PVC	20.0	55 – 75	6,598.48 – 6,578.48	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
MW37	7	08/18/2020	HSA	1,645,540.92	2,496,663.06	6,663.34	6,666.02	1,645,540.92	2,496,663.06	6,663.34	6,666.02	45	10	2	PVC	20.0	25 – 45	6,638.34 – 6,618.34	Active	No (portable submersible pump)	Alluvium	Silty Clay/Sandy Clay
MW38	7	08/18/2020	HSA	1,645,062.25	2,496,653.35	6,665.48	6,667.91	1,645,062.25	2,496,653.35	6,665.48	6,667.91	50	10	2	PVC	20.0	30 – 50	6,635.48 – 6,615.48	Active	No (portable submersible pump)	Alluvium	Silty Clay/Sandy Clay
MW39	7	08/20/2020	HSA	1,645,308.17	2,497,437.13	6,670.64	6,673.24	1,645,308.17	2,497,437.13	6,670.64	6,673.24	50	10	2	PVC	20.0	30 – 50	6,640.64 – 6,620.64	Active	No (portable submersible pump)	Alluvium	Silty Clay/Sandy Clay
SMW01	11	07/29/1996	HSA	1,645,908.54	2,497,392.99	6,668.41	6,669.94	1,645,906.77	2,497,393.13	6,668.68	6,670.05	50.2	8	2	PVC	20.0	29.9 – 49.9	6,638.78 – 6,618.78	Active	Yes	Alluvium	Silty Sand/Sandy Clay

TABLE 2-1: NORTHERN AREA GROUNDWATER WELL CONSTRUCTION DETAILS

2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN

Fort Wingate Depot Activity, New Mexico

Well ID	FWDA Parcel	Date Installed	Drilling Method	PREVIOUS SURVEY DATA (OLD)				OCT. 2019 SURVEY DATA (NEW)				Well Depth (ft bgs)	Boring Diameter (in)	Casing Diameter (in)	Casing/ Screen Type	Screen Length (ft)	Screened Interval (ft bgs)	Screened Interval (ft amsl)	Status	Low-Flow Purging/Sampling? [d]	Screened Formation	Description
				NORTHING[a]	EASTING[a]	GROUND ELEVATION (ft amsl)[b]	POINT ELEVATION (ft amsl)[b]	NORTHING[a]	EASTING[a]	GROUND ELEVATION (ft amsl)[b]	POINT ELEVATION (ft amsl)[b]											
TMW01	21	07/31/1996	HSA	1,640,504.34	2,498,872.04	6,709.79	6,711.84	1,640,504.25	2,498,872.00	6,710.79	6,712.50	60	8	2	PVC	15.0	44 – 59	6,666.79 – 6,651.79	Active	Yes	Alluvium	Clay with Sand Layer
TMW02	21	07/31/1996	HSA	1,641,503.03	2,498,583.97	6,703.34	6,705.35	1,641,503.17	2,498,584.02	6,704.51	6,706.03	85	8	2	PVC	14.0	67.9 – 81.9	6,636.61 – 6,622.61	Active	Yes	Alluvium	Sandstone
TMW03	21	07/25/1996	HSA	1,641,773.65	2,498,883.04	6,700.37	6,702.43	1,641,773.76	2,498,883.05	6,701.35	6,703.22	70.1	8	2	PVC	20.0	49.8 – 69.8	6,651.55 – 6,631.55	Active	Yes	Alluvium	Silty Clay/Clayey Sand
TMW04	21	07/26/1996	HSA	1,641,690.11	2,499,095.25	6,699.00	6,700.86	1,641,690.08	2,499,095.21	6,699.85	6,701.65	70.5	8	2	PVC	20.0	50 – 70	6,649.85 – 6,629.85	Active	Yes	Alluvium	Upper Sand/Lower Clay
TMW05	22	07/23/1998	HSA/AR	1,639,949.83	2,498,884.78	6,712.64	6,714.67	–	–	–	–	37.4	5.5	2	PVC	10.0	25 – 35	6,687.64 – 6,677.64	**Abandoned**	NA	Bedrock	Sandstone/Siltstone
TMW06	11	08/27/1998	HSA	1,643,285.82	2,498,783.81	6,689.08	6,690.63	1,643,285.93	2,498,783.92	6,689.87	6,691.34	57	8.8	2	PVC	10.0	45 – 55	6,644.87 – 6,634.87	Active	Yes	Alluvium	Sandy Silt
TMW07	11	07/24/1998	HSA/AR	1,643,289.14	2,498,772.33	6,689.08	6,690.47	1,643,289.29	2,498,772.27	6,689.84	6,691.23	76	5.5	2	PVC	10.0	65 – 75	6,624.84 – 6,614.84	Active	No (portable submersible pump)	Alluvium	Sandy Silt
TMW08	11	08/29/1998	HSA	1,644,255.04	2,498,930.01	6,678.55	6,680.31	1,644,254.96	2,498,930.01	6,679.56	6,681.05	62	8.8	2	PVC	30.0	30 – 60	6,649.56 – 6,619.56	Active	Yes	Alluvium	Silty Sand/Clay
TMW10	11	08/20/1998	HSA	1,644,455.63	2,498,459.83	6,677.74	6,680.04	1,644,455.54	2,498,459.70	6,678.85	6,680.76	65	8.8	2	PVC	30.0	28 – 58	6,650.85 – 6,620.85	Active	Yes	Alluvium	Silty Sand/Clay
TMW11	6	09/09/1998	HSA	1,640,758.33	2,497,201.28	6,716.16	6,718.28	1,640,758.59	2,497,201.10	6,717.32	6,719.13	82	8.8	2	PVC	25.0	55 – 80	6,662.32 – 6,637.32	Active	No (hand bail)	Alluvium	Silty Gravel/Sand
TMW13	21	08/11/1998	HSA	1,641,150.12	2,498,112.40	6,705.42	6,707.49	1,641,150.09	2,498,112.43	6,706.75	6,708.21	72.5	8.8	2	PVC	10.0	60.7 – 70.7	6,646.05 – 6,636.05	Active	Yes	Alluvium	Sandy Clay/Silt
TMW14A	21	01/25/2001	AR	1,640,105.58	2,497,489.30	6,721.08	6,723.54	1,640,105.73	2,497,489.60	6,722.53	6,724.73	110	6	2	PVC	15.0	94.25 – 109.25	6,628.28 – 6,613.28	Active	No (portable submersible pump)	Bedrock	Sandstone
TMW15	21	12/09/2001	AR	1,640,779.84	2,497,787.12	6,710.80	6,713.89	1,640,779.81	2,497,787.09	6,711.71	6,714.68	82	6	2	PVC	15.0	56 – 71	6,655.71 – 6,640.71	Active	Yes	Alluvium	Silty Gravel/Sand
TMW16	6	12/05/2001	AR	1,640,687.46	2,496,941.08	6,711.65	6,714.15	1,640,687.43	2,496,941.03	6,712.72	6,715.21	142	6	2	PVC	15.0	123 – 138	6,589.72 – 6,574.72	Active	No (dedicated high-flow pump)	Bedrock	Sandstone
TMW17	6	12/13/2001	AR	1,640,639.74	2,497,193.66	6,717.40	6,719.89	1,640,640.08	2,497,193.61	6,718.53	6,721.07	152	6	2	PVC	15.0	112 – 127	6,606.53 – 6,591.53	Active	Yes	Bedrock	Sandstone
TMW18	6	12/14/2001	AR	1,641,437.52	2,497,083.23	6,710.14	6,713.49	1,641,437.58	2,497,083.17	6,711.48	6,714.56	220	6	2	PVC	10.0	150 – 160	6,561.48 – 6,551.48	Active	No (dedicated high-flow pump)	Bedrock	Sandstone
TMW19	6	12/03/2001	AR	1,641,357.45	2,496,433.25	6,697.57	6,700.52	1,641,357.52	2,496,433.25	6,698.93	6,701.67	187	6	2	PVC	15.0	169 – 184	6,529.93 – 6,514.93	Active	No (dedicated high-flow pump)	Bedrock	Sandstone
TMW21	21	08/09/2002	HSA	1,642,714.59	2,498,128.03	6,692.75	6,695.14	1,642,714.81	2,498,128.03	6,693.75	6,695.86	72	8	2	PVC	10.0	48 – 58	6,645.75 – 6,635.75	Active	Yes	Alluvium	Sand/Silt/Clay
TMW22	21	08/08/2002	HSA	1,642,741.03	2,499,552.37	6,689.80	6,691.74	1,642,741.06	2,499,552.33	6,690.90	6,692.51	77	8	2	PVC	10.0	52 – 62	6,638.90 – 6,628.90	Active	No (portable submersible pump)	Alluvium	Sand/Silt/Clay
TMW23	11	08/06/2002	HSA	1,643,402.27	2,499,309.65	6,685.37	6,687.66	1,643,402.25	2,499,309.78	6,686.50	6,688.61	72	8	2	PVC	10.0	46 – 56	6,640.50 – 6,630.50	Active	No (portable submersible pump)	Alluvium	Clay/Sand
TMW24	11	08/03/2003	HSA	1,644,192.07	2,499,766.39	6,678.52	6,680.42	1,644,192.20	2,499,766.31	6,679.40	6,681.14	75	8	2	PVC	10.0	44 – 54	6,635.40 – 6,625.40	Active	Yes	Alluvium	Silty Sand/Silt/Sand
TMW25	7	08/01/2002	HSA	1,643,599.42	2,496,775.99	6,671.09	6,672.88	1,643,598.33	2,496,776.40	6,671.61	6,673.17	74	8	2	PVC	10.0	42.5 – 52.5	6,629.11 – 6,619.11	Active	Yes	Alluvium	Silty Sand/Clay
TMW26	11	07/30/2002	HSA	1,645,294.52	2,498,581.83	6,674.88	6,677.71	1,645,294.87	2,498,581.76	6,675.79	6,678.43	64.8	8	2	PVC	10.0	45 – 55	6,630.79 – 6,620.79	Active	Yes	Alluvium	Silt/Sand/Clay
TMW27	9	07/26/2002	HSA	1,646,400.43	2,496,126.29	6,665.45	6,668.13	1,646,399.49	2,496,126.68	6,666.40	6,668.51	102.2	8	2	PVC	10.0	60 – 70	6,606.40 – 6,596.40	Active	Yes	Alluvium	Sandy Clay/Silt
TMW28	14	07/24/2002	HSA	1,645,827.16	2,501,250.48	6,686.77	6,689.17	1,645,827.17	2,501,250.56	6,688.08	6,690.35	72.5	8	2	PVC	10.0	37 – 47	6,651.08 – 6,641.08	Active	Yes	Alluvium	Silty Sand/Sand/Clay
TMW29	21	08/19/2002	HSA	1,641,786.37	2,498,235.92	6,700.31	6,702.88	1,641,786.16	2,498,235.65	6,701.36	6,703.84	69	8	2	PVC	10.0	49 – 59	6,652.36 – 6,642.36	Active	No (hand bail)	Alluvium	Sand/Sandy Clay
TMW30	21	11/15/2009	HSA/AR	1,639,957.87	2,498,898.99	6,712.35	6,714.59	1,639,957.89	2,498,900.63	6,713.42	6,715.66	51.5	6	2	PVC	10.0	35 – 45	6,678.42 – 6,668.42	Active	No (portable submersible pump)	Bedrock	Sandstone
TMW31S	21	11/17/2009	HSA/AR	1,640,689.53	2,498,931.95	6,708.53	6,710.20	1,640,688.54	2,498,932.87	6,710.19	6,711.45	61	6	2	PVC	10.0	50 – 60	6,660.19 – 6,650.19	Active	No (portable submersible pump)	Alluvium	Silty Sand/Sand/Clay
TMW31D	21	11/16/2009	HSA/AR	1,640,689.53	2,498,931.95	6,708.53	6,710.44	1,640,688.10	2,498,933.07	6,710.19	6,711.99	111.5	6	2	PVC	30.0	77 – 107	6,633.19 – 6,603.19	Active	Yes	Bedrock	Sandstone
TMW32	21	11/18/2009	HSA	1,641,059.71	2,498,559.18	6,707.09	6,709.31	1,641,045.04	2,498,554.46	6,709.03	6,710.88	139.1	6	2	PVC	20.0	117 – 137	6,592.03 – 6,572.03	Active	Yes	Bedrock	Sandstone
TMW33	11	11/19/2009	HSA	1,644,035.48	2,498,303.75	6,684.09	6,686.60	1,644,034.09	2,498,303.21	6,685.07	6,687.45	60.4	6	2	PVC	20.0	37 – 57	6,648.07 – 6,628.07	Active	No (portable submersible pump)	Alluvium	Silty Sand/Sand/Clay
TMW34	11	11/20/2009	HSA	1,643,993.95	2,498,014.09	6,684.32	6,687.29	1,643,994.55	2,498,012.96	6,685.75	6,688.36	57.3	6	2	PVC	20.0	37 – 57	6,648.75 – 6,628.75	Active	Yes	Alluvium	Silty Sand/Sand/Clay
TMW35	11	11/21/2009	HSA/AR	1,644,050.75	2,498,442.31	6,684.14	6,686.52	1,644,049.13	2,498,442.01	6,685.52	6,687.82	55	6	2	PVC	20.0	35 – 55	6,650.52 – 6,630.52	Active	Yes	Alluvium	Silty Sand/Sand/Clay
TMW36	21	11/22/2009	HSA/AR	1,641,645.74	2,499,049.17	6,697.33	6,699.04	1,641,645.67	2,499,049.25	6,700.57	6,702.23	157	6	2	PVC	20.0	132 – 152	6,568.57 – 6,548.57	Active	No (dedicated high-flow pump)	Bedrock	Sandstone
TMW37	21	11/23/2009	HSA/AR	1,640,648.14	2,498,397.74	6,710.51	6,713.09	1,640,648.29	2,498,396.27	6,712.15	6,714.25	111	6	2	PVC	20.0	88 – 108	6,624.15 – 6,604.15	Active	No (dedicated high-flow pump)	Bedrock	Sandstone
TMW38	21	09/03/2011	HSA	1,641,400.80	2,498,219.52	6,704.41	6,706.79	1,641,400.93	2,498,218.35	6,705.03	6,707.62	159.5	8	2.5	PVC	40.0	118.9 – 158.9	6,586.13 – 6,546.13	Active	Yes	Bedrock	Sandstone
TMW39S	13	07/05/2011	HSA	1,640,745.21	2,499,279.83	6,706.53	6,708.61	1,640,735.44	2,499,229.52	6,706.69	6,708.25	53	8	2.5	PVC	20.0	32.5 – 52.5	6,674.19 – 6,654.19	Active	No (portable submersible pump)	Alluvium	Clay
TMW39D	13	09/07/2011	HSA	1,640,745.21	2,499,279.83	6,706.53	6,708.61	1,640,745.35	2,499,280.77	6,707.08	6,709.14	100.5	8	2.5	PVC	30.0	70 – 100	6,637.08 – 6,607.08	Active	Yes	Bedrock	Sandstone
TMW40S	21	09/20/2011	HSA	1,641,487.06	2,498,603.50	6,703.81	6,706.40	1,641,486.33	2,498,604.51	6,704.37	6,706.98	60.5	8	2.5	PVC	10.0	50 – 60	6,654.37 – 6,644.37	Active	No (hand bail)	Alluvium	Silt/Sand/Clay
TMW40D	21	09/20/2011	HSA	1,641,487.06	2,498,603.50	6,703.81	6,706.15	1,641,486.04	2,498,604.16	6,704.37	6,706.74	155.5	8	2.5	PVC	20.0	135 – 155	6,569.37 – 6,549.37	Active	Yes	Bedrock	Sandstone
TMW41	21	07/01/2011	HSA	1,641,113.86	2,499,058.48	6,703.48	6,705.21	1,641,113.91	2,499,058.49	6,704.15	6,705.74	66	8	2.5	PVC	10.0	55.5 – 65.5	6,648.65 – 6,638.65	Active	No (portable submersible pump)	Alluvium	Clay with Gravel
TMW43	21	02/03/2012	HSA	1,642,171.46	2,498,570.92	6,695.63	6,698.63	1,642,171.39	2,498,570.91	6,696.21	6,699.32	78.5	8	2.5	PVC	20.0	58 – 78	6,638.21 – 6,618.21	Active	Yes	Alluvium	Sand with Gravel
TMW44	21	02/04/2012	HSA	1,642,323.41	2,499,212.51	6,694.81	6,697.31	1,642,323.34	2,499,212.40	6,695.49	6,697.99	64	8	2.5	PVC	20.0	43.5 – 63.5	6,651.99 – 6,631.99	Active	No (portable submersible pump)	Alluvium	Silty Clay/Sand
TMW45	11	02/08/2012	HSA	1,643,187.53	2,499,597.72	6,686.50	6,689.00	1,643,187.60	2,499,597.65	6,687.14	6,689.60	59	8	2.5	PVC	20.0	38.5 – 58.5	6,648.64 – 6,628.64	Active	Yes	Alluvium	Sand/Clay
TMW46	11	02/05/2012	HSA	1,644,326.04	2,497,404.70	6,678.69	6,680.98	1,644,326.20	2,497,404.60	6,679.41	6,681.34	59	8	2.5	PVC	20.0	38.5 – 58.5	6,640.91 – 6,620.91	Active	No (portable submersible pump)	Alluvium	Sandy Clay with Gravel
TMW47	13	02/01/2012	HSA	1,641,475.95	2,499,610.93	6,699.32	6,701.88	1,641,475.91	2,499,610.79	6,699.87	6,702.47	103	8	2.5	PVC	20.0	82.5 – 102.5	6,617.37 – 6,597.37	Active	Yes	Alluvium	Clay/Silt
TMW48	13	09/15/2011	HSA	1,640,515.53	2,499,131.31	6,707.80	6,709.80	1,640,515.51	2,499,132.59	6,708.29	6,710.37	91.5	8	2.5	PVC	20.0	71 – 91	6,637.29 – 6,617.29	Active	Yes	Bedrock	Sand
TMW49	21	09/09/2011	HSA	1,639,979.77	2,498,578.38	6,712.20	6,714.70	1,639,979.26	2,498,578.96	6,716.30	6,718.72	60	8	2.5	PVC	20.0	40 – 60	6,676.30 – 6,656.30	Active	Yes	Bedrock	Sand
TMW50	21	09/25/2019	Sonic	–	–	–	–	1,640,313.62	2,498,591.97	6,712.47	6,715.02	75	6	2	PVC	20.0	55 – 75	6,657.47 – 6,637.47	Active	No (portable submersible pump)	Bedrock	Clay/Silt/Sandstone
TMW51	21	09/09/2019	Sonic	–	–	–	–	1,641,169.36	2,498,768.34	6,704.11	6,706.70	125	6	2	PVC	20.0	105 – 125	6,599.11 – 6,579.11	Active	No (portable submersible pump)	Bedrock	Sandstone
TMW52	21	08/20/2019	Sonic	–	–	–	–	1,641,766.56	2,498,279.77	6,701.71	6,704.36	115	6	2	PVC	20.0	95 – 115	6,606.71 – 6,586.71	Active	No (portable submersible pump)	Bedrock	Sandstone/Claystone/ Mudstone
TMW53	21	08/13/2019	Sonic	–	–	–	–	1,641,849.46	2,498,650.53	6,699.77	6,702.34	117	6	2	PVC	10.0	107 – 117	6,592.77 – 6,582.77	Active	No (portable submersible pump)	Bedrock	Sandstone/Claystone/ Mudstone
TMW54	21	09/10/2019	Sonic	–	–	–	–	1,641,063.23	2,498,589.12	6,708.77	6,711.23	41.4	6	2	PVC	20.0	21.4 – 41.4	6,687.37 – 6,666.37	Active	NA (well is consistently dry)	Alluvium	Clay/Clayey Sand

TABLE 2-1: NORTHERN AREA GROUNDWATER WELL CONSTRUCTION DETAILS

2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN

Fort Wingate Depot Activity, New Mexico

Well ID	FWDA Parcel	Date Installed	Drilling Method	PREVIOUS SURVEY DATA (OLD)				OCT. 2019 SURVEY DATA (NEW)				Well Depth (ft bgs)	Boring Diameter (in)	Casing Diameter (in)	Casing/ Screen Type	Screen Length (ft)	Screened Interval (ft bgs)	Screened Interval (ft amsl)	Status	Low-Flow Purging/Sampling? [d]	Screened Formation	Description
				NORTHING[a]	EASTING[a]	GROUND ELEVATION (ft amsl)[b]	POINT ELEVATION (ft amsl)[b]	NORTHING[a]	EASTING[a]	GROUND ELEVATION (ft amsl)[b]	POINT ELEVATION (ft amsl)[b]											
TMW55	21	07/29/2019	Sonic	–	–	–	–	1,640,803.10	2,498,296.35	6,711.13	6,713.82	121	6	2	PVC	20.0	101 – 121	6,610.13 – 6,590.13	Active	No (portable submersible pump)	Bedrock	Silt/Sand/Clay/Sandstone
TMW56	13	07/24/2019	Sonic	–	–	–	–	1,640,967.41	2,499,363.34	6,705.44	6,708.32	50	6	2	PVC	20.0	30 – 50	6,675.44 – 6,655.44	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
TMW57	21	07/25/2019	Sonic	–	–	–	–	1,640,814.83	2,498,070.01	6,710.76	6,713.19	70	6	2	PVC	10.0	60 – 70	6,650.76 – 6,640.76	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
TMW58	21	08/22/2019	Sonic	–	–	–	–	1,641,819.82	2,498,257.71	6,700.79	6,703.54	185	6	2	PVC	40.0	145 – 185	6,555.79 – 6,515.79	Active	No (portable submersible pump)	Bedrock	Sandstone/Claystone
TMW59	21	07/30/2019	Sonic	–	–	–	–	1,642,827.23	2,498,987.06	6,690.38	6,692.90	62	6	2	PVC	20.0	42 – 62	6,648.38 – 6,628.38	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
TMW60	21	09/11/2019	Sonic	–	–	–	–	1,642,542.05	2,498,365.51	6,694.17	6,696.66	66	6	2	PVC	20.0	46 – 66	6,648.17 – 6,628.17	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
TMW61	11	07/29/2019	Sonic	–	–	–	–	1,643,720.94	2,499,390.24	6,684.51	6,687.07	61	6	2	PVC	20.0	41 – 61	6,643.51 – 6,623.51	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
TMW62	21	08/07/2019	Sonic	–	–	–	–	1,642,984.23	2,498,536.37	6,691.39	6,693.95	60	6	2	PVC	20.0	40 – 60	6,651.39 – 6,631.39	Active	No (portable submersible pump)	Alluvium	Silt/Sand/Clay
TMW63	21	08/08/2019	Sonic	–	–	–	–	1,641,833.31	2,498,690.15	6,699.83	6,702.58	180	6	2	PVC	40.0	140 – 180	6,559.83 – 6,519.83	Active	No (portable submersible pump)	Bedrock	Sandstone/Claystone/ Mudstone/Siltstone
TMW64	13	09/25/2019	Sonic	–	–	–	–	1,640,652.26	2,499,587.26	6,705.50	6,708.20	100	6	2	PVC	20.0	80 – 100	6,625.50 – 6,605.50	Active	No (portable submersible pump)	Bedrock	Sandstone
PZ01[c]	12	Fall 2012	HSA	1,645,310.72	2,499,236.22	6,674.71	6,677.29	1,645,310.79	2,499,235.92	6,675.61	6,678.18	45.7	NA	1	PVC	20.0	25.7 – 45.7	6,649.91 – 6,629.91	Active	NA	Alluvium	Undifferentiated CL/S/ML
PZ02[c]	12	Fall 2012	HSA	1,645,426.78	2,499,258.64	6,672.50	6,674.95	1,645,426.52	2,499,258.36	6,673.57	6,675.99	52.7	NA	1	PVC	20.0	32.7 – 53.7	6,640.87 – 6,619.87	Active	NA	Alluvium	Undifferentiated CL/S/ML
PZ03[c]	12	Fall 2012	HSA	1,645,502.88	2,499,288.54	6,676.86	6,679.44	1,645,502.60	2,499,288.48	6,677.91	6,680.45	49.3	NA	1	PVC	20.0	29.3 – 49.3	6,648.61 – 6,628.61	Active	NA	Alluvium	Undifferentiated CL/S/ML
PZ04[c]	12	Fall 2012	HSA	1,645,288.26	2,498,592.56	6,674.17	6,676.68	1,645,288.57	2,498,592.28	6,675.26	6,677.80	49.3	NA	1	PVC	20.0	29.3 – 49.3	6,645.96 – 6,625.96	Active	NA	Alluvium	Undifferentiated CL/S/ML
PZ05[c]	12	Fall 2012	HSA	1,646,574.66	2,498,263.13	6,671.53	6,674.15	1,646,574.61	2,498,262.94	6,672.50	6,675.17	48.7	NA	1	PVC	20.0	28.7 – 48.7	6,643.80 – 6,623.80	Active	NA	Alluvium	Undifferentiated CL/S/ML
PZ06[c]	12	Fall 2012	HSA	1,646,327.75	2,498,718.95	6,673.29	6,676.04	1,646,328.10	2,498,719.31	6,674.47	6,677.19	49.2	NA	1	PVC	20.0	29.2 – 49.2	6,645.27 – 6,625.27	Active	NA	Alluvium	Undifferentiated CL/S/ML
PZ07[c]	12	Fall 2012	HSA	1,645,600.75	2,500,958.18	6,682.38	6,684.53	1,645,600.90	2,500,958.04	6,683.24	6,685.70	32.8	NA	1	PVC	20.0	12.8 – 32.8	6,670.44 – 6,650.44	Active	NA	Alluvium	Undifferentiated CL/S/ML
PZ08[c]	12	Fall 2012	HSA	1,645,511.30	2,500,744.34	6,684.11	6,686.81	1,645,511.40	2,500,744.21	6,685.03	6,687.93	49	NA	1	PVC	20.0	29 – 49	6,656.03 – 6,636.03	Active	NA	Alluvium	Undifferentiated CL/S/ML
PZ09[c]	12	Fall 2012	HSA	1,648,138.17	2,495,520.51	6,651.12	6,653.61	1,648,137.97	2,495,520.26	6,652.37	6,654.66	35.6	NA	1	PVC	15.0	20.6 – 35.6	6,631.77 – 6,616.77	Active	NA	Alluvium	Undifferentiated CL/S/ML
PZ10[c]	12	Fall 2012	HSA	1,648,008.28	2,495,406.66	6,654.83	6,657.27	1,648,008.64	2,495,406.20	6,655.92	6,658.31	48.5	NA	1	PVC	15.0	33.5 – 48.5	6,622.42 – 6,607.42	Active	NA	Alluvium	Undifferentiated CL/S/ML
Wingate 89	10B	01/01/1963	–	1,647,927.73	2,496,972.14	6,663.20	6,663.70	–	–	–	–	NA	NA	8	PVC	NA	NA	NA	**Abandoned**	NA	Alluvium	–
Wingate 90	10B	01/02/1963	–	1,648,335.14	2,495,646.34	6,655.30	6,656.50	–	–	–	–	102	NA	8	PVC	NA	NA	NA	**Abandoned**	NA	Alluvium	–
Wingate 91	10B	01/03/1963	–	1,648,705.22	2,494,863.70	6,658.80	6,659.70	–	–	–	–	NA	NA	8	PVC	NA	NA	NA	**Abandoned**	NA	Alluvium	–

NOTES:

[a] Horizontal Coordinate System: NM NAD83 State Plane Central.

[b] Vertical Coordinate System: NAVD88.

[c] Indicates the well is used for water level measurements only and is not sampled.

[d] Wells sampled by low-flow method are equipped with dedicated low-flow pumps. Wells TMW14A and TMW17 are equipped with dedicated low-flow pumps, as well as Zone Isolation Technologies (ZIST)™ system to isolate of the sampling interval. Wells not purged by low-flow method are purged by pumping or bailing three well volumes or until the well becomes dry.

ABBREVIATIONS and ACRONYMS:

amsl	= above mean sea level	in	= inches
AR	= air rotary drilling method	ML	= silt
bgs	= below ground surface	NA	= not available
CL	= lean clay	NAD83	= North American Datum of 1983
ft	= feet	NAVD88	= North American Vertical Datum of 1988

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
Alluvial Wells										
BGMW01	Alluvial	2.40	12.5-32.5	33.0	6,690.28	6,692.68	Jul-14	16.82	19.22	6,673.46
							Oct-14	16.87	19.27	6,673.41
							Jan-15	16.62	19.02	6,673.66
							Mar-15	16.55	18.95	6,673.73
							Jul-15	17.02	19.42	6,673.26
							Oct-15	17.24	19.64	6,673.04
							Jan-16	16.91	19.31	6,673.37
							Apr-16	16.95	19.35	6,673.33
							Jul-16	17.47	19.87	6,672.81
							Oct-16	17.59	19.99	6,672.69
							Jan-17	17.22	19.62	6,673.06
							Apr-17	17.08	19.48	6,673.20
							Jul-17	17.68	20.08	6,672.60
							Oct-17	17.82	20.22	6,672.46
							Jan-18	17.60	20.00	6,672.68
							Apr-18	17.38	19.78	6,672.90
							Jul-18	18.04	20.44	6,672.24
							Oct-18	18.15	20.55	6,672.13
							Jan-19	17.89	20.29	6,672.39
							Apr-19	17.47	19.87	6,672.81
							Jul-19	17.96	20.36	6,672.32
							Sep-19	18.22	20.62	6,672.06
		2.41			6,690.82	6,693.23	Jan-20	17.67	20.08	6,673.15
							Apr-20	17.54	19.95	6,673.28
							Jul-20	18.44	20.85	6,672.38
							Oct-20	18.06	20.47	6,672.76
							Jan-21	17.85	20.26	6,672.97
							Apr-21	18.04	20.45	6,672.78
							Jul-21	18.79	21.20	6,672.03
							Oct-21	18.66	21.07	6,672.16
							Jan-22	18.60	21.01	6,672.22
							Apr-22	18.43	20.84	6,672.39
							Jul-22	18.83	21.24	6,671.99
							Sep-22	18.78	21.19	6,672.04
							Jan-23	18.51	20.92	6,672.31
							Apr-23	17.77	20.18	6,673.05
							Jul-23	18.61	21.02	6,672.21
							Sep-23	18.34	20.75	6,672.48

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
BGMW02	Alluvial	2.79	13.5-33.5	34.0	6,689.20	6,691.99	Jul-14	18.38	21.17	6,670.82
							Oct-14	18.62	21.41	6,670.58
							Jan-15	18.34	21.13	6,670.86
							Mar-15	18.17	20.96	6,671.03
							Jul-15	18.57	21.36	6,670.63
							Oct-15	19.02	21.81	6,670.18
							Jan-16	18.68	21.47	6,670.52
							Apr-16	18.56	21.35	6,670.64
							Jul-16	18.98	21.77	6,670.22
							Oct-16	19.37	22.16	6,669.83
							Jan-17	18.98	21.77	6,670.22
							Apr-17	18.63	21.42	6,670.57
							Jul-17	19.03	21.82	6,670.17
							Oct-17	19.52	22.31	6,669.68
							Jan-18	19.24	22.03	6,669.96
							Apr-18	18.83	21.62	6,670.37
							Jul-18	19.61	22.40	6,669.59
							Oct-18	19.92	22.71	6,669.28
							Jan-19	19.17	21.96	6,670.03
							Apr-19	19.04	21.83	6,670.16
							Jul-19	19.08	21.92	6,670.65
							Sep-19	18.89	21.73	6,670.84
		2.84			6,689.73	6,692.57	Jan-20	19.26	22.10	6,670.47
							Apr-20	19.19	22.03	6,670.54
							Jul-20	20.06	22.90	6,669.67
							Oct-20	20.35	23.19	6,669.38
							Jan-21	20.00	22.84	6,669.73
							Apr-21	19.67	22.51	6,670.06
							Jul-21	20.60	23.44	6,669.13
							Oct-21	20.79	23.63	6,668.94
							Jan-22	20.27	23.11	6,669.46
							Apr-22	19.98	22.82	6,669.75
							Jul-22	20.76	23.60	6,668.97
							Sep-22	21.02	23.86	6,668.71
							Jan-23	20.21	23.05	6,669.52
							Apr-23	19.59	22.43	6,670.14
							Jul-23	20.08	22.92	6,669.65
							Sep-23	20.87	23.71	6,668.86

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
BGMW03	Alluvial	2.76	8.5-28.5	29.0	6,677.79	6,680.57	Jul-14	14.29	17.05	6,663.52
							Oct-14	14.39	17.15	6,663.42
							Jan-15	13.61	16.37	6,664.20
							Mar-15	13.33	16.09	6,664.48
							Jul-15	14.21	16.97	6,663.60
							Oct-15	14.33	17.09	6,663.48
							Jan-16	13.95	16.71	6,663.86
							Apr-16	13.73	16.49	6,664.08
							Jul-16	14.77	17.53	6,663.04
							Oct-16	15.12	17.88	6,662.69
							Jan-17	14.37	17.13	6,663.44
							Apr-17	13.97	16.73	6,663.84
							Jul-17	16.11	18.87	6,661.70
							Oct-17	15.21	17.97	6,662.60
							Jan-18	14.32	17.08	6,663.49
							Apr-18	13.87	16.63	6,663.94
							Jul-18	15.24	18.00	6,662.57
							Oct-18	15.59	18.35	6,662.22
							Jan-19	14.83	17.59	6,662.98
							Apr-19	14.55	17.31	6,663.26
							Jul-19	15.61	18.38	6,661.01
							Sep-19	16.14	18.91	6,660.48
		2.77			6,676.63	6,679.39	Jan-20	15.16	17.93	6,661.46
							Apr-20	14.63	17.40	6,661.99
							Jul-20	16.01	18.78	6,660.61
							Oct-20	16.49	19.26	6,660.13
							Jan-21	15.67	18.44	6,660.95
							Apr-21	15.26	18.03	6,661.36
							Jul-21	16.42	19.19	6,660.20
							Oct-21	16.48	19.25	6,660.14
							Jan-22	15.37	18.14	6,661.25
							Apr-22	14.93	17.70	6,661.69
							Jul-22	15.90	18.67	6,660.72
							Sep-22	16.23	19.00	6,660.39
							Jan-23	15.16	17.93	6,661.46
							Apr-23	14.77	17.54	6,661.85
							Jul-23	15.76	18.53	6,660.86
							Sep-23	16.65	19.42	6,659.97

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
BGMW11	Alluvial	2.29	20-40	40.0	6,653.27	6,655.56	Nov-19	17.19	19.48	6,636.08
							Apr-20	15.86	18.15	6,637.41
							Jul-20	17.27	19.56	6,636.00
							Oct-20	17.90	20.19	6,635.37
							Jan-21	17.26	19.55	6,636.01
							Apr-21	16.73	19.02	6,636.54
							Jul-21	17.85	20.14	6,635.42
							Oct-21	18.11	20.40	6,635.16
							Jan-22	17.47	19.76	6,635.80
							Apr-22	17.00	19.29	6,636.27
							Jul-22	17.70	19.99	6,635.57
							Sep-22	17.92	20.21	6,635.35
							Jan-23	16.68	18.97	6,636.59
							Apr-23	15.83	18.12	6,637.44
							Jul-23	16.64	18.93	6,636.63
							Sep-23	17.54	19.83	6,635.73
BGMW12	Alluvial	2.81	12-32	32.0	6,692.40	6,695.21	Nov-19	17.58	20.39	6,674.82
							Apr-20	17.14	19.95	6,675.26
							Jul-20	18.94	21.75	6,673.46
							Oct-20	18.18	20.99	6,674.22
							Jan-21	17.83	20.64	6,674.57
							Apr-21	17.62	20.43	6,674.78
							Jul-21	18.51	21.32	6,673.89
							Oct-21	18.48	21.29	6,673.92
							Jan-22	18.15	20.96	6,674.25
							Apr-22	18.08	20.89	6,674.32
							Jul-22	18.52	21.33	6,673.88
							Sep-22	18.63	21.44	6,673.77
							Jan-23	18.10	20.91	6,674.30
							Apr-23	17.31	20.12	6,675.09
							Jul-23	17.90	20.71	6,674.50
							Sep-23	18.41	21.22	6,673.99

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
BGMW13S	Alluvial	2.92	49-69	69.0	6,659.05	6,661.97	Nov-19	18.88	21.80	6,640.17
							Apr-20	18.39	21.31	6,640.66
							Jul-20	18.97	21.89	6,640.08
							Oct-20	19.43	22.35	6,639.62
							Jan-21	19.36	22.28	6,639.69
							Apr-21	19.08	22.00	6,639.97
							Jul-21	19.53	22.45	6,639.52
							Oct-21	19.55	22.47	6,639.50
							Jan-22	19.32	22.24	6,639.73
							Apr-22	19.11	22.03	6,639.94
							Jul-22	19.34	22.26	6,639.71
							Sep-22	19.48	22.40	6,639.57
							Jan-23	18.78	21.70	6,640.27
							Apr-23	18.23	21.15	6,640.82
							Jul-23	18.30	21.22	6,640.75
							Sep-23	19.10	22.02	6,639.95
BGMW13D	Alluvial	2.75	84-104	104.0	6,659.08	6,661.83	Nov-19	18.05	20.80	6,641.03
							Apr-20	17.67	20.42	6,641.41
							Jul-20	18.14	20.89	6,640.94
							Oct-20	18.53	21.28	6,640.55
							Jan-21	18.58	21.33	6,640.50
							Apr-21	18.34	21.09	6,640.74
							Jul-21	18.68	21.43	6,640.40
							Oct-21	18.80	21.55	6,640.28
							Jan-22	18.50	21.25	6,640.58
							Apr-22	18.33	21.08	6,640.75
							Jul-22	19.70	22.45	6,639.38
							Sep-22	18.70	21.45	6,640.38
							Jan-23	18.04	20.79	6,641.04
							Apr-23	17.75	20.50	6,641.33
							Jul-23	17.76	20.51	6,641.32
							Sep-23	18.46	21.21	6,640.62

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
FW31	Alluvial	1.74	10.0-50.0	50.0	6,830.72	6,832.49	Jul-14	40.66	42.40	6,790.09
							Oct-14	40.75	42.49	6,790.00
							Jan-15	40.67	42.41	6,790.08
							Mar-15	40.65	42.39	6,790.10
							Jul-15	40.81	42.55	6,789.94
							Oct-15	40.92	42.66	6,789.83
							Jan-16	40.85	42.59	6,789.90
							Apr-16	40.91	42.65	6,789.84
							Jul-16	41.09	42.83	6,789.66
							Oct-16	41.18	42.92	6,789.57
							Jan-17	NM	NM	NM
							Apr-17	41.09	42.83	6,789.66
							Jul-17	41.26	43.00	6,789.49
							Oct-17	41.30	43.04	6,789.45
							Jan-18	41.36	43.10	6,789.39
							Apr-18	41.27	43.01	6,789.48
							Jul-18	41.35	43.09	6,789.40
							Oct-18	41.40	43.14	6,789.35
							Jan-19	41.39	43.13	6,789.36
							Apr-19	41.26	43.00	6,789.49
							Jul-19	41.52	43.26	6,789.44
							Sep-19	41.58	43.32	6,789.38
		1.74			6,830.96	6,832.70	Jan-20	41.64	43.38	6,789.32
							Apr-20	41.59	43.33	6,789.37
							Jul-20	41.80	43.54	6,789.16
							Oct-20	41.89	43.63	6,789.07
							Jan-21	45.97	47.71	6,784.99
							Apr-21	41.86	43.60	6,789.10
							Jul-21	42.02	43.76	6,788.94
							Oct-21	41.88	43.62	6,789.08
							Jan-22	41.94	43.68	6,789.02
							Apr-22	41.92	43.66	6,789.04
							Jul-22	41.97	43.71	6,788.99
							Sep-22	42.15	43.89	6,788.81
							Jan-23	42.02	43.76	6,788.94
							Apr-23	41.96	43.70	6,789.00
							Jul-23	42.22	43.96	6,788.74
							Sep-23	42.32	44.06	6,788.64

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
FW35	Alluvial	2.18	10.0-30.0	30.0	6,709.17	6,711.11	Jul-14	26.77	28.95	6,682.16
							Oct-14	28.11	30.29	6,680.82
							Jan-15	27.67	29.85	6,681.26
							Mar-15	27.33	29.51	6,681.60
							Jul-15	28.81	30.99	6,680.12
							Oct-15	Dry	Dry	Dry
							Jan-16	Dry	Dry	Dry
							Apr-16	Dry	Dry	Dry
							Jul-16	Dry	Dry	Dry
							Oct-16	Dry	Dry	Dry
							Jan-17	Dry	Dry	Dry
							Apr-17	Dry	Dry	Dry
							Jul-17	Dry	Dry	Dry
							Oct-17	Dry	Dry	Dry
							Jan-18	Dry	Dry	Dry
							Apr-18	Dry	Dry	Dry
							Jul-18	Dry	Dry	Dry
							Oct-18	Dry	Dry	Dry
							Jan-19	Dry	Dry	Dry
							Apr-19	Dry	Dry	Dry
							Jul-19	Dry	Dry	Dry
							Sep-19	Dry	Dry	Dry
		2.18			6,709.13	6,711.31	Jan-20	Dry	Dry	Dry
							Apr-20	Dry	Dry	Dry
							Jul-20	Dry	Dry	Dry
							Oct-20	Dry	Dry	Dry
							Jan-21	Dry	Dry	Dry
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Oct-21	Dry	Dry	Dry
							Jan-22	Dry	Dry	Dry
							Apr-22	Dry	Dry	Dry
							Jul-22	Dry	Dry	Dry
							Sep-22	Dry	Dry	Dry
							Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
							Jul-23	Dry	Dry	Dry
							Sep-23	Dry	Dry	Dry

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW01	Alluvial	-0.09	33.6-53.6	55.0	6,686.03	6,685.94	Jul-14	42.65	42.56	6,643.38
							Oct-14	42.72	42.63	6,643.31
							Jan-15	42.63	42.54	6,643.40
							Mar-15	42.78	42.69	6,643.25
							Jul-15	42.72	42.63	6,643.31
							Oct-15	42.92	42.83	6,643.11
							Jan-16	42.86	42.77	6,643.17
							Apr-16	43.04	42.95	6,642.99
							Jul-16	43.08	42.99	6,642.95
							Oct-16	43.11	43.02	6,642.92
							Jan-17	43.28	43.19	6,642.75
							Apr-17	43.24	43.15	6,642.79
							Jul-17	43.37	43.28	6,642.66
							Oct-17	43.48	43.39	6,642.55
							Jan-18	43.53	43.44	6,642.50
							Apr-18	43.49	43.40	6,642.54
							Jul-18	43.46	43.37	6,642.57
							Oct-18	43.51	43.42	6,642.52
							Jan-19	43.70	43.61	6,642.33
							Apr-19	43.76	43.67	6,642.27
							Jul-19	43.89	43.70	6,643.09
							Sep-19	43.84	43.65	6,643.14
		-0.19			6,686.98	6,686.79	Jan-20	44.00	43.81	6,642.98
							Apr-20	43.96	43.77	6,643.02
							Jul-20	43.99	43.80	6,642.99
							Oct-20	44.07	43.88	6,642.91
							Jan-21	44.32	44.13	6,642.66
							Apr-21	44.17	43.98	6,642.81
							Jul-21	44.31	44.12	6,642.67
							Sep-21	42.80	42.61	6,644.18
							Jan-22	44.42	44.23	6,642.56
							Apr-22	44.55	44.36	6,642.43
							Jul-22	44.50	44.31	6,642.48
							Sep-22	43.20	43.01	6,643.78
							Jan-23	44.66	44.47	6,642.32
							Apr-23	44.62	44.43	6,642.36
							Jul-23	44.66	44.47	6,642.32
							Sep-23	44.79	44.60	6,642.19

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW02	Alluvial	-0.56	37.0-47.0	48.0	6,685.78	6,685.22	Jul-14	40.89	40.33	6,644.89
							Oct-14	41.07	40.51	6,644.71
							Jan-15	41.27	40.71	6,644.51
							Mar-15	41.32	40.76	6,644.46
							Jul-15	41.37	40.81	6,644.41
							Oct-15	41.51	40.95	6,644.27
							Jan-16	41.53	40.97	6,644.25
							Apr-16	41.71	41.15	6,644.07
							Jul-16	41.71	41.15	6,644.07
							Oct-16	41.83	41.27	6,643.95
							Jan-17	41.98	41.42	6,643.80
							Apr-17	42.00	41.44	6,643.78
							Jul-17	42.12	41.56	6,643.66
							Oct-17	42.25	41.69	6,643.53
							Jan-18	42.29	41.73	6,643.49
							Apr-18	42.32	41.76	6,643.46
							Jul-18	42.39	41.83	6,643.39
							Oct-18	42.35	41.79	6,643.43
							Jan-19	42.60	42.04	6,643.18
							Apr-19	42.62	42.06	6,643.16
							Jul-19	42.54	42.08	6,643.05
							Sep-19	42.49	42.03	6,643.10
		-0.46			6,685.60	6,685.13	Jan-20	42.65	42.19	6,642.94
							Apr-20	44.30	43.84	6,641.29
							Jul-20	42.73	42.27	6,642.86
							Oct-20	42.79	42.33	6,642.80
							Jan-21	42.99	42.53	6,642.60
							Apr-21	42.89	42.43	6,642.70
							Jul-21	43.02	42.56	6,642.57
							Sep-21	44.69	44.23	6,640.90
							Jan-22	43.16	42.70	6,642.43
							Apr-22	43.27	42.81	6,642.32
							Jul-22	43.15	42.69	6,642.44
							Sep-22	43.22	42.76	6,642.37
							Jan-23	43.30	42.84	6,642.29
							Apr-23	43.23	42.77	6,642.36
							Jul-23	43.38	42.92	6,642.21
							Sep-23	43.43	42.97	6,642.16

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW03	Alluvial	2.03	43.0-53.0	53.0	6,687.50	6,689.53	Jul-14	44.33	46.36	6,643.17
							Oct-14	44.32	46.35	6,643.18
							Jan-15	44.27	46.30	6,643.23
							Mar-15	44.39	46.42	6,643.11
							Jul-15	44.40	46.43	6,643.10
							Oct-15	44.48	46.51	6,643.02
							Jan-16	44.39	46.42	6,643.11
							Apr-16	44.62	46.65	6,642.88
							Jul-16	44.60	46.63	6,642.90
							Oct-16	44.84	46.87	6,642.66
							Jan-17	44.64	46.67	6,642.86
							Apr-17	44.70	46.73	6,642.80
							Jul-17	44.89	46.92	6,642.61
							Oct-17	45.07	47.10	6,642.43
							Jan-18	44.93	46.96	6,642.57
							Apr-18	44.96	46.99	6,642.54
							Jul-18	44.95	46.98	6,642.55
							Oct-18	44.81	46.84	6,642.69
							Jan-19	45.04	47.07	6,642.46
							Apr-19	45.22	47.25	6,642.28
							Jul-19	44.76	47.21	6,643.05
							Sep-19	44.57	47.02	6,643.24
		2.45			6,687.81	6,690.26	Jan-20	44.81	47.26	6,643.00
							Apr-20	44.84	47.29	6,642.97
							Jul-20	44.80	47.25	6,643.01
							Oct-20	44.95	47.40	6,642.86
							Jan-21	45.11	47.56	6,642.70
							Apr-21	44.99	47.44	6,642.82
							Jul-21	45.17	47.62	6,642.64
							Sep-21	45.19	47.64	6,642.62
							Jan-22	45.38	47.83	6,642.43
							Apr-22	45.49	47.94	6,642.32
							Jul-22	45.32	47.77	6,642.49
							Sep-22	45.32	47.77	6,642.49
							Jan-23	45.42	47.87	6,642.39
							Apr-23	45.19	47.64	6,642.62
							Jul-23	45.46	47.91	6,642.35
							Sep-23	45.53	47.98	6,642.28

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW18D	Alluvial	1.81	47.0-57.0	59.9	6,684.94	6,686.32	Jul-14	41.67	43.48	6,642.84
							Oct-14	41.74	43.55	6,642.77
							Jan-15	41.60	43.41	6,642.91
							Mar-15	41.80	43.61	6,642.71
							Jul-15	41.69	43.50	6,642.82
							Oct-15	41.90	43.71	6,642.61
							Jan-16	41.84	43.65	6,642.67
							Apr-16	42.07	43.88	6,642.44
							Jul-16	42.08	43.89	6,642.43
							Oct-16	42.23	44.04	6,642.28
							Jan-17	42.21	44.02	6,642.30
							Apr-17	42.26	44.07	6,642.25
							Jul-17	42.39	44.20	6,642.12
							Oct-17	42.62	44.43	6,641.89
							Jan-18	42.51	44.32	6,642.00
							Apr-18	42.58	44.39	6,641.93
							Jul-18	42.63	44.44	6,641.88
							Oct-18	42.47	44.28	6,642.04
							Jan-19	42.67	44.48	6,641.84
							Apr-19	42.89	44.70	6,641.62
							Jul-19	42.94	44.75	6,642.36
							Sep-19	42.80	44.61	6,642.50
		1.81			6,685.30	6,687.11	Jan-20	43.00	44.81	6,642.30
							Apr-20	44.12	45.93	6,641.18
							Jul-20	43.10	44.91	6,642.20
							Oct-20	43.19	45.00	6,642.11
							Jan-21	43.46	45.27	6,641.84
							Apr-21	43.24	45.05	6,642.06
							Jul-21	43.47	45.28	6,641.83
							Sep-21	43.60	45.41	6,641.70
							Jan-22	43.58	45.39	6,641.72
							Apr-22	43.82	45.63	6,641.48
							Jul-22	43.49	45.30	6,641.81
							Sep-22	43.60	45.41	6,641.70
							Jan-23	43.88	45.69	6,641.42
							Apr-23	43.52	45.33	6,641.78
							Jul-23	44.79	46.60	6,640.51
							Sep-23	43.92	45.73	6,641.38

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW18S	Alluvial	2.05	27.0-37.0	39.0	6,684.67	6,686.61	Jul-14	Dry	Dry	Dry
							Oct-14	Dry	Dry	Dry
							Jan-15	Dry	Dry	Dry
							Mar-15	Dry	Dry	Dry
							Jul-15	Dry	Dry	Dry
							Oct-15	Dry	Dry	Dry
							Jan-16	Dry	Dry	Dry
							Apr-16	Dry	Dry	Dry
							Jul-16	Dry	Dry	Dry
							Oct-16	Dry	Dry	Dry
							Jan-17	Dry	Dry	Dry
							Apr-17	Dry	Dry	Dry
							Jul-17	Dry	Dry	Dry
							Oct-17	Dry	Dry	Dry
							Jan-18	Dry	Dry	Dry
							Apr-18	Dry	Dry	Dry
							Jul-18	Dry	Dry	Dry
							Oct-18	Dry	Dry	Dry
							Jan-19	Dry	Dry	Dry
							Apr-19	Dry	Dry	Dry
							Jul-19	Dry	Dry	Dry
							Sep-19	Dry	Dry	Dry
		1.96			6,685.30	6,687.26	Jan-20	Dry	Dry	Dry
							Apr-20	Dry	Dry	Dry
							Jul-20	Dry	Dry	Dry
							Oct-20	Dry	Dry	Dry
							Jan-21	Dry	Dry	Dry
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Sep-21	Dry	Dry	Dry
							Jan-22	Dry	Dry	Dry
							Apr-22	Dry	Dry	Dry
							Jul-22	Dry	Dry	Dry
							Sep-22	Dry	Dry	Dry
							Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
							Jul-23	Dry	Dry	Dry
							Sep-23	Dry	Dry	Dry

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW20	Alluvial	2.33	47.0-57.0	59.4	6,685.34	6,687.67	Jul-14	43.00	45.33	6,642.34
							Oct-14	43.12	45.45	6,642.22
							Jan-15	42.99	45.32	6,642.35
							Mar-15	43.09	45.42	6,642.25
							Jul-15	43.05	45.38	6,642.29
							Oct-15	43.23	45.56	6,642.11
							Jan-16	43.19	45.52	6,642.15
							Apr-16	43.28	45.61	6,642.06
							Jul-16	43.36	45.69	6,641.98
							Oct-16	43.49	45.82	6,641.85
							Jan-17	43.60	45.93	6,641.74
							Apr-17	43.49	45.82	6,641.85
							Jul-17	43.62	45.95	6,641.72
							Oct-17	43.83	46.16	6,641.51
							Jan-18	43.82	46.15	6,641.52
							Apr-18	43.77	46.10	6,641.57
							Jul-18	43.93	46.26	6,641.41
							Oct-18	43.92	46.25	6,641.42
							Jan-19	43.95	46.28	6,641.39
							Apr-19	44.05	46.38	6,641.29
							Jul-19	43.96	46.47	6,641.88
							Sep-19	43.99	46.50	6,641.85
		2.51			6,685.84	6,688.35	Jan-20	44.07	46.58	6,641.77
							Apr-20	43.83	46.34	6,642.01
							Jul-20	44.23	46.74	6,641.61
							Oct-20	44.27	46.78	6,641.57
							Jan-21	44.53	47.04	6,641.31
							Apr-21	44.28	46.79	6,641.56
							Jul-21	44.54	47.05	6,641.30
							Sep-21	44.69	47.20	6,641.15
							Jan-22	44.68	47.19	6,641.16
							Apr-22	44.72	47.23	6,641.12
							Jul-22	44.74	47.25	6,641.10
							Sep-22	44.71	47.22	6,641.13
							Jan-23	44.83	47.34	6,641.01
							Apr-23	44.77	47.28	6,641.07
							Jul-23	45.10	47.61	6,640.74
							Sep-23	44.99	47.50	6,640.85

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW22D	Alluvial	1.86	47.0-57.0	58.6	6,682.69	6,684.55	Jul-14	40.41	42.27	6,642.28
							Oct-14	40.55	42.41	6,642.14
							Jan-15	40.39	42.25	6,642.30
							Mar-15	40.45	42.31	6,642.24
							Jul-15	40.47	42.33	6,642.22
							Oct-15	40.71	42.57	6,641.98
							Jan-16	40.66	42.52	6,642.03
							Apr-16	40.81	42.67	6,641.88
							Jul-16	40.88	42.74	6,641.81
							Oct-16	41.06	42.92	6,641.63
							Jan-17	41.07	42.93	6,641.62
							Apr-17	41.06	42.92	6,641.63
							Jul-17	41.20	43.06	6,641.49
							Oct-17	41.45	43.31	6,641.24
							Jan-18	41.54	43.40	6,641.15
							Apr-18	41.33	43.19	6,641.36
							Jul-18	41.55	43.41	6,641.14
							Oct-18	41.69	43.55	6,641.00
							Jan-19	41.55	43.41	6,641.14
							Apr-19	41.61	43.47	6,641.08
							Jul-19	41.58	43.64	6,641.70
							Sep-19	41.58	43.64	6,641.70
		2.06			6,683.28	6,685.34	Jan-20	41.71	43.77	6,641.57
							Apr-20	41.67	43.73	6,641.61
							Jul-20	41.80	43.86	6,641.48
							Oct-20	41.91	43.97	6,641.37
							Jan-21	42.17	44.23	6,641.11
							Apr-21	41.91	43.97	6,641.37
							Jul-21	42.20	44.26	6,641.08
							Sep-21	43.65	45.71	6,639.63
							Jan-22	42.37	44.43	6,640.91
							Apr-22	42.36	44.42	6,640.92
							Jul-22	42.42	44.48	6,640.86
							Sep-22	42.50	44.56	6,640.78
							Jan-23	42.50	44.56	6,640.78
							Apr-23	42.38	44.44	6,640.90
							Jul-23	42.53	44.59	6,640.75
							Sep-23	42.71	44.77	6,640.57

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW22S	Alluvial	2.00	31.0-41.0	43.5	6,682.69	6,684.69	Jul-14	40.17	42.17	6,642.52
							Oct-14	40.27	42.27	6,642.42
							Jan-15	40.18	42.18	6,642.51
							Mar-15	40.37	42.37	6,642.32
							Jul-15	40.29	42.29	6,642.40
							Oct-15	40.53	42.53	6,642.16
							Jan-16	40.47	42.47	6,642.22
							Apr-16	40.61	42.61	6,642.08
							Jul-16	40.70	42.70	6,641.99
							Oct-16	Dry	Dry	Dry
							Jan-17	Dry	Dry	Dry
							Apr-17	Dry	Dry	Dry
							Jul-17	Dry	Dry	Dry
							Oct-17	Dry	Dry	Dry
							Jan-18	Dry	Dry	Dry
							Apr-18	Dry	Dry	Dry
							Jul-18	Dry	Dry	Dry
							Oct-18	Dry	Dry	Dry
							Jan-19	Dry	Dry	Dry
							Apr-19	Dry	Dry	Dry
							Jul-19	Dry	Dry	Dry
							Sep-19	Dry	Dry	Dry
		2.05			6,683.28	6,685.33	Jan-20	Dry	Dry	Dry
							Apr-20	Dry	Dry	Dry
							Jul-20	Dry	Dry	Dry
							Oct-20	Dry	Dry	Dry
							Jan-21	Dry	Dry	Dry
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Sep-21	Dry	Dry	Dry
							Jan-22	Dry	Dry	Dry
							Apr-22	Dry	Dry	Dry
							Jul-22	Dry	Dry	Dry
							Sep-22	Dry	Dry	Dry
							Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
							Jul-23	Dry	Dry	Dry
							Sep-23	Dry	Dry	Dry

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW23	Alluvial	2.04	63.5-133.5	134.0	6,652.46	6,654.50	Jul-14	13.16	15.20	6,639.30
							Oct-14	13.49	15.53	6,638.97
							Jan-15	13.22	15.26	6,639.24
							Mar-15	12.71	14.75	6,639.75
							Jul-15	12.64	14.68	6,639.82
							Oct-15	13.08	15.12	6,639.38
							Jan-16	12.94	14.98	6,639.52
							Apr-16	13.32	15.36	6,639.14
							Jul-16	13.00	15.04	6,639.46
							Oct-16	13.59	15.63	6,638.87
							Jan-17	13.33	15.37	6,639.13
							Apr-17	12.72	14.76	6,639.74
							Jul-17	12.96	15.00	6,639.50
							Oct-17	13.36	15.40	6,639.10
							Jan-18	13.35	15.39	6,639.11
							Apr-18	13.47	15.51	6,638.99
							Jul-18	13.90	15.94	6,638.56
							Oct-18	13.98	16.02	6,638.48
							Jan-19	13.99	16.03	6,638.47
							Apr-19	13.10	15.14	6,639.36
							Jul-19	13.65	15.75	6,639.34
							Sep-19	13.93	16.03	6,639.06
		2.10			6,652.99	6,655.09	Jan-20	14.05	16.15	6,638.94
							Apr-20	16.02	18.12	6,636.97
							Jul-20	14.41	16.51	6,638.58
							Oct-20	14.90	17.00	6,638.09
							Jan-21	15.16	17.26	6,637.83
							Apr-21	15.06	17.16	6,637.93
							Jul-21	15.48	17.58	6,637.51
							Oct-21	15.10	17.20	6,637.89
							Jan-22	14.68	16.78	6,638.31
							Apr-22	14.35	16.45	6,638.64
							Jul-22	14.61	16.71	6,638.38
							Sep-22	14.14	16.24	6,638.85
							Jan-23	13.05	15.15	6,639.94
							Apr-23	12.47	14.57	6,640.52
							Jul-23	12.93	15.03	6,640.06
							Sep-23	13.81	15.91	6,639.18

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW24	Alluvial	1.99	16.0-66.0	66.5	6,655.09	6,657.08	Jul-14	17.87	19.86	6,637.22
							Oct-14	18.32	20.31	6,636.77
							Jan-15	17.72	19.71	6,637.37
							Mar-15	17.31	19.30	6,637.78
							Jul-15	17.50	19.49	6,637.59
							Oct-15	19.54	21.53	6,635.55
							Jan-16	17.63	19.62	6,637.46
							Apr-16	17.95	19.94	6,637.14
							Jul-16	17.79	19.78	6,637.30
							Oct-16	18.64	20.63	6,636.45
							Jan-17	17.85	19.84	6,637.24
							Apr-17	17.30	19.29	6,637.79
							Jul-17	17.82	19.81	6,637.27
							Oct-17	18.76	20.75	6,636.33
							Jan-18	16.57	18.56	6,638.52
							Apr-18	17.98	19.97	6,637.11
							Jul-18	18.61	20.60	6,636.48
							Oct-18	18.93	20.92	6,636.16
							Jan-19	18.66	20.65	6,636.43
							Apr-19	18.06	20.05	6,637.03
							Jul-19	18.57	20.42	6,637.15
							Sep-19	17.31	19.16	6,638.41
		1.85			6,655.72	6,657.57	Jan-20	18.10	19.95	6,637.62
							Apr-20	18.14	19.99	6,637.58
							Jul-20	19.49	21.34	6,636.23
							Oct-20	19.30	21.15	6,636.42
							Jan-21	19.75	21.60	6,635.97
							Apr-21	19.35	21.20	6,636.37
							Jul-21	20.06	21.91	6,635.66
							Oct-21	20.14	21.99	6,635.58
							Jan-22	20.12	21.97	6,635.60
							Apr-22	19.30	21.15	6,636.42
							Jul-22	19.80	21.65	6,635.92
							Sep-22	19.85	21.70	6,635.87
							Jan-23	18.77	20.62	6,636.95
							Apr-23	17.30	19.15	6,638.42
							Jul-23	17.99	19.84	6,637.73
							Sep-23	19.46	21.31	6,636.26

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW25	Alluvial	2.87	45.5-65.5	65.5	6,676.18	6,679.05	Nov-19	38.90	41.77	6,637.28
							Apr-20	38.45	41.32	6,637.73
							Jul-20	38.81	41.68	6,637.37
							Oct-20	39.05	41.92	6,637.13
							Jan-21	38.99	41.86	6,637.19
							Apr-21	38.65	41.52	6,637.53
							Jul-21	39.14	42.01	6,637.04
							Oct-21	39.32	42.19	6,636.86
							Jan-22	39.16	42.03	6,637.02
							Apr-22	39.09	41.96	6,637.09
							Jul-22	39.17	42.04	6,637.01
							Sep-22	39.32	42.19	6,636.86
							Jan-23	39.22	42.09	6,636.96
							Apr-23	38.83	41.70	6,637.35
							Jul-23	39.19	42.06	6,636.99
							Sep-23	39.49	42.36	6,636.69
MW26	Alluvial	2.97	40-60	60.0	6,670.96	6,673.93	Nov-19	35.73	38.70	6,635.23
							Apr-20	27.36	30.33	6,643.60
							Jul-20	35.55	38.52	6,635.41
							Oct-20	35.76	38.73	6,635.20
							Jan-21	35.87	38.84	6,635.09
							Apr-21	35.59	38.56	6,635.37
							Jul-21	35.87	38.84	6,635.09
							Oct-21	35.95	38.92	6,635.01
							Jan-22	36.04	39.01	6,634.92
							Apr-22	35.64	38.61	6,635.32
							Jul-22	35.85	38.82	6,635.11
							Sep-22	36.02	38.99	6,634.94
							Jan-23	35.93	38.90	6,635.03
							Apr-23	35.51	38.48	6,635.45
							Jul-23	35.81	38.78	6,635.15
							Sep-23	36.09	39.06	6,634.87

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW27	Alluvial	2.46	43-63	63.0	6,690.94	6,693.40	Nov-19	42.68	45.14	6,648.26
							Apr-20	47.94	50.40	6,643.00
							Jul-20	48.02	50.48	6,642.92
							Oct-20	48.07	50.53	6,642.87
							Jan-21	55.04	57.50	6,635.90
							Apr-21	48.17	50.63	6,642.77
							Jul-21	48.34	50.80	6,642.60
							Sep-21	48.40	50.86	6,642.54
							Jan-22	48.46	50.92	6,642.48
							Apr-22	48.50	50.96	6,642.44
							Jul-22	48.49	50.95	6,642.45
							Sep-22	48.51	50.97	6,642.43
							Jan-23	48.59	51.05	6,642.35
							Apr-23	48.58	51.04	6,642.36
							Jul-23	48.78	51.24	6,642.16
							Sep-23	48.74	51.20	6,642.20
MW28	Alluvial	2.66	40-60	60.0	6,689.51	6,692.17	Nov-19	46.11	48.77	6,643.40
							Apr-20	46.28	48.94	6,643.23
							Jul-20	46.32	48.98	6,643.19
							Oct-20	46.37	49.03	6,643.14
							Jan-21	46.57	49.23	6,642.94
							Apr-21	46.45	49.11	6,643.06
							Jul-21	46.57	49.23	6,642.94
							Sep-21	46.66	49.32	6,642.85
							Jan-22	46.70	49.36	6,642.81
							Apr-22	46.83	49.49	6,642.68
							Jul-22	46.77	49.43	6,642.74
							Sep-22	46.78	49.44	6,642.73
							Jan-23	46.88	49.54	6,642.63
							Apr-23	46.85	49.51	6,642.66
							Jul-23	46.96	49.62	6,642.55
							Sep-23	47.01	49.67	6,642.50

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW29	Alluvial	2.65	37-57	57.0	6,684.49	6,687.14	Nov-19	41.47	44.12	6,643.02
							Apr-20	41.58	44.23	6,642.91
							Jul-20	41.70	44.35	6,642.79
							Oct-20	41.77	44.42	6,642.72
							Jan-21	41.94	44.59	6,642.55
							Apr-21	41.91	44.56	6,642.58
							Jul-21	42.24	44.89	6,642.25
							Sep-21	44.91	47.56	6,639.58
							Jan-22	42.21	44.86	6,642.28
							Apr-22	42.24	44.89	6,642.25
							Jul-22	42.28	44.93	6,642.21
							Sep-22	42.32	44.97	6,642.17
							Jan-23	42.38	45.03	6,642.11
							Apr-23	42.35	45.00	6,642.14
							Jul-23	42.48	45.13	6,642.01
							Sep-23	42.55	45.20	6,641.94
MW30	Alluvial	2.75	40-60	60.0	6,686.83	6,689.57	Nov-19	43.67	46.42	6,643.15
							Apr-20	43.82	46.57	6,643.00
							Jul-20	44.16	46.91	6,642.66
							Oct-20	43.96	46.71	6,642.86
							Jan-21	44.26	47.01	6,642.56
							Apr-21	43.99	46.74	6,642.83
							Jul-21	44.29	47.04	6,642.53
							Sep-21	44.27	47.02	6,642.55
							Jan-22	44.57	47.32	6,642.25
							Apr-22	44.57	47.32	6,642.25
							Jul-22	44.42	47.17	6,642.40
							Sep-22	44.42	47.17	6,642.40
							Jan-23	44.46	47.21	6,642.36
							Apr-23	44.25	47.00	6,642.57
							Jul-23	44.56	47.31	6,642.26
							Sep-23	44.50	47.25	6,642.32

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW31	Alluvial	2.68	36-56	56.0	6,681.76	6,684.45	Nov-19	40.50	43.18	6,641.27
							Apr-20	40.39	43.07	6,641.38
							Jul-20	40.64	43.32	6,641.13
							Oct-20	40.76	43.44	6,641.01
							Jan-21	40.98	43.66	6,640.79
							Apr-21	40.69	43.37	6,641.08
							Jul-21	41.00	43.68	6,640.77
							Sep-21	41.16	43.84	6,640.61
							Jan-22	41.15	43.83	6,640.62
							Apr-22	41.19	43.87	6,640.58
							Jul-22	41.22	43.90	6,640.55
							Sep-22	41.30	43.98	6,640.47
							Jan-23	41.31	43.99	6,640.46
							Apr-23	41.05	43.73	6,640.72
							Jul-23	41.45	44.13	6,640.32
							Sep-23	41.51	44.19	6,640.26
MW32	Alluvial	2.54	40-60	60.0	6,684.84	6,687.37	Nov-19	44.03	46.57	6,640.80
							Apr-20	43.73	46.27	6,641.10
							Jul-20	44.99	47.53	6,639.84
							Oct-20	44.13	46.67	6,640.70
							Jan-21	44.30	46.84	6,640.53
							Apr-21	44.02	46.56	6,640.81
							Jul-21	44.34	46.88	6,640.49
							Sep-21	44.51	47.05	6,640.32
							Jan-22	44.42	46.96	6,640.41
							Apr-22	44.41	46.95	6,640.42
							Jul-22	44.52	47.06	6,640.31
							Sep-22	44.49	47.03	6,640.34
							Jan-23	44.55	47.09	6,640.28
							Apr-23	44.36	46.90	6,640.47
							Jul-23	44.63	47.17	6,640.20
							Sep-23	44.76	47.30	6,640.07

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW33	Alluvial	3.01	37-57	57.0	6,675.98	6,679.00	Nov-19	42.16	45.17	6,633.83
							Apr-20	41.64	44.65	6,634.35
							Jul-20	41.78	44.79	6,634.21
							Oct-20	42.01	45.02	6,633.98
							Jan-21	42.21	45.22	6,633.78
							Apr-21	41.96	44.97	6,634.03
							Jul-21	42.26	45.27	6,633.73
							Oct-21	42.34	45.35	6,633.65
							Jan-22	42.57	45.58	6,633.42
							Apr-22	42.46	45.47	6,633.53
							Jul-22	42.40	45.41	6,633.59
							Sep-22	42.50	45.51	6,633.49
							Jan-23	42.46	45.47	6,633.53
							Apr-23	42.13	45.14	6,633.86
							Jul-23	42.45	45.46	6,633.54
							Sep-23	42.81	45.82	6,633.18
MW34	Alluvial	2.88	40-60	60.0	6,672.91	6,675.80	Nov-19	40.83	43.71	6,632.09
							Apr-20	40.33	43.21	6,632.59
							Jul-20	40.35	43.23	6,632.57
							Oct-20	40.73	43.61	6,632.19
							Jan-21	40.72	43.60	6,632.20
							Apr-21	40.72	43.60	6,632.20
							Jul-21	40.81	43.69	6,632.11
							Oct-21	40.67	43.55	6,632.25
							Jan-22	40.99	43.87	6,631.93
							Apr-22	40.94	43.82	6,631.98
							Jul-22	40.59	43.47	6,632.33
							Sep-22	40.99	43.87	6,631.93
							Jan-23	40.73	43.61	6,632.19
							Apr-23	40.35	43.23	6,632.57
							Jul-23	40.49	43.37	6,632.43
							Sep-23	40.74	43.62	6,632.18

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW35	Alluvial	2.42	41-61	61.0	6,708.96	6,711.38	Nov-19	20.87	23.29	6,688.09
							Apr-20	30.67	33.09	6,678.29
							Jul-20	31.17	33.59	6,677.79
							Oct-20	31.57	33.99	6,677.39
							Jan-21	31.83	34.25	6,677.13
							Apr-21	31.79	34.21	6,677.17
							Jul-21	32.38	34.80	6,676.58
							Sep-21	32.63	35.05	6,676.33
							Jan-22	32.69	35.11	6,676.27
							Apr-22	32.58	35.00	6,676.38
							Jul-22	32.92	35.34	6,676.04
							Sep-22	33.21	35.63	6,675.75
							Jan-23	32.89	35.31	6,676.07
							Apr-23	32.70	35.12	6,676.26
							Jul-23	33.06	35.48	6,675.90
							Sep-23	33.61	36.03	6,675.35
MW36S	Alluvial	2.77	30-50	50.0	6,653.54	6,656.31	Nov-19	19.18	21.95	6,634.36
							Apr-20	18.97	21.74	6,634.57
							Jul-20	19.33	22.10	6,634.21
							Oct-20	19.87	22.64	6,633.67
							Jan-21	20.09	22.86	6,633.45
							Apr-21	19.69	22.46	6,633.85
							Jul-21	20.01	22.78	6,633.53
							Oct-21	20.19	22.96	6,633.35
							Jan-22	20.41	23.18	6,633.13
							Apr-22	19.89	22.66	6,633.65
							Jul-22	19.78	22.55	6,633.76
							Sep-22	20.18	22.95	6,633.36
							Jan-23	19.34	22.11	6,634.20
							Apr-23	18.71	21.48	6,634.83
							Jul-23	18.85	21.62	6,634.69
							Sep-23	19.27	22.04	6,634.27

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW36D	Alluvial	2.75	55-75	75.0	6,653.48	6,656.23	Nov-19	14.40	17.15	6,639.08
							Apr-20	14.14	16.89	6,639.34
							Jul-20	14.70	17.45	6,638.78
							Oct-20	15.16	17.91	6,638.32
							Jan-21	15.16	17.91	6,638.32
							Apr-21	15.03	17.78	6,638.45
							Jul-21	15.73	18.48	6,637.75
							Oct-21	15.50	18.25	6,637.98
							Jan-22	14.99	17.74	6,638.49
							Apr-22	14.62	17.37	6,638.86
							Jul-22	14.84	17.59	6,638.64
							Sep-22	14.65	17.40	6,638.83
							Jan-23	13.74	16.49	6,639.74
							Apr-23	13.41	16.16	6,640.07
							Jul-23	13.47	16.22	6,640.01
							Sep-23	14.21	16.96	6,639.27
MW37	Alluvial	2.68	25-45	45.0	6,663.34	6,666.02	Jan-21	27.71	30.39	6,635.63
							Apr-21	27.41	30.09	6,635.93
							Jul-21	27.81	30.49	6,635.53
							Oct-21	27.96	30.64	6,635.38
							Jan-22	28.00	30.68	6,635.34
							Apr-22	27.76	30.44	6,635.58
							Jul-22	27.83	30.51	6,635.51
							Sep-22	28.17	30.85	6,635.17
							Jan-23	27.87	30.55	6,635.47
							Apr-23	27.32	30.00	6,636.02
							Jul-23	27.71	30.39	6,635.63
							Sep-23	28.03	30.71	6,635.31
MW38	Alluvial	2.43	30-50	50.0	6,665.48	6,667.91	Jan-21	32.09	34.52	6,633.39
							Apr-21	31.80	34.23	6,633.68
							Jul-21	32.28	34.71	6,633.20
							Oct-21	32.44	34.87	6,633.04
							Jan-22	32.33	34.76	6,633.15
							Apr-22	32.05	34.48	6,633.43
							Jul-22	32.36	34.79	6,633.12
							Sep-22	32.53	34.96	6,632.95
							Jan-23	32.35	34.78	6,633.13
							Apr-23	31.94	34.37	6,633.54
							Jul-23	32.31	34.74	6,633.17
							Sep-23	32.72	35.15	6,632.76

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
MW39	Alluvial	2.60	30-50	50.0	6,670.64	6,673.24	Jan-21	35.46	38.06	6,635.18
							Apr-21	35.25	37.85	6,635.39
							Jul-21	35.67	38.27	6,634.97
							Oct-21	35.85	38.45	6,634.79
							Jan-22	35.75	38.35	6,634.89
							Apr-22	35.54	38.14	6,635.10
							Jul-22	35.83	38.43	6,634.81
							Sep-22	35.92	38.52	6,634.72
							Jan-23	35.75	38.35	6,634.89
							Apr-23	35.45	38.05	6,635.19
							Jul-23	35.75	38.35	6,634.89
							Sep-23	35.96	38.56	6,634.68
SMW01	Alluvial	1.53	29.9-49.9	50.2	6,668.41	6,669.94	Jul-14	29.32	30.85	6,639.09
							Oct-14	29.56	31.09	6,638.85
							Jan-15	29.19	30.72	6,639.22
							Mar-15	29.27	30.80	6,639.14
							Jul-15	29.66	31.19	6,638.75
							Oct-15	29.92	31.45	6,638.49
							Jan-16	29.67	31.20	6,638.74
							Apr-16	29.88	31.41	6,638.53
							Jul-16	30.30	31.83	6,638.11
							Oct-16	30.58	32.11	6,637.83
							Jan-17	30.34	31.87	6,638.07
							Apr-17	31.27	32.80	6,637.14
							Jul-17	30.77	32.30	6,637.64
							Oct-17	31.17	32.70	6,637.24
							Jan-18	30.84	32.37	6,637.57
							Apr-18	30.66	32.19	6,637.75
							Jul-18	31.25	32.78	6,637.16
							Oct-18	31.29	32.82	6,637.12
							Jan-19	31.32	32.85	6,637.09
							Apr-19	31.26	32.79	6,637.15
							Jul-19	31.52	32.89	6,637.16
							Sep-19	31.13	32.50	6,637.55
		1.37			6,668.68	6,670.05	Jan-20	31.66	33.03	6,637.02
							Apr-20	31.38	32.75	6,637.30
							Jul-20	31.49	32.86	6,637.19
							Oct-20	31.94	33.31	6,636.74
							Jan-21	32.35	33.72	6,636.33
							Apr-21	31.58	32.95	6,637.10
							Jul-21	32.75	34.12	6,635.93
							Oct-21	32.90	34.27	6,635.78
							Jan-22	32.75	34.12	6,635.93
							Apr-22	32.71	34.08	6,635.97
							Jul-22	32.83	34.20	6,635.85
							Sep-22	32.71	34.08	6,635.97
							Jan-23	32.92	34.29	6,635.76
							Apr-23	32.51	33.88	6,636.17
							Jul-23	32.52	33.89	6,636.16
							Sep-23	31.76	33.13	6,636.92

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW01	Alluvial	2.05	44.0-59.0	60.0	6,709.79	6,711.84	Jul-14	36.66	38.71	6,673.13
							Oct-14	36.96	39.01	6,672.83
							Jan-15	36.96	39.01	6,672.83
							Mar-15	37.18	39.23	6,672.61
							Jul-15	37.32	39.37	6,672.47
							Oct-15	37.57	39.62	6,672.22
							Jan-16	37.58	39.63	6,672.21
							Apr-16	37.89	39.94	6,671.90
							Jul-16	38.11	40.16	6,671.68
							Oct-16	38.36	40.41	6,671.43
							Jan-17	38.29	40.34	6,671.50
							Apr-17	38.61	40.66	6,671.18
							Jul-17	38.80	40.85	6,670.99
							Oct-17	39.15	41.20	6,670.64
							Jan-18	39.25	41.30	6,670.54
							Apr-18	39.36	41.41	6,670.43
							Jul-18	39.63	41.68	6,670.16
							Oct-18	39.73	41.78	6,670.06
							Jan-19	40.10	42.15	6,669.69
							Apr-19	40.07	42.12	6,669.72
							Jul-19	40.78	42.50	6,670.00
							Sep-19	40.79	42.51	6,669.99
		1.72			6,710.79	6,712.50	Jan-20	41.10	42.82	6,669.68
							Apr-20	41.26	42.98	6,669.52
							Jul-20	41.48	43.20	6,669.30
							Oct-20	41.69	43.41	6,669.09
							Jan-21	41.85	43.57	6,668.93
							Apr-21	41.96	43.68	6,668.82
							Jul-21	42.25	43.97	6,668.53
							Oct-21	42.44	44.16	6,668.34
							Jan-22	42.68	44.40	6,668.10
							Apr-22	42.74	44.46	6,668.04
							Jul-22	42.84	44.56	6,667.94
							Sep-22	43.03	44.75	6,667.75
							Jan-23	43.27	44.99	6,667.51
							Apr-23	43.23	44.95	6,667.55
							Jul-23	43.53	45.25	6,667.25
							Sep-23	43.69	45.41	6,667.09

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW02	Alluvial	2.01	67.9-81.9	85.0	6,703.34	6,705.35	Jul-14	53.67	55.68	6,649.67
							Oct-14	53.75	55.76	6,649.59
							Jan-15	53.68	55.69	6,649.66
							Mar-15	53.81	55.82	6,649.53
							Jul-15	53.84	55.85	6,649.50
							Oct-15	53.89	55.90	6,649.45
							Jan-16	53.81	55.82	6,649.53
							Apr-16	54.03	56.04	6,649.31
							Jul-16	54.75	56.76	6,648.59
							Oct-16	54.17	56.18	6,649.17
							Jan-17	53.93	55.94	6,649.41
							Apr-17	54.15	56.16	6,649.19
							Jul-17	55.27	57.28	6,648.07
							Oct-17	54.38	56.39	6,648.96
							Jan-18	54.35	56.36	6,648.99
							Apr-18	54.42	56.43	6,648.92
							Jul-18	54.27	56.28	6,649.07
							Oct-18	54.47	56.48	6,648.87
							Jan-19	54.47	56.48	6,648.87
							Apr-19	54.49	56.50	6,648.85
							Jul-19	55.19	56.72	6,649.31
							Sep-19	54.95	56.48	6,649.55
		1.53			6,704.51	6,706.03	Jan-20	55.10	56.63	6,649.40
							Apr-20	55.15	56.68	6,649.35
							Jul-20	55.15	56.68	6,649.35
							Oct-20	55.26	56.79	6,649.24
							Jan-21	55.33	56.86	6,649.17
							Apr-21	55.28	56.81	6,649.22
							Jul-21	55.39	56.92	6,649.11
							Sep-21	55.42	56.95	6,649.08
							Jan-22	55.55	57.08	6,648.95
							Apr-22	55.56	57.09	6,648.94
							Jul-22	55.57	57.10	6,648.93
							Sep-22	55.62	57.15	6,648.88
							Jan-23	55.72	57.25	6,648.78
							Apr-23	55.63	57.16	6,648.87
							Jul-23	55.86	57.39	6,648.64
							Sep-23	55.84	57.37	6,648.66

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW03	Alluvial	2.06	49.8-69.8	70.1	6,700.37	6,702.43	Jul-14	55.09	57.15	6,645.28
							Oct-14	55.18	57.24	6,645.19
							Jan-15	55.12	57.18	6,645.25
							Mar-15	55.26	57.32	6,645.11
							Jul-15	55.26	57.32	6,645.11
							Oct-15	55.33	57.39	6,645.04
							Jan-16	55.26	57.32	6,645.11
							Apr-16	55.34	57.40	6,645.03
							Jul-16	55.39	57.45	6,644.98
							Oct-16	55.44	57.50	6,644.93
							Jan-17	55.33	57.39	6,645.04
							Apr-17	55.50	57.56	6,644.87
							Jul-17	55.55	57.61	6,644.82
							Oct-17	55.63	57.69	6,644.74
							Jan-18	55.69	57.75	6,644.68
							Apr-18	55.67	57.73	6,644.70
							Jul-18	55.76	57.82	6,644.61
							Oct-18	55.73	57.79	6,644.64
							Jan-19	55.88	57.94	6,644.49
							Apr-19	55.83	57.89	6,644.54
							Jul-19	56.14	58.01	6,645.21
							Sep-19	56.02	57.89	6,645.33
		1.87			6,701.35	6,703.22	Jan-20	56.21	58.08	6,645.14
							Apr-20	56.23	58.10	6,645.12
							Jul-20	56.22	58.09	6,645.13
							Oct-20	56.38	58.25	6,644.97
							Jan-21	56.39	58.26	6,644.96
							Apr-21	56.43	58.30	6,644.92
							Jul-21	56.43	58.30	6,644.92
							Sep-21	56.53	58.40	6,644.82
							Jan-22	56.63	58.50	6,644.72
							Apr-22	56.64	58.51	6,644.71
							Jul-22	56.65	58.52	6,644.70
							Sep-22	56.47	58.34	6,644.88
							Jan-23	56.83	58.70	6,644.52
							Apr-23	56.78	58.65	6,644.57
							Jul-23	56.89	58.76	6,644.46
							Sep-23	56.93	58.80	6,644.42

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW04	Alluvial	1.86	50.0-70.0	70.5	6,699.00	6,700.86	Jul-14	54.59	56.45	6,644.41
							Oct-14	54.65	56.51	6,644.35
							Jan-15	54.56	56.42	6,644.44
							Mar-15	54.66	56.52	6,644.34
							Jul-15	54.64	56.50	6,644.36
							Oct-15	54.68	56.54	6,644.32
							Jan-16	54.64	56.50	6,644.36
							Apr-16	54.83	56.69	6,644.17
							Jul-16	54.80	56.66	6,644.20
							Oct-16	54.85	56.71	6,644.15
							Jan-17	55.63	57.49	6,643.37
							Apr-17	54.87	56.73	6,644.13
							Jul-17	54.94	56.80	6,644.06
							Oct-17	55.02	56.88	6,643.98
							Jan-18	55.03	56.89	6,643.97
							Apr-18	55.03	56.89	6,643.97
							Jul-18	55.12	56.98	6,643.88
							Oct-18	54.92	56.78	6,644.08
							Jan-19	55.18	57.04	6,643.82
							Apr-19	55.17	57.03	6,643.83
							Jul-19	55.32	57.12	6,644.53
							Sep-19	55.07	56.87	6,644.78
		1.80			6,699.85	6,701.65	Jan-20	55.31	57.11	6,644.54
							Apr-20	55.40	57.20	6,644.45
							Jul-20	55.29	57.09	6,644.56
							Oct-20	55.40	57.20	6,644.45
							Jan-21	55.51	57.31	6,644.34
							Apr-21	55.44	57.24	6,644.41
							Jul-21	55.51	57.31	6,644.34
							Sep-21	55.54	57.34	6,644.31
							Jan-22	55.28	57.08	6,644.57
							Apr-22	55.71	57.51	6,644.14
							Jul-22	55.62	57.42	6,644.23
							Sep-22	55.66	57.46	6,644.19
							Jan-23	56.04	57.84	6,643.81
							Apr-23	55.61	57.41	6,644.24
							Jul-23	55.83	57.63	6,644.02
							Sep-23	55.79	57.59	6,644.06

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW06	Alluvial	1.55	45.0-55.0	57.0	6,689.08	6,690.63	Jul-14	45.64	47.19	6,643.44
							Oct-14	45.72	47.27	6,643.36
							Jan-15	45.55	47.10	6,643.53
							Mar-15	45.76	47.31	6,643.32
							Jul-15	45.67	47.22	6,643.41
							Oct-15	45.78	47.33	6,643.30
							Jan-16	45.59	47.14	6,643.49
							Apr-16	45.97	47.52	6,643.11
							Jul-16	46.01	47.56	6,643.07
							Oct-16	45.96	47.51	6,643.12
							Jan-17	45.62	47.17	6,643.46
							Apr-17	46.03	47.58	6,643.05
							Jul-17	46.12	47.67	6,642.96
							Oct-17	46.23	47.78	6,642.85
							Jan-18	46.16	47.71	6,642.92
							Apr-18	46.14	47.69	6,642.94
							Jul-18	46.21	47.76	6,642.87
							Oct-18	46.08	47.63	6,643.00
							Jan-19	46.24	47.79	6,642.84
							Apr-19	46.41	47.96	6,642.67
							Jul-19	46.56	48.03	6,643.31
							Sep-19	46.35	47.82	6,643.52
		1.47			6,689.87	6,691.34	Jan-20	46.45	47.92	6,643.42
							Apr-20	46.64	48.11	6,643.23
							Jul-20	46.55	48.02	6,643.32
							Oct-20	46.62	48.09	6,643.25
							Jan-21	46.89	48.36	6,642.98
							Apr-21	46.61	48.08	6,643.26
							Jul-21	46.87	48.34	6,643.00
							Sep-21	46.88	48.35	6,642.99
							Jan-22	47.08	48.55	6,642.79
							Apr-22	47.28	48.75	6,642.59
							Jul-22	47.13	48.60	6,642.74
							Sep-22	47.07	48.54	6,642.80
							Jan-23	47.15	48.62	6,642.72
							Apr-23	46.88	48.35	6,642.99
							Jul-23	47.07	48.54	6,642.80
							Sep-23	47.16	48.63	6,642.71

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW07	Alluvial	1.39	65.0-75.0	76.0	6,689.08	6,690.47	Jul-14	46.02	47.41	6,643.06
							Oct-14	45.67	47.06	6,643.41
							Jan-15	45.86	47.25	6,643.22
							Mar-15	45.71	47.10	6,643.37
							Jul-15	45.93	47.32	6,643.15
							Oct-15	45.65	47.04	6,643.43
							Jan-16	45.49	46.88	6,643.59
							Apr-16	45.56	46.95	6,643.52
							Jul-16	45.76	47.15	6,643.32
							Oct-16	45.61	47.00	6,643.47
							Jan-17	45.80	47.19	6,643.28
							Apr-17	45.59	46.98	6,643.49
							Jul-17	46.47	47.86	6,642.61
							Oct-17	46.39	47.78	6,642.69
							Jan-18	46.29	47.68	6,642.79
							Apr-18	45.75	47.14	6,643.33
							Jul-18	46.38	47.77	6,642.70
							Oct-18	45.71	47.10	6,643.37
							Jan-19	46.19	47.58	6,642.89
							Apr-19	45.95	47.34	6,643.13
							Jul-19	46.51	47.89	6,643.34
							Sep-19	45.96	47.34	6,643.89
		1.38			6,689.84	6,691.23	Jan-20	46.47	47.85	6,643.38
							Apr-20	45.91	47.29	6,643.94
							Jul-20	46.39	47.77	6,643.46
							Oct-20	46.17	47.55	6,643.68
							Jan-21	46.73	48.11	6,643.12
							Apr-21	46.01	47.39	6,643.84
							Jul-21	46.62	48.00	6,643.23
							Sep-21	46.20	47.58	6,643.65
							Jan-22	47.08	48.46	6,642.77
							Apr-22	46.45	47.83	6,643.40
							Jul-22	46.74	48.12	6,643.11
							Sep-22	46.43	47.81	6,643.42
							Jan-23	46.34	47.72	6,643.51
							Apr-23	45.90	47.28	6,643.95
							Jul-23	46.70	48.08	6,643.15
							Sep-23	46.59	47.97	6,643.26

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW08	Alluvial	1.76	30.0-60.0	62.0	6,678.55	6,680.31	Jul-14	35.17	36.93	6,643.38
							Oct-14	35.31	37.07	6,643.24
							Jan-15	35.18	36.94	6,643.37
							Mar-15	35.41	37.17	6,643.14
							Jul-15	35.32	37.08	6,643.23
							Oct-15	35.44	37.20	6,643.11
							Jan-16	35.28	37.04	6,643.27
							Apr-16	35.62	37.38	6,642.93
							Jul-16	35.60	37.36	6,642.95
							Oct-16	35.81	37.57	6,642.74
							Jan-17	35.57	37.33	6,642.98
							Apr-17	35.82	37.58	6,642.73
							Jul-17	35.94	37.70	6,642.61
							Oct-17	36.21	37.97	6,642.34
							Jan-18	35.98	37.74	6,642.57
							Apr-18	35.91	37.67	6,642.64
							Jul-18	36.13	37.89	6,642.42
							Oct-18	35.88	37.64	6,642.67
							Jan-19	35.31	37.07	6,643.24
							Apr-19	36.38	38.14	6,642.17
							Jul-19	36.67	38.16	6,642.89
							Sep-19	36.24	37.73	6,643.32
		1.49			6,679.56	6,681.05	Jan-20	36.60	38.09	6,642.96
							Apr-20	36.81	38.30	6,642.75
							Jul-20	36.72	38.21	6,642.84
							Oct-20	36.90	38.39	6,642.66
							Jan-21	37.20	38.69	6,642.36
							Apr-21	36.93	38.42	6,642.63
							Jul-21	37.28	38.77	6,642.28
							Oct-21	37.20	38.69	6,642.36
							Jan-22	37.46	38.95	6,642.10
							Apr-22	37.46	38.95	6,642.10
							Jul-22	37.36	38.85	6,642.20
							Sep-22	37.52	39.01	6,642.04
							Jan-23	37.32	38.81	6,642.24
							Apr-23	37.11	38.60	6,642.45
							Jul-23	37.53	39.02	6,642.03
							Sep-23	37.50	38.99	6,642.06

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW10	Alluvial	2.30	28.0-58.0	65.0	6,677.74	6,680.04	Jul-14	35.48	37.78	6,642.26
							Oct-14	35.60	37.90	6,642.14
							Jan-15	35.45	37.75	6,642.29
							Mar-15	35.64	37.94	6,642.10
							Jul-15	35.62	37.92	6,642.12
							Oct-15	35.77	38.07	6,641.97
							Jan-16	35.61	37.91	6,642.13
							Apr-16	35.86	38.16	6,641.88
							Jul-16	35.98	38.28	6,641.76
							Oct-16	36.20	38.50	6,641.54
							Jan-17	36.07	38.37	6,641.67
							Apr-17	36.07	38.37	6,641.67
							Jul-17	36.26	38.56	6,641.48
							Oct-17	36.60	38.90	6,641.14
							Jan-18	36.47	38.77	6,641.27
							Apr-18	36.38	38.68	6,641.36
							Jul-18	36.64	38.94	6,641.10
							Oct-18	36.62	38.92	6,641.12
							Jan-19	36.82	39.12	6,640.92
							Apr-19	36.82	39.12	6,640.92
							Jul-19	37.35	39.26	6,641.50
							Sep-19	37.23	39.14	6,641.62
		1.91			6,678.85	6,680.76	Jan-20	37.48	39.39	6,641.37
							Apr-20	37.49	39.40	6,641.36
							Jul-20	37.54	39.45	6,641.31
							Oct-20	37.78	39.69	6,641.07
							Jan-21	38.00	39.91	6,640.85
							Apr-21	39.61	41.52	6,639.24
							Jul-21	38.04	39.95	6,640.81
							Sep-21	38.12	40.03	6,640.73
							Jan-22	38.18	40.09	6,640.67
							Apr-22	38.24	40.15	6,640.61
							Jul-22	38.19	40.10	6,640.66
							Sep-22	38.21	40.12	6,640.64
							Jan-23	38.25	40.16	6,640.60
							Apr-23	37.90	39.81	6,640.95
							Jul-23	38.40	40.31	6,640.45
							Sep-23	38.50	40.41	6,640.35

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW11	Alluvial	2.12	55.0-80.0	82.0	6,716.16	6,718.28	Jul-14	65.46	67.58	6,650.70
							Oct-14	65.61	67.73	6,650.55
							Jan-15	65.68	67.80	6,650.48
							Mar-15	65.69	67.81	6,650.47
							Jul-15	65.81	67.93	6,650.35
							Oct-15	65.98	68.10	6,650.18
							Jan-16	66.07	68.19	6,650.09
							Apr-16	66.10	68.22	6,650.06
							Jul-16	66.28	68.40	6,649.88
							Oct-16	66.27	68.39	6,649.89
							Jan-17	66.47	68.59	6,649.69
							Apr-17	66.84	68.96	6,649.32
							Jul-17	66.62	68.74	6,649.54
							Oct-17	66.85	68.97	6,649.31
							Jan-18	66.93	69.05	6,649.23
							Apr-18	67.00	69.12	6,649.16
							Jul-18	67.14	69.26	6,649.02
							Oct-18	67.31	69.43	6,648.85
							Jan-19	72.90	75.02	6,643.26
							Apr-19	72.09	74.21	6,644.07
							Jul-19	77.45	79.25	6,639.88
							Sep-19	76.68	78.48	6,640.65
		1.80			6,717.32	6,719.13	Jan-20	77.88	79.68	6,639.45
							Apr-20	77.13	78.93	6,640.20
							Jul-20	80.01	81.81	6,637.32
							Oct-20	80.16	81.96	6,637.17
							Jan-21	79.82	81.62	6,637.51
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Oct-21	80.17	81.97	6,637.16
							Jan-22	79.82	81.62	6,637.51
							Apr-22	79.29	81.09	6,638.04
							Jul-22	80.17	81.97	6,637.16
							Sep-22	Dry	Dry	Dry
							Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
							Jul-23	Dry	Dry	Dry
							Sep-23	Dry	Dry	Dry

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW13	Alluvial	2.07	60.7-70.7	72.5	6,705.42	6,707.49	Jul-14	58.30	60.37	6,647.12
							Oct-14	58.40	60.47	6,647.02
							Jan-15	58.39	60.46	6,647.03
							Mar-15	58.43	60.50	6,646.99
							Jul-15	58.49	60.56	6,646.93
							Oct-15	58.59	60.66	6,646.83
							Jan-16	58.62	60.69	6,646.80
							Apr-16	58.68	60.75	6,646.74
							Jul-16	58.75	60.82	6,646.67
							Oct-16	58.89	60.96	6,646.53
							Jan-17	58.82	60.89	6,646.60
							Apr-17	58.93	61.00	6,646.49
							Jul-17	58.95	61.02	6,646.47
							Oct-17	59.13	61.20	6,646.29
							Jan-18	59.16	61.23	6,646.26
							Apr-18	59.18	61.25	6,646.24
							Jul-18	59.27	61.34	6,646.15
							Oct-18	59.34	61.41	6,646.08
							Jan-19	59.36	61.43	6,646.06
							Apr-19	59.40	61.47	6,646.02
							Jul-19	60.14	61.60	6,646.61
							Sep-19	60.14	61.60	6,646.61
		1.46			6,706.75	6,708.21	Jan-20	60.30	61.76	6,646.45
							Apr-20	60.36	61.82	6,646.39
							Jul-20	60.42	61.88	6,646.33
							Oct-20	60.54	62.00	6,646.21
							Jan-21	60.58	62.04	6,646.17
							Apr-21	60.67	62.13	6,646.08
							Jul-21	60.73	62.19	6,646.02
							Oct-21	60.86	62.32	6,645.89
							Jan-22	60.92	62.38	6,645.83
							Apr-22	60.97	62.43	6,645.78
							Jul-22	61.00	62.46	6,645.75
							Sep-22	61.09	62.55	6,645.66
							Jan-23	61.26	62.72	6,645.49
							Apr-23	61.28	62.74	6,645.47
							Jul-23	61.35	62.81	6,645.40
							Sep-23	61.47	62.93	6,645.28

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW15	Alluvial	3.09	56.0-71.0	82.0	6,710.80	6,713.89	Jul-14	61.85	64.94	6,648.95
							Oct-14	61.96	65.05	6,648.84
							Jan-15	61.99	65.08	6,648.81
							Mar-15	62.02	65.11	6,648.78
							Jul-15	62.13	65.22	6,648.67
							Oct-15	62.26	65.35	6,648.54
							Jan-16	62.29	65.38	6,648.51
							Apr-16	62.33	65.42	6,648.47
							Jul-16	62.44	65.53	6,648.36
							Oct-16	62.61	65.70	6,648.19
							Jan-17	62.61	65.70	6,648.19
							Apr-17	62.65	65.74	6,648.15
							Jul-17	62.74	65.83	6,648.06
							Oct-17	63.06	66.15	6,647.74
							Jan-18	62.98	66.07	6,647.82
							Apr-18	63.00	66.09	6,647.80
							Jul-18	63.17	66.26	6,647.63
							Oct-18	63.25	66.34	6,647.55
							Jan-19	63.31	66.40	6,647.49
							Apr-19	63.39	66.48	6,647.41
							Jul-19	63.63	66.60	6,648.08
							Sep-19	63.71	66.68	6,648.00
		2.97			6,711.71	6,714.68	Jan-20	63.82	66.79	6,647.89
							Apr-20	63.76	66.73	6,647.95
							Jul-20	64.11	67.08	6,647.60
							Oct-20	64.14	67.11	6,647.57
							Jan-21	64.24	67.21	6,647.47
							Apr-21	64.33	67.30	6,647.38
							Jul-21	64.48	67.45	6,647.23
							Oct-21	64.58	67.55	6,647.13
							Jan-22	64.88	67.85	6,646.83
							Apr-22	64.78	67.75	6,646.93
							Jul-22	64.84	67.81	6,646.87
							Sep-22	64.98	67.95	6,646.73
							Jan-23	65.17	68.14	6,646.54
							Apr-23	65.25	68.22	6,646.46
							Jul-23	65.36	68.33	6,646.35
							Sep-23	65.54	68.51	6,646.17

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW21	Alluvial	2.39	48.0-58.0	72.0	6,692.75	6,695.14	Jul-14	48.46	50.85	6,644.29
							Oct-14	48.51	50.90	6,644.24
							Jan-15	48.43	50.82	6,644.32
							Mar-15	48.52	50.91	6,644.23
							Jul-15	48.51	50.90	6,644.24
							Oct-15	48.49	50.88	6,644.26
							Jan-16	48.49	50.88	6,644.26
							Apr-16	48.66	51.05	6,644.09
							Jul-16	48.65	51.04	6,644.10
							Oct-16	48.69	51.08	6,644.06
							Jan-17	48.80	51.19	6,643.95
							Apr-17	48.73	51.12	6,644.02
							Jul-17	48.79	51.18	6,643.96
							Oct-17	48.94	51.33	6,643.81
							Jan-18	48.97	51.36	6,643.78
							Apr-18	48.94	51.33	6,643.81
							Jul-18	49.07	51.46	6,643.68
							Oct-18	49.04	51.43	6,643.71
							Jan-19	49.15	51.54	6,643.60
							Apr-19	49.13	51.52	6,643.62
							Jul-19	49.06	51.17	6,644.69
							Sep-19	49.52	51.63	6,644.23
		2.11			6,693.75	6,695.86	Jan-20	49.59	51.70	6,644.16
							Apr-20	49.90	52.01	6,643.85
							Jul-20	49.72	51.83	6,644.03
							Oct-20	49.79	51.90	6,643.96
							Jan-21	49.99	52.10	6,643.76
							Apr-21	49.83	51.94	6,643.92
							Jul-21	49.99	52.10	6,643.76
							Sep-21	50.10	52.21	6,643.65
							Jan-22	50.14	52.25	6,643.61
							Apr-22	50.20	52.31	6,643.55
							Jul-22	50.19	52.30	6,643.56
							Sep-22	50.19	52.30	6,643.56
							Jan-23	50.39	52.50	6,643.36
							Apr-23	50.30	52.41	6,643.45
							Jul-23	50.69	52.80	6,643.06
							Sep-23	50.48	52.59	6,643.27

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW22	Alluvial	1.94	52.0-62.0	77.0	6,689.80	6,691.74	Jul-14	46.78	48.72	6,643.02
							Oct-14	46.74	48.68	6,643.06
							Jan-15	46.58	48.52	6,643.22
							Mar-15	46.77	48.71	6,643.03
							Jul-15	46.73	48.67	6,643.07
							Oct-15	46.77	48.71	6,643.03
							Jan-16	46.52	48.46	6,643.28
							Apr-16	46.89	48.83	6,642.91
							Jul-16	46.80	48.74	6,643.00
							Oct-16	46.55	48.49	6,643.25
							Jan-17	46.45	48.39	6,643.35
							Apr-17	46.82	48.76	6,642.98
							Jul-17	46.96	48.90	6,642.84
							Oct-17	47.11	49.05	6,642.69
							Jan-18	46.87	48.81	6,642.93
							Apr-18	46.91	48.85	6,642.89
							Jul-18	46.99	48.93	6,642.81
							Oct-18	46.62	48.56	6,643.18
							Jan-19	46.95	48.89	6,642.85
							Apr-19	47.09	49.03	6,642.71
							Jul-19	47.48	49.09	6,643.42
							Sep-19	47.14	48.75	6,643.76
		1.61			6,690.90	6,692.51	Jan-20	47.35	48.96	6,643.55
							Apr-20	47.41	49.02	6,643.49
							Jul-20	47.37	48.98	6,643.53
							Oct-20	47.45	49.06	6,643.45
							Jan-21	47.70	49.31	6,643.20
							Apr-21	47.43	49.04	6,643.47
							Jul-21	47.67	49.28	6,643.23
							Sep-21	47.60	49.21	6,643.30
							Jan-22	47.93	49.54	6,642.97
							Apr-22	47.83	49.44	6,643.07
							Jul-22	47.74	49.35	6,643.16
							Sep-22	47.80	49.41	6,643.10
							Jan-23	47.78	49.39	6,643.12
							Apr-23	47.50	49.11	6,643.40
							Jul-23	47.88	49.49	6,643.02
							Sep-23	47.77	49.38	6,643.13

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW23	Alluvial	2.29	46.0-56.0	72.0	6,685.37	6,687.66	Jul-14	43.15	45.44	6,642.22
							Oct-14	43.20	45.49	6,642.17
							Jan-15	43.03	45.32	6,642.34
							Mar-15	43.19	45.48	6,642.18
							Jul-15	43.03	45.32	6,642.34
							Oct-15	43.14	45.43	6,642.23
							Jan-16	42.91	45.20	6,642.46
							Apr-16	43.26	45.55	6,642.11
							Jul-16	43.21	45.50	6,642.16
							Oct-16	43.28	45.57	6,642.09
							Jan-17	42.81	45.10	6,642.56
							Apr-17	43.20	45.49	6,642.17
							Jul-17	43.35	45.64	6,642.02
							Oct-17	43.51	45.80	6,641.86
							Jan-18	43.32	45.61	6,642.05
							Apr-18	44.26	46.55	6,641.11
							Jul-18	43.37	45.66	6,642.00
							Oct-18	43.11	45.40	6,642.26
							Jan-19	42.90	45.19	6,642.47
							Apr-19	43.49	45.78	6,641.88
							Jul-19	43.72	45.83	6,642.78
							Sep-19	43.51	45.62	6,642.99
		2.11			6,686.50	6,688.61	Jan-20	43.61	45.72	6,642.89
							Apr-20	43.64	45.75	6,642.86
							Jul-20	43.69	45.80	6,642.81
							Oct-20	43.88	45.99	6,642.62
							Jan-21	44.05	46.16	6,642.45
							Apr-21	43.76	45.87	6,642.74
							Jul-21	44.01	46.12	6,642.49
							Oct-21	43.99	46.10	6,642.51
							Jan-22	44.22	46.33	6,642.28
							Apr-22	44.02	46.13	6,642.48
							Jul-22	44.07	46.18	6,642.43
							Sep-22	44.15	46.26	6,642.35
							Jan-23	43.98	46.09	6,642.52
							Apr-23	43.72	45.83	6,642.78
							Jul-23	44.15	46.26	6,642.35
							Sep-23	44.12	46.23	6,642.38

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW24	Alluvial	1.90	44.0-54.0	75.0	6,678.52	6,680.42	Jul-14	36.37	38.27	6,642.15
							Oct-14	36.41	38.31	6,642.11
							Jan-15	36.22	38.12	6,642.30
							Mar-15	36.30	38.20	6,642.22
							Jul-15	36.13	38.03	6,642.39
							Oct-15	36.25	38.15	6,642.27
							Jan-16	35.92	37.82	6,642.60
							Apr-16	36.15	38.05	6,642.37
							Jul-16	36.16	38.06	6,642.36
							Oct-16	36.32	38.22	6,642.20
							Jan-17	35.75	37.65	6,642.77
							Apr-17	36.09	37.99	6,642.43
							Jul-17	36.22	38.12	6,642.30
							Oct-17	36.44	38.34	6,642.08
							Jan-18	36.19	38.09	6,642.33
							Apr-18	36.06	37.96	6,642.46
							Jul-18	36.29	38.19	6,642.23
							Oct-18	36.00	37.90	6,642.52
							Jan-19	35.85	37.75	6,642.67
							Apr-19	36.26	38.16	6,642.26
							Jul-19	36.43	38.17	6,642.97
							Sep-19	36.21	37.95	6,643.19
		1.74			6,679.40	6,681.14	Jan-20	36.32	38.06	6,643.08
							Apr-20	36.79	38.53	6,642.61
							Jul-20	36.35	38.09	6,643.05
							Oct-20	36.60	38.34	6,642.80
							Jan-21	36.75	38.49	6,642.65
							Apr-21	36.38	38.12	6,643.02
							Jul-21	36.62	38.36	6,642.78
							Oct-21	36.67	38.41	6,642.73
							Jan-22	36.94	38.68	6,642.46
							Apr-22	36.78	38.52	6,642.62
							Jul-22	36.61	38.35	6,642.79
							Sep-22	36.77	38.51	6,642.63
							Jan-23	36.49	38.23	6,642.91
							Apr-23	36.19	37.93	6,643.21
							Jul-23	36.57	38.31	6,642.83
							Sep-23	36.66	38.40	6,642.74

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW25	Alluvial	1.79	42.5-52.5	74.0	6,671.09	6,672.88	Jul-14	37.13	38.92	6,633.96
							Oct-14	37.26	39.05	6,633.83
							Jan-15	37.07	38.86	6,634.02
							Mar-15	37.14	38.93	6,633.95
							Jul-15	37.03	38.82	6,634.06
							Oct-15	37.21	39.00	6,633.88
							Jan-16	37.20	38.99	6,633.89
							Apr-16	37.31	39.10	6,633.78
							Jul-16	37.26	39.05	6,633.83
							Oct-16	37.46	39.25	6,633.63
							Jan-17	37.25	39.04	6,633.84
							Apr-17	37.29	39.08	6,633.80
							Jul-17	37.42	39.21	6,633.67
							Oct-17	37.79	39.58	6,633.30
							Jan-18	37.58	39.37	6,633.51
							Apr-18	37.47	39.26	6,633.62
							Jul-18	37.67	39.46	6,633.42
							Oct-18	37.53	39.32	6,633.56
							Jan-19	37.86	39.65	6,633.23
							Apr-19	37.77	39.56	6,633.32
							Jul-19	38.06	39.62	6,633.55
							Sep-19	38.11	39.67	6,633.50
		1.56			6,671.61	6,673.17	Jan-20	38.23	39.79	6,633.38
							Apr-20	38.37	39.93	6,633.24
							Jul-20	38.37	39.93	6,633.24
							Oct-20	40.27	41.83	6,631.34
							Jan-21	38.69	40.25	6,632.92
							Apr-21	38.45	40.01	6,633.16
							Jul-21	38.69	40.25	6,632.92
							Oct-21	38.76	40.32	6,632.85
							Jan-22	38.88	40.44	6,632.73
							Apr-22	38.78	40.34	6,632.83
							Jul-22	38.67	40.23	6,632.94
							Sep-22	38.77	40.33	6,632.84
							Jan-23	38.73	40.29	6,632.88
							Apr-23	38.30	39.86	6,633.31
							Jul-23	38.64	40.20	6,632.97
							Sep-23	38.79	40.35	6,632.82

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW26	Alluvial	2.83	45.0-55.0	64.8	6,674.88	6,677.71	Jul-14	23.72	26.55	6,651.16
							Oct-14	24.23	27.06	6,650.65
							Jan-15	24.30	27.13	6,650.58
							Mar-15	24.32	27.15	6,650.56
							Jul-15	24.22	27.05	6,650.66
							Oct-15	24.65	27.48	6,650.23
							Jan-16	24.75	27.58	6,650.13
							Apr-16	24.47	27.30	6,650.41
							Jul-16	24.77	27.60	6,650.11
							Oct-16	25.28	28.11	6,649.60
							Jan-17	NM	NM	NM
							Apr-17	24.90	27.73	6,649.98
							Jul-17	25.06	27.89	6,649.82
							Oct-17	25.35	28.18	6,649.53
							Jan-18	25.24	28.07	6,649.64
							Apr-18	25.20	28.03	6,649.68
							Jul-18	25.16	27.99	6,649.72
							Oct-18	25.27	28.10	6,649.61
							Jan-19	25.29	28.12	6,649.59
							Apr-19	25.33	28.16	6,649.55
							Jul-19	25.57	28.21	6,650.22
							Sep-19	25.96	28.60	6,649.83
		2.64			6,675.79	6,678.43	Jan-20	26.17	28.81	6,649.62
							Apr-20	29.41	32.05	6,646.38
							Jul-20	26.32	28.96	6,649.47
							Oct-20	26.62	29.26	6,649.17
							Jan-21	26.86	29.50	6,648.93
							Apr-21	26.35	28.99	6,649.44
							Jul-21	26.94	29.58	6,648.85
							Oct-21	26.95	29.59	6,648.84
							Jan-22	27.10	29.74	6,648.69
							Apr-22	26.71	29.35	6,649.08
							Jul-22	26.25	28.89	6,649.54
							Sep-22	27.03	29.67	6,648.76
							Jan-23	26.85	29.49	6,648.94
							Apr-23	26.91	29.55	6,648.88
							Jul-23	26.87	29.51	6,648.92
							Sep-23	27.11	29.75	6,648.68

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW27	Alluvial	2.68	60.0-70.0	102.2	6,665.45	6,668.13	Jul-14	25.36	28.04	6,640.09
							Oct-14	25.63	28.31	6,639.82
							Jan-15	25.52	28.20	6,639.93
							Mar-15	25.39	28.07	6,640.06
							Jul-15	25.38	28.06	6,640.07
							Oct-15	25.76	28.44	6,639.69
							Jan-16	25.64	28.32	6,639.81
							Apr-16	25.57	28.25	6,639.88
							Jul-16	25.95	28.63	6,639.50
							Oct-16	26.06	28.74	6,639.39
							Jan-17	25.81	28.49	6,639.64
							Apr-17	25.71	28.39	6,639.74
							Jul-17	25.85	28.53	6,639.60
							Oct-17	26.31	28.99	6,639.14
							Jan-18	26.11	28.79	6,639.34
							Apr-18	25.96	28.64	6,639.49
							Jul-18	26.21	28.89	6,639.24
							Oct-18	26.40	29.08	6,639.05
							Jan-19	26.38	29.06	6,639.07
							Apr-19	26.24	28.92	6,639.21
							Jul-19	26.81	28.92	6,639.59
							Sep-19	27.04	29.15	6,639.36
		2.11			6,666.40	6,668.51	Jan-20	27.16	29.27	6,639.24
							Apr-20	27.01	29.12	6,639.39
							Jul-20	27.31	29.42	6,639.09
							Oct-20	27.62	29.73	6,638.78
							Jan-21	27.70	29.81	6,638.70
							Apr-21	27.50	29.61	6,638.90
							Jul-21	27.73	29.84	6,638.67
							Oct-21	27.80	29.91	6,638.60
							Jan-22	27.88	29.99	6,638.52
							Apr-22	27.74	29.85	6,638.66
							Jul-22	27.72	29.83	6,638.68
							Sep-22	28.89	31.00	6,637.51
							Jan-23	27.63	29.74	6,638.77
							Apr-23	27.44	29.55	6,638.96
							Jul-23	27.44	29.55	6,638.96
							Sep-23	27.86	29.97	6,638.54

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW28	Alluvial	2.40	37.0-47.0	72.5	6,686.77	6,689.17	Jul-14	16.28	18.96	6,670.21
							Oct-14	16.68	19.36	6,669.81
							Jan-15	16.34	19.02	6,670.15
							Mar-15	16.01	18.69	6,670.48
							Jul-15	16.67	19.35	6,669.82
							Oct-15	17.15	19.83	6,669.34
							Jan-16	16.75	19.43	6,669.74
							Apr-16	16.67	19.35	6,669.82
							Jul-16	17.09	19.77	6,669.40
							Oct-16	17.63	20.31	6,668.86
							Jan-17	17.21	19.89	6,669.28
							Apr-17	15.96	18.64	6,670.53
							Jul-17	16.94	19.62	6,669.55
							Oct-17	17.72	20.40	6,668.77
							Jan-18	17.51	20.19	6,668.98
							Apr-18	17.26	19.94	6,669.23
							Jul-18	17.97	20.65	6,668.52
							Oct-18	18.21	20.89	6,668.28
							Jan-19	17.88	20.56	6,668.61
							Apr-19	15.70	18.38	6,670.79
							Jul-19	17.33	19.60	6,670.75
							Sep-19	18.32	20.59	6,669.76
		2.27			6,688.08	6,690.35	Jan-20	18.04	20.31	6,670.04
							Apr-20	17.84	20.11	6,670.24
							Jul-20	18.93	21.20	6,669.15
							Oct-20	18.30	20.57	6,669.78
							Jan-21	18.87	21.14	6,669.21
							Apr-21	18.59	20.86	6,669.49
							Jul-21	19.62	21.89	6,668.46
							Oct-21	19.77	22.04	6,668.31
							Jan-22	19.13	21.40	6,668.95
							Apr-22	18.82	21.09	6,669.26
							Jul-22	19.71	21.98	6,668.37
							Sep-22	19.79	22.06	6,668.29
							Jan-23	18.97	21.24	6,669.11
							Apr-23	15.55	17.82	6,672.53
							Jul-23	17.64	19.91	6,670.44
							Sep-23	19.16	21.43	6,668.92

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW29	Alluvial	2.57	49.0-59.0	69.0	6,700.31	6,702.88	Jul-14	54.88	57.45	6,645.43
							Oct-14	54.99	57.56	6,645.32
							Jan-15	54.94	57.51	6,645.37
							Mar-15	55.00	57.57	6,645.31
							Jul-15	55.01	57.58	6,645.30
							Oct-15	55.05	57.62	6,645.26
							Jan-16	55.09	57.66	6,645.22
							Apr-16	55.20	57.77	6,645.11
							Jul-16	55.21	57.78	6,645.10
							Oct-16	55.28	57.85	6,645.03
							Jan-17	55.19	57.76	6,645.12
							Apr-17	55.32	57.89	6,644.99
							Jul-17	55.39	57.96	6,644.92
							Oct-17	55.50	58.07	6,644.81
							Jan-18	55.52	58.09	6,644.79
							Apr-18	55.56	58.13	6,644.75
							Jul-18	55.62	58.19	6,644.69
							Oct-18	55.63	58.20	6,644.68
							Jan-19	55.74	58.31	6,644.57
							Apr-19	55.69	58.26	6,644.62
							Jul-19	55.90	58.38	6,645.46
							Sep-19	55.87	58.35	6,645.49
		2.48			6,701.36	6,703.84	Jan-20	56.02	58.50	6,645.34
							Apr-20	56.04	58.52	6,645.32
							Jul-20	56.08	58.56	6,645.28
							Oct-20	56.21	58.69	6,645.15
							Jan-21	56.23	58.71	6,645.13
							Apr-21	56.28	58.76	6,645.08
							Jul-21	55.31	57.79	6,646.05
							Sep-21	56.41	58.89	6,644.95
							Jan-22	56.48	58.96	6,644.88
							Apr-22	56.49	58.97	6,644.87
							Jul-22	56.55	59.03	6,644.81
							Sep-22	56.57	59.05	6,644.79
							Jan-23	56.74	59.22	6,644.62
							Apr-23	56.73	59.21	6,644.63
							Jul-23	56.80	59.28	6,644.56
							Sep-23	56.88	59.36	6,644.48

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW31S	Alluvial	0.01	50.0-60.0	61.0	6,710.19	6,710.20	Jul-14	37.85	37.86	6,672.34
							Oct-14	38.12	38.13	6,672.07
							Jan-15	38.10	38.11	6,672.09
							Mar-15	38.34	38.35	6,671.85
							Jul-15	38.49	38.50	6,671.70
							Oct-15	38.75	38.76	6,671.44
							Jan-16	38.69	38.70	6,671.50
							Apr-16	39.10	39.11	6,671.09
							Jul-16	39.23	39.24	6,670.96
							Oct-16	39.59	39.60	6,670.60
							Jan-17	39.39	39.40	6,670.80
							Apr-17	39.81	39.82	6,670.38
							Jul-17	40.02	40.03	6,670.17
							Oct-17	40.38	40.39	6,669.81
							Jan-18	40.39	40.40	6,669.80
							Apr-18	40.50	40.51	6,669.69
							Jul-18	40.75	40.76	6,669.44
							Oct-18	40.79	40.80	6,669.40
							Jan-19	41.20	41.21	6,668.99
							Apr-19	41.19	41.20	6,669.00
							Jul-19	40.31	41.57	6,669.88
							Sep-19	40.24	41.50	6,669.95
		1.26			6,710.19	6,711.45	Jan-20	40.60	41.86	6,669.59
							Apr-20	39.72	40.98	6,670.47
							Jul-20	40.96	42.22	6,669.23
							Oct-20	41.19	42.45	6,669.00
							Jan-21	41.42	42.68	6,668.77
							Apr-21	41.44	42.70	6,668.75
							Jul-21	41.74	43.00	6,668.45
							Oct-21	41.93	43.19	6,668.26
							Jan-22	42.21	43.47	6,667.98
							Apr-22	42.34	43.60	6,667.85
							Jul-22	42.30	43.56	6,667.89
							Sep-22	42.52	43.78	6,667.67
							Jan-23	42.79	44.05	6,667.40
							Apr-23	42.64	43.90	6,667.55
							Jul-23	43.03	44.29	6,667.16
							Sep-23	43.13	44.39	6,667.06

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW33	Alluvial	2.51	37.0-57.0	60.4	6,684.09	6,686.60	Jul-14	41.47	43.98	6,642.62
							Oct-14	41.56	44.07	6,642.53
							Jan-15	41.44	43.95	6,642.65
							Mar-15	41.59	44.10	6,642.50
							Jul-15	41.54	44.05	6,642.55
							Oct-15	41.75	44.26	6,642.34
							Jan-16	41.70	44.21	6,642.39
							Apr-16	41.92	44.43	6,642.17
							Jul-16	41.94	44.45	6,642.15
							Oct-16	42.12	44.63	6,641.97
							Jan-17	42.06	44.57	6,642.03
							Apr-17	42.12	44.63	6,641.97
							Jul-17	42.28	44.79	6,641.81
							Oct-17	42.54	45.05	6,641.55
							Jan-18	42.42	44.93	6,641.67
							Apr-18	42.46	44.97	6,641.63
							Jul-18	42.54	45.05	6,641.55
							Oct-18	42.41	44.92	6,641.68
							Jan-19	42.70	45.21	6,641.39
							Apr-19	42.77	45.28	6,641.32
							Jul-19	42.95	45.32	6,642.13
							Sep-19	42.88	45.25	6,642.20
		2.37			6,685.07	6,687.45	Jan-20	43.10	45.47	6,641.98
							Apr-20	42.99	45.36	6,642.09
							Jul-20	43.17	45.54	6,641.91
							Oct-20	44.30	46.67	6,640.78
							Jan-21	43.57	45.94	6,641.51
							Apr-21	43.34	45.71	6,641.74
							Jul-21	43.56	45.93	6,641.52
							Sep-21	43.65	46.02	6,641.43
							Jan-22	43.84	46.21	6,641.24
							Apr-22	43.90	46.27	6,641.18
							Jul-22	43.73	46.10	6,641.35
							Sep-22	43.86	46.23	6,641.22
							Jan-23	43.88	46.25	6,641.20
							Apr-23	43.66	46.03	6,641.42
							Jul-23	43.98	46.35	6,641.10
							Sep-23	44.06	46.43	6,641.02

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW34	Alluvial	2.97	37.0-57.0	57.3	6,684.32	6,687.29	Jul-14	42.95	45.92	6,641.37
							Oct-14	43.07	46.04	6,641.25
							Jan-15	42.95	45.92	6,641.37
							Mar-15	43.02	45.99	6,641.30
							Jul-15	42.98	45.95	6,641.34
							Oct-15	43.17	46.14	6,641.15
							Jan-16	43.13	46.10	6,641.19
							Apr-16	43.17	46.14	6,641.15
							Jul-16	43.26	46.23	6,641.06
							Oct-16	43.40	46.37	6,640.92
							Jan-17	43.51	46.48	6,640.81
							Apr-17	43.41	46.38	6,640.91
							Jul-17	43.47	46.44	6,640.85
							Oct-17	43.39	46.36	6,640.93
							Jan-18	43.37	46.34	6,640.95
							Apr-18	43.32	46.29	6,641.00
							Jul-18	43.49	46.46	6,640.83
							Oct-18	43.52	46.49	6,640.80
							Jan-19	43.53	46.50	6,640.79
							Apr-19	43.60	46.57	6,640.72
							Jul-19	44.05	46.66	6,641.70
							Sep-19	44.09	46.70	6,641.66
		2.61			6,685.75	6,688.36	Jan-20	44.30	46.91	6,641.45
							Apr-20	44.30	46.91	6,641.45
							Jul-20	44.29	46.90	6,641.46
							Oct-20	44.37	46.98	6,641.38
							Jan-21	44.61	47.22	6,641.14
							Apr-21	44.33	46.94	6,641.42
							Jul-21	44.63	47.24	6,641.12
							Sep-21	44.76	47.37	6,640.99
							Jan-22	44.71	47.32	6,641.04
							Apr-22	44.74	47.35	6,641.01
							Jul-22	44.80	47.41	6,640.95
							Sep-22	44.77	47.38	6,640.98
							Jan-23	44.86	47.47	6,640.89
							Apr-23	44.71	47.32	6,641.04
							Jul-23	44.95	47.56	6,640.80
							Sep-23	45.23	47.84	6,640.52

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW35	Alluvial	2.38	35.0-55.0	55.0	6,684.14	6,686.52	Jul-14	41.70	44.08	6,642.44
							Oct-14	41.81	44.19	6,642.33
							Jan-15	41.75	44.13	6,642.39
							Mar-15	41.87	44.25	6,642.27
							Jul-15	41.82	44.20	6,642.32
							Oct-15	42.01	44.39	6,642.13
							Jan-16	41.98	44.36	6,642.16
							Apr-16	42.14	44.52	6,642.00
							Jul-16	42.19	44.57	6,641.95
							Oct-16	42.35	44.73	6,641.79
							Jan-17	42.42	44.80	6,641.72
							Apr-17	42.38	44.76	6,641.76
							Jul-17	42.48	44.86	6,641.66
							Oct-17	42.64	45.02	6,641.50
							Jan-18	42.65	45.03	6,641.49
							Apr-18	42.63	45.01	6,641.51
							Jul-18	42.64	45.02	6,641.50
							Oct-18	42.74	45.12	6,641.40
							Jan-19	42.87	45.25	6,641.27
							Apr-19	42.91	45.29	6,641.23
							Jul-19	43.05	45.35	6,642.47
							Sep-19	43.09	45.39	6,642.43
		2.30			6,685.52	6,687.82	Jan-20	43.21	45.51	6,642.31
							Apr-20	43.38	45.68	6,642.14
							Jul-20	43.28	45.58	6,642.24
							Oct-20	43.42	45.72	6,642.10
							Jan-21	43.71	46.01	6,641.81
							Apr-21	43.50	45.80	6,642.02
							Jul-21	43.71	46.01	6,641.81
							Sep-21	43.82	46.12	6,641.70
							Jan-22	43.85	46.15	6,641.67
							Apr-22	43.90	46.20	6,641.62
							Jul-22	43.89	46.19	6,641.63
							Sep-22	43.92	46.22	6,641.60
							Jan-23	45.17	47.47	6,640.35
							Apr-23	43.93	46.23	6,641.59
							Jul-23	44.34	46.64	6,641.18
							Sep-23	44.28	46.58	6,641.24

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW39S	Alluvial	2.08	32.5-52.5	53.0	6,706.53	6,708.61	Jul-14	33.62	35.70	6,672.91
							Oct-14	33.80	35.88	6,672.73
							Jan-15	33.87	35.95	6,672.66
							Mar-15	33.99	36.07	6,672.54
							Jul-15	34.15	36.23	6,672.38
							Oct-15	34.29	36.37	6,672.24
							Jan-16	34.32	36.40	6,672.21
							Apr-16	34.43	36.51	6,672.10
							Jul-16	34.62	36.70	6,671.91
							Oct-16	34.83	36.91	6,671.70
							Jan-17	34.81	36.89	6,671.72
							Apr-17	35.00	37.08	6,671.53
							Jul-17	35.17	37.25	6,671.36
							Oct-17	35.39	37.47	6,671.14
							Jan-18	35.46	37.54	6,671.07
							Apr-18	35.44	37.52	6,671.09
							Jul-18	35.88	37.96	6,670.65
							Oct-18	35.95	38.03	6,670.58
							Jan-19	36.23	38.31	6,670.30
							Apr-19	36.14	38.22	6,670.39
							Jul-19	37.11	38.67	6,669.58
							Sep-19	37.23	38.79	6,669.46
		1.56			6,706.69	6,708.25	Jan-20	37.26	38.82	6,669.43
							Apr-20	37.46	39.02	6,669.23
							Jul-20	37.83	39.39	6,668.86
							Oct-20	38.05	39.61	6,668.64
							Jan-21	37.28	38.84	6,669.41
							Apr-21	38.07	39.63	6,668.62
							Jul-21	38.59	40.15	6,668.10
							Sep-21	38.59	40.15	6,668.10
							Jan-22	38.96	40.52	6,667.73
							Apr-22	39.00	40.56	6,667.69
							Jul-22	39.09	40.65	6,667.60
							Sep-22	39.19	40.75	6,667.50
							Jan-23	39.46	41.02	6,667.23
							Apr-23	39.35	40.91	6,667.34
							Jul-23	39.77	41.33	6,666.92
							Sep-23	39.82	41.38	6,666.87

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW40S	Alluvial	2.59	50.0-60.0	60.5	6,703.81	6,706.40	Jul-14	57.74	60.33	6,646.07
							Oct-14	57.81	60.40	6,646.00
							Jan-15	57.79	60.38	6,646.02
							Mar-15	57.83	60.42	6,645.98
							Jul-15	57.85	60.44	6,645.96
							Oct-15	57.91	60.50	6,645.90
							Jan-16	57.90	60.49	6,645.91
							Apr-16	57.99	60.58	6,645.82
							Jul-16	57.98	60.57	6,645.83
							Oct-16	Dry	Dry	Dry
							Jan-17	Dry	Dry	Dry
							Apr-17	58.09	60.68	6,645.72
							Jul-17	58.11	60.70	6,645.70
							Oct-17	58.21	60.80	6,645.60
							Jan-18	58.21	60.80	6,645.60
							Apr-18	58.24	60.83	6,645.57
							Jul-18	58.26	60.85	6,645.55
							Oct-18	58.27	60.86	6,645.54
							Jan-19	58.38	60.97	6,645.43
							Apr-19	58.40	60.99	6,645.41
							Jul-19	58.47	61.08	6,645.90
							Sep-19	58.44	61.05	6,645.93
		2.61			6,704.37	6,706.98	Jan-20	58.53	61.14	6,645.84
							Apr-20	58.57	61.18	6,645.80
							Jul-20	58.59	61.20	6,645.78
							Oct-20	58.69	61.30	6,645.68
							Jan-21	58.74	61.35	6,645.63
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Sep-21	Dry	Dry	Dry
							Jan-22	58.96	61.57	6,645.41
							Apr-22	60.30	62.91	6,644.07
							Jul-22	58.99	61.60	6,645.38
							Sep-22	59.47	62.08	6,644.90
							Jan-23	59.43	62.04	6,644.94
							Apr-23	59.14	61.75	6,645.23
							Jul-23	59.44	62.05	6,644.93
							Sep-23	59.31	61.92	6,645.06

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW41	Alluvial	1.73	55.5-65.5	66.0	6,703.48	6,705.21	Jul-14	39.26	40.99	6,664.22
							Oct-14	39.37	41.10	6,664.11
							Jan-15	39.27	41.00	6,664.21
							Mar-15	39.55	41.28	6,663.93
							Jul-15	39.62	41.35	6,663.86
							Oct-15	39.75	41.48	6,663.73
							Jan-16	39.53	41.26	6,663.95
							Apr-16	40.01	41.74	6,663.47
							Jul-16	40.03	41.76	6,663.45
							Oct-16	40.27	42.00	6,663.21
							Jan-17	39.82	41.55	6,663.66
							Apr-17	40.29	42.02	6,663.19
							Jul-17	40.55	42.28	6,662.93
							Oct-17	40.74	42.47	6,662.74
							Jan-18	40.70	42.43	6,662.78
							Apr-18	40.87	42.60	6,662.61
							Jul-18	41.08	42.81	6,662.40
							Oct-18	40.80	42.53	6,662.68
							Jan-19	41.10	42.83	6,662.38
							Apr-19	41.07	42.80	6,662.41
							Jul-19	41.55	43.14	6,662.60
							Sep-19	41.28	42.87	6,662.87
		1.59			6,704.15	6,705.74	Jan-20	41.63	43.22	6,662.52
							Apr-20	40.78	42.37	6,663.37
							Jul-20	41.86	43.45	6,662.29
							Oct-20	42.09	43.68	6,662.06
							Jan-21	42.30	43.89	6,661.85
							Apr-21	42.18	43.77	6,661.97
							Jul-21	42.47	44.06	6,661.68
							Sep-21	42.49	44.08	6,661.66
							Jan-22	42.88	44.47	6,661.27
							Apr-22	42.85	44.44	6,661.30
							Jul-22	42.91	44.50	6,661.24
							Sep-22	42.98	44.57	6,661.17
							Jan-23	43.09	44.68	6,661.06
							Apr-23	42.85	44.44	6,661.30
							Jul-23	43.39	44.98	6,660.76
							Sep-23	43.38	44.97	6,660.77

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW43	Alluvial	3.00	58.0-78.0	78.5	6,695.63	6,698.63	Jul-14	50.51	53.51	6,645.12
							Oct-14	50.59	53.59	6,645.04
							Jan-15	50.50	53.50	6,645.13
							Mar-15	50.59	53.59	6,645.04
							Jul-15	50.58	53.58	6,645.05
							Oct-15	50.63	53.63	6,645.00
							Jan-16	50.59	53.59	6,645.04
							Apr-16	50.79	53.79	6,644.84
							Jul-16	50.79	53.79	6,644.84
							Oct-16	50.84	53.84	6,644.79
							Jan-17	50.67	53.67	6,644.96
							Apr-17	50.86	53.86	6,644.77
							Jul-17	50.92	53.92	6,644.71
							Oct-17	51.00	54.00	6,644.63
							Jan-18	51.06	54.06	6,644.57
							Apr-18	51.05	54.05	6,644.58
							Jul-18	51.14	54.14	6,644.49
							Oct-18	51.11	54.11	6,644.52
							Jan-19	51.17	54.17	6,644.46
							Apr-19	51.12	54.12	6,644.51
							Jul-19	51.75	54.86	6,644.46
							Sep-19	51.09	54.20	6,645.12
		3.11			6,696.21	6,699.32	Jan-20	51.26	54.37	6,644.95
							Apr-20	51.24	54.35	6,644.97
							Jul-20	51.30	54.41	6,644.91
							Oct-20	51.45	54.56	6,644.76
							Jan-21	51.45	54.56	6,644.76
							Apr-21	47.47	50.58	6,648.74
							Jul-21	51.57	54.68	6,644.64
							Sep-21	51.58	54.69	6,644.63
							Jan-22	51.65	54.76	6,644.56
							Apr-22	51.61	54.72	6,644.60
							Jul-22	51.69	54.80	6,644.52
							Sep-22	51.70	54.81	6,644.51
							Jan-23	51.90	55.01	6,644.31
							Apr-23	51.80	54.91	6,644.41
							Jul-23	51.97	55.08	6,644.24
							Sep-23	52.00	55.11	6,644.21

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW44	Alluvial	2.50	43.5-63.5	64.0	6,694.81	6,697.31	Jul-14	50.22	52.72	6,644.59
							Oct-14	50.26	52.76	6,644.55
							Jan-15	50.12	52.62	6,644.69
							Mar-15	50.32	52.82	6,644.49
							Jul-15	50.28	52.78	6,644.53
							Oct-15	50.36	52.86	6,644.45
							Jan-16	50.16	52.66	6,644.65
							Apr-16	50.53	53.03	6,644.28
							Jul-16	50.46	52.96	6,644.35
							Oct-16	50.52	53.02	6,644.29
							Jan-17	50.18	52.68	6,644.63
							Apr-17	50.54	53.04	6,644.27
							Jul-17	50.62	53.12	6,644.19
							Oct-17	50.77	53.27	6,644.04
							Jan-18	50.67	53.17	6,644.14
							Apr-18	50.70	53.20	6,644.11
							Jul-18	50.78	53.28	6,644.03
							Oct-18	50.50	53.00	6,644.31
							Jan-19	50.88	53.38	6,643.93
							Apr-19	50.89	53.39	6,643.92
							Jul-19	50.97	53.47	6,644.52
							Sep-19	50.73	53.23	6,644.76
		2.50			6,695.49	6,697.99	Jan-20	50.94	53.44	6,644.55
							Apr-20	50.60	53.10	6,644.89
							Jul-20	50.93	53.43	6,644.56
							Oct-20	50.97	53.47	6,644.52
							Jan-21	51.24	53.74	6,644.25
							Apr-21	51.04	53.54	6,644.45
							Jul-21	51.22	53.72	6,644.27
							Sep-21	51.39	53.89	6,644.10
							Jan-22	51.48	53.98	6,644.01
							Apr-22	51.45	53.95	6,644.04
							Jul-22	51.32	53.82	6,644.17
							Sep-22	51.45	53.95	6,644.04
							Jan-23	51.49	53.99	6,644.00
							Apr-23	51.21	53.71	6,644.28
							Jul-23	51.57	54.07	6,643.92
							Sep-23	51.48	53.98	6,644.01

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW45	Alluvial	2.50	38.5-58.5	59.0	6,686.50	6,689.00	Jul-14	44.93	47.43	6,641.57
							Oct-14	44.99	47.49	6,641.51
							Jan-15	44.81	47.31	6,641.69
							Mar-15	44.89	47.39	6,641.61
							Jul-15	44.73	47.23	6,641.77
							Oct-15	44.80	47.30	6,641.70
							Jan-16	44.55	47.05	6,641.95
							Apr-16	44.80	47.30	6,641.70
							Jul-16	44.85	47.35	6,641.65
							Oct-16	44.79	47.29	6,641.71
							Jan-17	44.38	46.88	6,642.12
							Apr-17	44.68	47.18	6,641.82
							Jul-17	44.71	47.21	6,641.79
							Oct-17	44.83	47.33	6,641.67
							Jan-18	44.77	47.27	6,641.73
							Apr-18	44.66	47.16	6,641.84
							Jul-18	44.68	47.18	6,641.82
							Oct-18	44.58	47.08	6,641.92
							Jan-19	44.91	47.41	6,641.59
							Apr-19	44.70	47.20	6,641.80
							Jul-19	44.79	47.25	6,642.35
							Sep-19	44.68	47.14	6,642.46
		2.46			6,687.14	6,689.60	Jan-20	44.70	47.16	6,642.44
							Apr-20	44.64	47.10	6,642.50
							Jul-20	44.77	47.23	6,642.37
							Oct-20	44.92	47.38	6,642.22
							Jan-21	45.00	47.46	6,642.14
							Apr-21	44.75	47.21	6,642.39
							Jul-21	44.95	47.41	6,642.19
							Oct-21	44.99	47.45	6,642.15
							Jan-22	45.06	47.52	6,642.08
							Apr-22	45.06	47.52	6,642.08
							Jul-22	44.93	47.39	6,642.21
							Sep-22	45.04	47.50	6,642.10
							Jan-23	44.89	47.35	6,642.25
							Apr-23	44.59	47.05	6,642.55
							Jul-23	44.99	47.45	6,642.15
							Sep-23	44.97	47.43	6,642.17

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW46	Alluvial	2.29	38.5-58.5	59.0	6,678.69	6,680.98	Jul-14	41.88	44.17	6,636.81
							Oct-14	42.12	44.41	6,636.57
							Jan-15	41.81	44.10	6,636.88
							Mar-15	41.76	44.05	6,636.93
							Jul-15	41.81	44.10	6,636.88
							Oct-15	42.10	44.39	6,636.59
							Jan-16	41.89	44.18	6,636.80
							Apr-16	41.95	44.24	6,636.74
							Jul-16	42.30	44.59	6,636.39
							Oct-16	42.28	44.57	6,636.41
							Jan-17	42.27	44.56	6,636.42
							Apr-17	42.05	44.34	6,636.64
							Jul-17	42.19	44.48	6,636.50
							Oct-17	42.68	44.97	6,636.01
							Jan-18	42.57	44.86	6,636.12
							Apr-18	42.27	44.56	6,636.42
							Jul-18	42.70	44.99	6,635.99
							Oct-18	42.96	45.25	6,635.73
							Jan-19	43.02	45.31	6,635.67
							Apr-19	42.81	45.10	6,635.88
							Jul-19	43.22	45.16	6,636.18
							Sep-19	43.41	45.35	6,635.99
		1.94			6,679.41	6,681.34	Jan-20	43.23	45.17	6,636.17
							Apr-20	43.16	45.10	6,636.24
							Jul-20	43.66	45.60	6,635.74
							Oct-20	43.88	45.82	6,635.52
							Jan-21	48.00	49.94	6,631.40
							Apr-21	43.61	45.55	6,635.79
							Jul-21	44.10	46.04	6,635.30
							Sep-21	44.31	46.25	6,635.09
							Jan-22	44.10	46.04	6,635.30
							Apr-22	43.97	45.91	6,635.43
							Jul-22	44.06	46.00	6,635.34
							Sep-22	44.14	46.08	6,635.26
							Jan-23	44.14	46.08	6,635.26
							Apr-23	43.76	45.70	6,635.64
							Jul-23	44.06	46.00	6,635.34
							Sep-23	44.39	46.33	6,635.01

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW47	Alluvial	2.56	82.5-102.5	103.0	6,699.32	6,701.88	Jul-14	43.84	46.40	6,655.48
							Oct-14	43.85	46.41	6,655.47
							Jan-15	43.77	46.33	6,655.55
							Mar-15	43.76	46.32	6,655.56
							Jul-15	44.03	46.59	6,655.29
							Oct-15	44.05	46.61	6,655.27
							Jan-16	44.01	46.57	6,655.31
							Apr-16	44.13	46.69	6,655.19
							Jul-16	44.28	46.84	6,655.04
							Oct-16	44.32	46.88	6,655.00
							Jan-17	44.23	46.79	6,655.09
							Apr-17	44.31	46.87	6,655.01
							Jul-17	44.52	47.08	6,654.80
							Oct-17	44.54	47.10	6,654.78
							Jan-18	44.64	47.20	6,654.68
							Apr-18	44.76	47.32	6,654.56
							Jul-18	44.79	47.35	6,654.53
							Oct-18	44.74	47.30	6,654.58
							Jan-19	44.78	47.34	6,654.54
							Apr-19	44.69	47.25	6,654.63
							Jul-19	44.89	47.49	6,654.98
							Sep-19	44.92	47.52	6,654.95
		2.60			6,699.87	6,702.47	Jan-20	44.95	47.55	6,654.92
							Apr-20	44.97	47.57	6,654.90
							Jul-20	45.17	47.77	6,654.70
							Oct-20	45.20	47.80	6,654.67
							Jan-21	45.32	47.92	6,654.55
							Apr-21	45.29	47.89	6,654.58
							Jul-21	45.46	48.06	6,654.41
							Sep-21	45.37	47.97	6,654.50
							Jan-22	45.37	47.97	6,654.50
							Apr-22	45.43	48.03	6,654.44
							Jul-22	45.59	48.19	6,654.28
							Sep-22	45.65	48.25	6,654.22
							Jan-23	45.59	48.19	6,654.28
							Apr-23	45.62	48.22	6,654.25
							Jul-23	46.00	48.60	6,653.87
							Sep-23	46.05	48.65	6,653.82

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW54	Alluvial	2.46	21.4-41.4	41.4	6,708.77	6,711.23	Nov-19	Dry	Dry	Dry
							Apr-20	41.34	43.80	6,667.43
							Jul-20	Dry	Dry	Dry
							Oct-20	Dry	Dry	Dry
							Jan-21	Dry	Dry	Dry
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Oct-21	Dry	Dry	Dry
							Jan-22	Dry	Dry	Dry
							Apr-22	Dry	Dry	Dry
							Jul-22	Dry	Dry	Dry
							Sep-22	Dry	Dry	Dry
							Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
							Jul-23	Dry	Dry	Dry
							Sep-23	Dry	Dry	Dry
TMW56	Alluvial	2.88	30-50	50.0	6,705.44	6,708.32	Nov-19	49.42	52.30	6,656.02
							Apr-20	48.16	51.04	6,657.28
							Jul-20	48.55	51.43	6,656.89
							Oct-20	48.13	51.01	6,657.31
							Jan-21	47.63	50.51	6,657.81
							Apr-21	Dry	Dry	Dry
							Jul-21	47.03	49.91	6,658.41
							Sep-21	46.87	49.75	6,658.57
							Jan-22	46.67	49.55	6,658.77
							Apr-22	46.49	49.37	6,658.95
							Jul-22	46.36	49.24	6,659.08
							Sep-22	46.30	49.18	6,659.14
							Jan-23	49.34	52.22	6,656.10
							Apr-23	49.43	52.31	6,656.01
							Jul-23	46.08	48.96	6,659.36
							Sep-23	46.06	48.94	6,659.38
TMW57	Alluvial	2.43	60-70	70.0	6,710.76	6,713.19	Nov-19	63.60	66.03	6,647.16
							Apr-20	63.67	66.10	6,647.09
							Jul-20	63.80	66.23	6,646.96
							Oct-20	63.89	66.32	6,646.87
							Jan-21	63.98	66.41	6,646.78
							Apr-21	64.04	66.47	6,646.72
							Jul-21	64.37	66.80	6,646.39
							Oct-21	64.26	66.69	6,646.50
							Jan-22	64.32	66.75	6,646.44
							Apr-22	64.40	66.83	6,646.36
							Jul-22	64.48	66.91	6,646.28
							Sep-22	64.57	67.00	6,646.19
							Jan-23	64.70	67.13	6,646.06
							Apr-23	64.76	67.19	6,646.00
							Jul-23	64.85	67.28	6,645.91
							Sep-23	64.98	67.41	6,645.78

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW59	Alluvial	2.53	42-62	62.0	6,690.38	6,692.90	Nov-19	46.65	49.18	6,643.72
							Apr-20	46.57	49.10	6,643.80
							Jul-20	46.69	49.22	6,643.68
							Oct-20	46.80	49.33	6,643.57
							Jan-21	46.91	49.44	6,643.46
							Apr-21	46.75	49.28	6,643.62
							Jul-21	46.96	49.49	6,643.41
							Sep-21	46.94	49.47	6,643.43
							Jan-22	47.10	49.63	6,643.27
							Apr-22	47.03	49.56	6,643.34
							Jul-22	47.02	49.55	6,643.35
							Sep-22	47.08	49.61	6,643.29
							Jan-23	47.09	49.62	6,643.28
							Apr-23	47.00	49.53	6,643.37
							Jul-23	47.20	49.73	6,643.17
							Sep-23	47.17	49.70	6,643.20
TMW60	Alluvial	2.50	46-66	66.0	6,694.17	6,696.66	Nov-19	65.85	68.35	6,628.31
							Apr-20	65.78	68.28	6,628.38
							Jul-20	65.75	68.25	6,628.41
							Oct-20	65.78	68.28	6,628.38
							Jan-21	Dry	Dry	Dry
							Apr-21	Dry	Dry	Dry
							Jul-21	Dry	Dry	Dry
							Sep-21	Dry	Dry	Dry
							Jan-22	65.27	67.77	6,628.89
							Apr-22	Dry	Dry	Dry
							Jul-22	65.00	67.50	6,629.16
							Sep-22	Dry	Dry	Dry
							Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
							Jul-23	Dry	Dry	Dry
							Sep-23	Dry	Dry	Dry

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW61	Alluvial	2.55	41-61	61.0	6,684.51	6,687.07	Nov-19	42.08	44.63	6,642.44
							Apr-20	41.86	44.41	6,642.66
							Jul-20	41.95	44.50	6,642.57
							Oct-20	42.15	44.70	6,642.37
							Jan-21	42.28	44.83	6,642.24
							Apr-21	41.96	44.51	6,642.56
							Jul-21	42.23	44.78	6,642.29
							Oct-21	42.23	44.78	6,642.29
							Jan-22	42.41	44.96	6,642.11
							Apr-22	42.34	44.89	6,642.18
							Jul-22	42.25	44.80	6,642.27
							Sep-22	42.36	44.91	6,642.16
							Jan-23	42.15	44.70	6,642.37
							Apr-23	41.89	44.44	6,642.63
							Jul-23	42.29	44.84	6,642.23
							Sep-23	42.30	44.85	6,642.22
TMW62	Alluvial	2.56	40-60	60.0	6,691.39	6,693.95	Nov-19	47.70	50.26	6,643.69
							Apr-20	47.74	50.30	6,643.65
							Jul-20	47.74	50.30	6,643.65
							Oct-20	47.83	50.39	6,643.56
							Jan-21	47.94	50.50	6,643.45
							Apr-21	47.87	50.43	6,643.52
							Jul-21	47.99	50.55	6,643.40
							Sep-21	48.05	50.61	6,643.34
							Jan-22	48.13	50.69	6,643.26
							Apr-22	48.13	50.69	6,643.26
							Jul-22	48.15	50.71	6,643.24
							Sep-22	48.18	50.74	6,643.21
							Jan-23	48.30	50.86	6,643.09
							Apr-23	48.28	50.84	6,643.11
							Jul-23	48.33	50.89	6,643.06
							Sep-23	48.38	50.94	6,643.01

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ01	Alluvial	2.58	23.1-43.1	43.1	6,674.71	6,677.29	Jul-14	24.54	27.12	6,650.17
							Oct-14	24.32	26.90	6,650.39
							Jan-15	24.06	26.64	6,650.65
							Mar-15	24.22	26.80	6,650.49
							Jul-15	24.22	26.80	6,650.49
							Oct-15	24.34	26.92	6,650.37
							Jan-16	24.32	26.90	6,650.39
							Apr-16	24.66	27.24	6,650.05
							Jul-16	24.71	27.29	6,650.00
							Oct-16	25.02	27.60	6,649.69
							Jan-17	24.79	27.37	6,649.92
							Apr-17	25.03	27.61	6,649.68
							Jul-17	25.22	27.80	6,649.49
							Oct-17	25.45	28.03	6,649.26
							Jan-18	25.44	28.02	6,649.27
							Apr-18	25.50	28.08	6,649.21
							Jul-18	25.59	28.17	6,649.12
							Oct-18	25.53	28.11	6,649.18
							Jan-19	25.90	28.48	6,648.81
							Apr-19	25.97	28.55	6,648.74
							Jul-19	26.11	28.68	6,649.50
							Sep-19	25.86	28.43	6,649.75
		2.57			6,675.61	6,678.18	Jan-20	26.11	28.68	6,649.50
							Apr-20	26.13	28.70	6,649.48
							Jul-20	26.15	28.72	6,649.46
							Oct-20	26.39	28.96	6,649.22
							Jan-21	26.49	29.06	6,649.12
							Apr-21	26.44	29.01	6,649.17
							Jul-21	26.59	29.16	6,649.02
							Oct-21	27.04	29.61	6,648.57
							Jan-22	27.04	29.61	6,648.57
							Apr-22	27.05	29.62	6,648.56
							Jul-22	27.23	29.80	6,648.38
							Sep-22	27.24	29.81	6,648.37
							Jan-23	27.14	29.71	6,648.47
							Apr-23	26.90	29.47	6,648.71
							Jul-23	27.18	29.75	6,648.43
							Sep-23	27.21	29.78	6,648.40

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ02	Alluvial	2.45	30.3-50.3	50.7	6,672.50	6,674.95	Jul-14	20.77	23.22	6,651.73
							Oct-14	20.81	23.26	6,651.69
							Jan-15	20.86	23.31	6,651.64
							Mar-15	20.80	23.25	6,651.70
							Jul-15	20.83	23.28	6,651.67
							Oct-15	21.21	23.66	6,651.29
							Jan-16	21.12	23.57	6,651.38
							Apr-16	21.25	23.70	6,651.25
							Jul-16	21.25	23.70	6,651.25
							Oct-16	21.82	24.27	6,650.68
							Jan-17	21.39	23.84	6,651.11
							Apr-17	21.57	24.02	6,650.93
							Jul-17	21.76	24.21	6,650.74
							Oct-17	22.15	24.60	6,650.35
							Jan-18	21.96	24.41	6,650.54
							Apr-18	21.98	24.43	6,650.52
							Jul-18	22.24	24.69	6,650.26
							Oct-18	22.21	24.66	6,650.29
							Jan-19	22.53	24.98	6,649.97
							Apr-19	22.51	24.96	6,649.99
							Jul-19	22.40	24.81	6,651.18
							Sep-19	22.44	24.85	6,651.14
		2.41			6,673.57	6,675.99	Jan-20	22.64	25.05	6,650.94
							Apr-20	22.54	24.95	6,651.04
							Jul-20	22.87	25.28	6,650.71
							Oct-20	23.20	25.61	6,650.38
							Jan-21	23.38	25.79	6,650.20
							Apr-21	23.07	25.48	6,650.51
							Jul-21	23.45	25.86	6,650.13
							Oct-21	23.42	25.83	6,650.16
							Jan-22	23.80	26.21	6,649.78
							Apr-22	23.70	26.11	6,649.88
							Jul-22	23.91	26.32	6,649.67
							Sep-22	23.96	26.37	6,649.62
							Jan-23	23.60	26.01	6,649.98
							Apr-23	23.25	25.66	6,650.33
							Jul-23	23.47	25.88	6,650.11
							Sep-23	23.70	26.11	6,649.88

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ03	Alluvial	2.58	26.7-46.7	46.9	6,676.86	6,679.44	Jul-14	23.84	26.42	6,653.02
							Oct-14	23.70	26.28	6,653.16
							Jan-15	23.62	26.20	6,653.24
							Mar-15	23.62	26.20	6,653.24
							Jul-15	23.55	26.13	6,653.31
							Oct-15	23.90	26.48	6,652.96
							Jan-16	24.03	26.61	6,652.83
							Apr-16	23.86	26.44	6,653.00
							Jul-16	24.00	26.58	6,652.86
							Oct-16	24.44	27.02	6,652.42
							Jan-17	24.07	26.65	6,652.79
							Apr-17	24.05	26.63	6,652.81
							Jul-17	24.28	26.86	6,652.58
							Oct-17	24.02	26.60	6,652.84
							Jan-18	24.17	26.75	6,652.69
							Apr-18	25.03	27.61	6,651.83
							Jul-18	24.16	26.74	6,652.70
							Oct-18	24.17	26.75	6,652.69
							Jan-19	24.49	27.07	6,652.37
							Apr-19	24.30	26.88	6,652.56
							Jul-19	26.62	29.16	6,651.29
							Sep-19	26.28	28.82	6,651.63
		2.54			6,677.91	6,680.45	Jan-20	24.51	27.05	6,653.40
							Apr-20	24.40	26.94	6,653.51
							Jul-20	26.27	28.81	6,651.64
							Oct-20	25.04	27.58	6,652.87
							Jan-21	25.22	27.76	6,652.69
							Apr-21	24.86	27.40	6,653.05
							Jul-21	25.30	27.84	6,652.61
							Oct-21	25.54	28.08	6,652.37
							Jan-22	25.53	28.07	6,652.38
							Apr-22	25.37	27.91	6,652.54
							Jul-22	25.31	27.85	6,652.60
							Sep-22	25.61	28.15	6,652.30
							Jan-23	25.26	27.80	6,652.65
							Apr-23	24.84	27.38	6,653.07
							Jul-23	25.06	27.60	6,652.85
							Sep-23	25.29	27.83	6,652.62

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ04	Alluvial	2.51	26.8-46.8	47.0	6,674.17	6,676.68	Jul-14	25.89	28.40	6,648.28
							Oct-14	25.51	28.02	6,648.66
							Jan-15	25.64	28.15	6,648.53
							Mar-15	25.73	28.24	6,648.44
							Jul-15	25.75	28.26	6,648.42
							Oct-15	25.94	28.45	6,648.23
							Jan-16	25.89	28.40	6,648.28
							Apr-16	26.19	28.70	6,647.98
							Jul-16	26.19	28.70	6,647.98
							Oct-16	26.56	29.07	6,647.61
							Jan-17	NM	NM	NM
							Apr-17	26.52	29.03	6,647.65
							Jul-17	26.74	29.25	6,647.43
							Oct-17	27.19	29.70	6,646.98
							Jan-18	26.87	29.38	6,647.30
							Apr-18	28.53	31.04	6,645.64
							Jul-18	29.52	32.03	6,644.65
							Oct-18	30.29	32.80	6,643.88
							Jan-19	27.92	30.43	6,646.25
							Apr-19	29.80	32.31	6,644.37
							Jul-19	31.91	34.45	6,643.35
							Sep-19	30.64	33.18	6,644.62
		2.54			6,675.26	6,677.80	Jan-20	27.57	30.11	6,647.69
							Apr-20	29.51	32.05	6,645.75
							Jul-20	28.09	30.63	6,647.17
							Oct-20	27.88	30.42	6,647.38
							Jan-21	28.20	30.74	6,647.06
							Apr-21	27.86	30.40	6,647.40
							Jul-21	28.28	30.82	6,646.98
							Oct-21	28.10	30.64	6,647.16
							Jan-22	28.50	31.04	6,646.76
							Apr-22	28.33	30.87	6,646.93
							Jul-22	28.16	30.70	6,647.10
							Sep-22	28.36	30.90	6,646.90
							Jan-23	28.11	30.65	6,647.15
							Apr-23	27.78	30.32	6,647.48
							Jul-23	28.02	30.56	6,647.24
							Sep-23	28.32	30.86	6,646.94

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ05	Alluvial	2.62	26.0-46.0	46.3	6,671.53	6,674.15	Jul-14	18.43	21.05	6,653.10
							Oct-14	17.99	20.61	6,653.54
							Jan-15	17.80	20.42	6,653.73
							Mar-15	17.65	20.27	6,653.88
							Jul-15	18.14	20.76	6,653.39
							Oct-15	18.79	21.41	6,652.74
							Jan-16	18.09	20.71	6,653.44
							Apr-16	18.08	20.70	6,653.45
							Jul-16	18.91	21.53	6,652.62
							Oct-16	19.44	22.06	6,652.09
							Jan-17	18.38	21.00	6,653.15
							Apr-17	18.35	20.97	6,653.18
							Jul-17	19.07	21.69	6,652.46
							Oct-17	19.87	22.49	6,651.66
							Jan-18	18.92	21.54	6,652.61
							Apr-18	18.56	21.18	6,652.97
							Jul-18	19.61	22.23	6,651.92
							Oct-18	19.82	22.44	6,651.71
							Jan-19	19.13	21.75	6,652.40
							Apr-19	19.12	21.74	6,652.41
							Jul-19	19.38	22.05	6,653.12
							Sep-19	19.91	22.58	6,652.59
		2.67			6,672.50	6,675.17	Jan-20	19.34	22.01	6,653.16
							Apr-20	18.91	21.58	6,653.59
							Jul-20	20.13	22.80	6,652.37
							Oct-20	20.73	23.40	6,651.77
							Jan-21	20.22	22.89	6,652.28
							Apr-21	19.72	22.39	6,652.78
							Jul-21	20.76	23.43	6,651.74
							Oct-21	24.68	27.35	6,647.82
							Jan-22	20.43	23.10	6,652.07
							Apr-22	20.05	22.72	6,652.45
							Jul-22	20.69	23.36	6,651.81
							Sep-22	20.70	23.37	6,651.80
							Jan-23	20.01	22.68	6,652.49
							Apr-23	19.26	21.93	6,653.24
							Jul-23	19.75	22.42	6,652.75
							Sep-23	20.59	23.26	6,651.91

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ06	Alluvial	2.75	26.5-46.5	46.7	6,673.29	6,676.04	Jul-14	17.95	20.70	6,655.34
							Oct-14	16.41	19.16	6,656.88
							Jan-15	16.01	18.76	6,657.28
							Mar-15	15.71	18.46	6,657.58
							Jul-15	17.27	20.02	6,656.02
							Oct-15	17.65	20.40	6,655.64
							Jan-16	16.41	19.16	6,656.88
							Apr-16	16.20	18.95	6,657.09
							Jul-16	18.00	20.75	6,655.29
							Oct-16	18.38	21.13	6,654.91
							Jan-17	16.68	19.43	6,656.61
							Apr-17	16.23	18.98	6,657.06
							Jul-17	18.39	21.14	6,654.90
							Oct-17	18.65	21.40	6,654.64
							Jan-18	17.08	19.83	6,656.21
							Apr-18	16.54	19.29	6,656.75
							Jul-18	19.03	21.78	6,654.26
							Oct-18	18.96	21.71	6,654.33
							Jan-19	17.31	20.06	6,655.98
							Apr-19	16.89	19.64	6,656.40
							Jul-19	19.08	21.81	6,655.38
							Sep-19	19.65	22.38	6,654.81
		2.73			6,674.47	6,677.19	Jan-20	17.70	20.43	6,656.76
							Apr-20	17.02	19.75	6,657.44
							Jul-20	19.92	22.65	6,654.54
							Oct-20	20.45	23.18	6,654.01
							Jan-21	18.48	21.21	6,655.98
							Apr-21	17.76	20.49	6,656.70
							Jul-21	20.39	23.12	6,654.07
							Oct-21	20.58	23.31	6,653.88
							Jan-22	18.59	21.32	6,655.87
							Apr-22	18.02	20.75	6,656.44
							Jul-22	20.07	22.80	6,654.39
							Sep-22	20.04	22.77	6,654.42
							Jan-23	18.02	20.75	6,656.44
							Apr-23	16.99	19.72	6,657.47
							Jul-23	19.16	21.89	6,655.30
							Sep-23	20.46	23.19	6,654.00

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ07	Alluvial	2.15	10.6-30.6	30.5	6,682.38	6,684.53	Jul-14	14.01	16.16	6,668.37
							Oct-14	9.87	12.02	6,672.51
							Jan-15	12.85	15.00	6,669.53
							Mar-15	11.99	14.14	6,670.39
							Jul-15	13.30	15.45	6,669.08
							Oct-15	14.15	16.30	6,668.23
							Jan-16	13.68	15.83	6,668.70
							Apr-16	13.56	15.71	6,668.82
							Jul-16	13.42	15.57	6,668.96
							Oct-16	13.84	15.99	6,668.54
							Jan-17	8.19	10.34	6,674.19
							Apr-17	9.68	11.83	6,672.70
							Jul-17	12.31	14.46	6,670.07
							Oct-17	14.06	16.21	6,668.32
							Jan-18	14.72	16.87	6,667.66
							Apr-18	14.66	16.81	6,667.72
							Jul-18	15.46	17.61	6,666.92
							Oct-18	15.54	17.69	6,666.84
							Jan-19	15.23	17.38	6,667.15
							Apr-19	7.04	9.19	6,675.34
							Jul-19	11.26	13.72	6,671.98
							Sep-19	14.28	16.74	6,668.96
		2.46			6,683.24	6,685.70	Jan-20	14.70	17.16	6,668.54
							Apr-20	14.55	17.01	6,668.69
							Jul-20	15.66	18.12	6,667.58
							Oct-20	16.30	18.76	6,666.94
							Jan-21	16.01	18.47	6,667.23
							Apr-21	15.72	18.18	6,667.52
							Jul-21	16.75	19.21	6,666.49
							Oct-21	16.85	19.31	6,666.39
							Jan-22	15.99	18.45	6,667.25
							Apr-22	15.51	17.97	6,667.73
							Jul-22	16.50	18.96	6,666.74
							Sep-22	16.39	18.85	6,666.85
							Jan-23	15.46	17.92	6,667.78
							Apr-23	2.91	5.37	6,680.33
							Jul-23	10.38	12.84	6,672.86
							Sep-23	14.68	17.14	6,668.56

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ08	Alluvial	2.70	26.3-46.3	46.6	6,684.11	6,686.81	Jul-14	17.16	19.86	6,666.95
							Oct-14	12.40	15.10	6,671.71
							Jan-15	15.55	18.25	6,668.56
							Mar-15	14.44	17.14	6,669.67
							Jul-15	16.18	18.88	6,667.93
							Oct-15	16.92	19.62	6,667.19
							Jan-16	16.39	19.09	6,667.72
							Apr-16	16.36	19.06	6,667.75
							Jul-16	16.33	19.03	6,667.78
							Oct-16	16.79	19.49	6,667.32
							Jan-17	17.08	19.78	6,667.03
							Apr-17	11.79	14.49	6,672.32
							Jul-17	15.31	18.01	6,668.80
							Oct-17	17.10	19.80	6,667.01
							Jan-18	17.62	20.32	6,666.49
							Apr-18	17.47	20.17	6,666.64
							Jul-18	18.56	21.26	6,665.55
							Oct-18	18.58	21.28	6,665.53
							Jan-19	18.12	20.82	6,665.99
							Apr-19	9.74	12.44	6,674.37
							Jul-19	14.67	17.58	6,670.35
							Sep-19	17.77	20.68	6,667.25
		2.91			6,685.03	6,687.93	Jan-20	17.64	20.55	6,667.38
							Apr-20	17.39	20.30	6,667.63
							Jul-20	18.90	21.81	6,666.12
							Oct-20	19.48	22.39	6,665.54
							Jan-21	19.04	21.95	6,665.98
							Apr-21	18.60	21.51	6,666.42
							Jul-21	19.94	22.85	6,665.08
							Oct-21	19.88	22.79	6,665.14
							Jan-22	18.92	21.83	6,666.10
							Apr-22	18.40	21.31	6,666.62
							Jul-22	19.54	22.45	6,665.48
							Sep-22	19.50	22.41	6,665.52
							Jan-23	18.45	21.36	6,666.57
							Apr-23	6.07	8.98	6,678.95
							Jul-23	14.15	17.06	6,670.87
							Sep-23	18.17	21.08	6,666.85

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ09	Alluvial	2.49	18.1-33.1	33.5	6,651.12	6,653.61	Jul-14	13.88	16.37	6,637.24
							Oct-14	12.85	15.34	6,638.27
							Jan-15	12.90	15.39	6,638.22
							Mar-15	12.43	14.92	6,638.69
							Jul-15	13.13	15.62	6,637.99
							Oct-15	13.73	16.22	6,637.39
							Jan-16	12.90	15.39	6,638.22
							Apr-16	12.86	15.35	6,638.26
							Jul-16	13.74	16.23	6,637.38
							Oct-16	14.33	16.82	6,636.79
							Jan-17	13.38	15.87	6,637.74
							Apr-17	12.77	15.26	6,638.35
							Jul-17	13.97	16.46	6,637.15
							Oct-17	14.72	17.21	6,636.40
							Jan-18	13.95	16.44	6,637.17
							Apr-18	13.37	15.86	6,637.75
							Jul-18	14.69	17.18	6,636.43
							Oct-18	15.03	17.52	6,636.09
							Jan-19	14.46	16.95	6,636.66
							Apr-19	13.64	16.13	6,637.48
							Jul-19	13.79	16.09	6,638.57
							Sep-19	15.30	17.60	6,637.06
		2.30			6,652.37	6,654.66	Jan-20	14.79	17.09	6,637.57
							Apr-20	14.22	16.52	6,638.14
							Jul-20	15.58	17.88	6,636.78
							Oct-20	16.13	18.43	6,636.23
							Jan-21	15.55	17.85	6,636.81
							Apr-21	15.02	17.32	6,637.34
							Jul-21	16.19	18.49	6,636.17
							Oct-21	16.39	18.69	6,635.97
							Jan-22	15.80	18.10	6,636.56
							Apr-22	15.31	17.61	6,637.05
							Jul-22	16.03	18.33	6,636.33
							Sep-22	16.20	18.50	6,636.16
							Jan-23	15.17	17.47	6,637.19
							Apr-23	14.15	16.45	6,638.21
							Jul-23	15.06	17.36	6,637.30
							Sep-23	15.89	18.19	6,636.47

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
PZ10	Alluvial	2.44	31.0-46.0	46.3	6,654.83	6,657.27	Jul-14	17.79	20.23	6,637.04
							Oct-14	16.75	19.19	6,638.08
							Jan-15	16.77	19.21	6,638.06
							Mar-15	16.32	18.76	6,638.51
							Jul-15	17.05	19.49	6,637.78
							Oct-15	17.59	20.03	6,637.24
							Jan-16	16.74	19.18	6,638.09
							Apr-16	16.70	19.14	6,638.13
							Jul-16	17.66	20.10	6,637.17
							Oct-16	18.20	20.64	6,636.63
							Jan-17	17.23	19.67	6,637.60
							Apr-17	16.62	19.06	6,638.21
							Jul-17	17.90	20.34	6,636.93
							Oct-17	18.59	21.03	6,636.24
							Jan-18	17.76	20.20	6,637.07
							Apr-18	17.22	19.66	6,637.61
							Jul-18	18.59	21.03	6,636.24
							Oct-18	18.91	21.35	6,635.92
							Jan-19	18.28	20.72	6,636.55
							Apr-19	17.51	19.95	6,637.32
							Jul-19	18.39	20.78	6,637.53
							Sep-19	19.04	21.43	6,636.88
		2.39			6,655.92	6,658.31	Jan-20	18.49	20.88	6,637.43
							Apr-20	17.91	20.30	6,638.01
							Jul-20	19.34	21.73	6,636.58
							Oct-20	19.84	22.23	6,636.08
							Jan-21	19.29	21.68	6,636.63
							Apr-21	18.74	21.13	6,637.18
							Jul-21	19.90	22.29	6,636.02
							Oct-21	20.98	23.37	6,634.94
							Jan-22	19.43	21.82	6,636.49
							Apr-22	18.97	21.36	6,636.95
							Jul-22	19.89	22.28	6,636.03
							Sep-22	19.92	22.31	6,636.00
							Jan-23	18.89	21.28	6,637.03
							Apr-23	17.91	20.30	6,638.01
							Jul-23	18.78	21.17	6,637.14
							Sep-23	19.63	22.02	6,636.29

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
Bedrock Wells										
BGMW07	Bedrock	0.00	215.0-255.0	256.0	6,691.63	6,691.63	Apr-18	36.01	36.01	6,655.62
							Jul-18	18.02	18.02	6,673.61
							Oct-18	17.57	17.57	6,674.06
							Jan-19	17.77	17.77	6,673.86
							Apr-19	17.48	17.48	6,674.15
							Jul-19	15.81	18.06	6,673.97
							Sep-19	15.73	17.98	6,674.05
		2.25			6,689.77	6,692.03	Jan-20	15.47	17.72	6,674.31
							Apr-20	15.24	17.49	6,674.54
							Jul-20	15.65	17.90	6,674.13
							Oct-20	15.52	17.77	6,674.26
							Jan-21	15.90	18.15	6,673.88
							Apr-21	15.58	17.83	6,674.20
							Jul-21	15.90	18.15	6,673.88
							Oct-21	15.57	17.82	6,674.21
							Jan-22	16.58	18.83	6,673.20
							Apr-22	15.47	17.72	6,674.31
							Jul-22	15.83	18.08	6,673.95
							Sep-22	15.61	17.86	6,674.17
							Jan-23	15.56	17.81	6,674.22
							Apr-23	15.43	17.68	6,674.35
							Jul-23	16.06	18.31	6,673.72
							Sep-23	15.92	18.17	6,673.86
BGMW08	Bedrock	0.00	165.0-185.0	186.0	6,685.02	6,685.02	Apr-18	179.36	179.36	6,505.66
							Jul-18	170.16	170.16	6,514.86
							Oct-18	168.64	168.64	6,516.38
							Jan-19	23.46	23.46	6,661.56
							Apr-19	145.77	145.77	6,539.25
							Jul-19	165.84	167.55	6,515.87
							Sep-19	144.31	146.02	6,537.40
		1.71			6,681.72	6,683.42	Jan-20	157.74	159.45	6,523.97
							Apr-20	124.39	126.10	6,557.32
							Jul-20	161.49	163.20	6,520.22
							Oct-20	137.70	139.41	6,544.01
							Jan-21	164.84	166.55	6,516.87
							Apr-21	133.91	135.62	6,547.80
							Jul-21	164.08	165.79	6,517.63
							Oct-21	137.75	139.46	6,543.96
							Jan-22	165.24	166.95	6,516.47
							Apr-22	135.95	137.66	6,545.76
							Jul-22	165.53	167.24	6,516.18
							Sep-22	140.10	141.81	6,541.61
							Jan-23	160.72	162.43	6,520.99
							Apr-23	132.75	134.46	6,548.96
							Jul-23	163.99	165.70	6,517.72
							Sep-23	135.64	137.35	6,546.07

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
BGMW09	Bedrock	0.00	106.0-136.0	173.0	6,692.27	6,692.27	Apr-18	115.19	115.19	6,577.08
							Jul-18	53.84	53.84	6,638.43
							Jul-18	47.24	47.24	6,645.03
							Jan-19	49.37	49.37	6,642.90
							Apr-19	46.88	46.88	6,645.39
							Jul-19	46.39	48.57	6,643.44
							Sep-19	44.92	47.10	6,644.91
		2.18			6,689.83	6,692.01	Jan-20	45.64	47.82	6,644.19
							Apr-20	44.59	46.77	6,645.24
							Jul-20	46.34	48.52	6,643.49
							Oct-20	45.00	47.18	6,644.83
							Jan-21	46.01	48.19	6,643.82
							Apr-21	44.80	46.98	6,645.03
							Jul-21	47.63	49.81	6,642.20
							Oct-21	45.21	47.39	6,644.62
							Jan-22	46.17	48.35	6,643.66
							Apr-22	44.82	47.00	6,645.01
							Jul-22	47.00	49.18	6,642.83
							Sep-22	45.21	47.39	6,644.62
							Jan-23	45.31	47.49	6,644.52
							Apr-23	44.78	46.96	6,645.05
							Jul-23	47.04	49.22	6,642.79
							Sep-23	45.45	47.63	6,644.38
BGMW10	Bedrock	0.00	106.0-136.0	147.0	6,701.49	6,701.49	Apr-18	30.49	30.49	6,671.00
							Jul-18	30.69	30.69	6,670.80
							Oct-18	30.79	30.79	6,670.70
							Jan-19	31.07	31.07	6,670.42
							Apr-19	31.15	31.15	6,670.34
							Jul-19	29.09	31.42	6,670.41
							Sep-19	29.25	31.58	6,670.25
		2.33			6,699.50	6,701.83	Jan-20	29.46	31.79	6,670.04
							Apr-20	29.62	31.95	6,669.88
							Jul-20	29.87	32.20	6,669.63
							Oct-20	30.03	32.36	6,669.47
							Jan-21	30.32	32.65	6,669.18
							Apr-21	30.34	32.67	6,669.16
							Jul-21	30.67	33.00	6,668.83
							Sep-21	30.73	33.06	6,668.77
							Jan-22	30.93	33.26	6,668.57
							Apr-22	31.05	33.38	6,668.45
							Jul-22	31.30	33.63	6,668.20
							Sep-22	31.39	33.72	6,668.11
							Jan-23	31.50	33.83	6,668.00
							Apr-23	31.48	33.81	6,668.02
							Jul-23	31.90	34.23	6,667.60
							Sep-23	32.03	34.36	6,667.47

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW14A	Bedrock	2.46	94.3-109.3	110.0	6,721.08	6,723.54	Jul-14	62.41	64.87	6,658.67
							Oct-14	62.48	64.94	6,658.60
							Jan-15	62.61	65.07	6,658.47
							Mar-15	62.54	65.00	6,658.54
							Jul-15	62.68	65.14	6,658.40
							Oct-15	62.71	65.17	6,658.37
							Jan-16	62.73	65.19	6,658.35
							Apr-16	62.74	65.20	6,658.34
							Jul-16	63.05	65.51	6,658.03
							Oct-16	63.04	65.50	6,658.04
							Jan-17	63.22	65.68	6,657.86
							Apr-17	63.53	65.99	6,657.55
							Jul-17	63.31	65.77	6,657.77
							Oct-17	63.49	65.95	6,657.59
							Jan-18	63.85	66.31	6,657.23
							Apr-18	64.01	66.47	6,657.07
							Jul-18	64.22	66.68	6,656.86
							Oct-18	63.96	66.42	6,657.12
							Jan-19	64.32	66.78	6,656.76
							Apr-19	64.32	66.78	6,656.76
							Jul-19	65.78	67.98	6,656.75
							Sep-19	64.65	66.85	6,657.88
		2.20			6,722.53	6,724.73	Jan-20	64.89	67.09	6,657.64
							Apr-20	65.11	67.31	6,657.42
							Jul-20	65.15	67.35	6,657.38
							Oct-20	65.24	67.44	6,657.29
							Jan-21	65.26	67.46	6,657.27
							Apr-21	65.29	67.49	6,657.24
							Jul-21	65.36	67.56	6,657.17
							Oct-21	65.37	67.57	6,657.16
							Jan-22	65.39	67.59	6,657.14
							Apr-22	65.39	67.59	6,657.14
							Jul-22	65.85	68.05	6,656.68
							Sep-22	65.86	68.06	6,656.67
							Jan-23	66.07	68.27	6,656.46
							Apr-23	65.92	68.12	6,656.61
							Jul-23	66.20	68.40	6,656.33
							Sep-23	66.33	68.53	6,656.20

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW16	Bedrock	2.50	123.0-138.0	142.0	6,711.65	6,714.15	Jul-14	54.08	56.58	6,657.57
							Oct-14	54.16	56.66	6,657.49
							Jan-15	54.18	56.68	6,657.47
							Mar-15	54.24	56.74	6,657.41
							Jul-15	54.27	56.77	6,657.38
							Oct-15	54.53	57.03	6,657.12
							Jan-16	54.54	57.04	6,657.11
							Apr-16	54.71	57.21	6,656.94
							Jul-16	54.89	57.39	6,656.76
							Oct-16	55.06	57.56	6,656.59
							Jan-17	54.92	57.42	6,656.73
							Apr-17	55.05	57.55	6,656.60
							Jul-17	55.25	57.75	6,656.40
							Oct-17	55.60	58.10	6,656.05
							Jan-18	55.70	58.20	6,655.95
							Apr-18	55.75	58.25	6,655.90
							Jul-18	56.32	58.82	6,655.33
							Oct-18	55.85	58.35	6,655.80
							Jan-19	55.42	57.92	6,656.23
							Apr-19	56.11	58.61	6,655.54
							Jul-19	55.98	58.46	6,656.75
							Sep-19	53.27	55.75	6,659.46
		2.48			6,712.72	6,715.21	Jan-20	56.28	58.76	6,656.45
							Apr-20	56.30	58.78	6,656.43
							Jul-20	56.70	59.18	6,656.03
							Oct-20	56.57	59.05	6,656.16
							Jan-21	57.06	59.54	6,655.67
							Apr-21	56.93	59.41	6,655.80
							Jul-21	57.10	59.58	6,655.63
							Oct-21	57.02	59.50	6,655.71
							Jan-22	57.06	59.54	6,655.67
							Apr-22	57.19	59.67	6,655.54
							Jul-22	57.51	59.99	6,655.22
							Sep-22	57.50	59.98	6,655.23
							Jan-23	57.93	60.41	6,654.80
							Apr-23	57.43	59.91	6,655.30
							Jul-23	57.79	60.27	6,654.94
							Sep-23	57.84	60.32	6,654.89

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW17	Bedrock	2.49	112.0-127.0	152.0	6,717.40	6,719.89	Jul-14	60.73	63.22	6,656.67
							Oct-14	60.84	63.33	6,656.56
							Jan-15	60.83	63.32	6,656.57
							Mar-15	60.94	63.43	6,656.46
							Jul-15	61.16	63.65	6,656.24
							Oct-15	61.21	63.70	6,656.19
							Jan-16	61.20	63.69	6,656.20
							Apr-16	61.41	63.90	6,655.99
							Jul-16	61.54	64.03	6,655.86
							Oct-16	61.65	64.14	6,655.75
							Jan-17	61.72	64.21	6,655.68
							Apr-17	61.70	64.19	6,655.70
							Jul-17	62.50	64.99	6,654.90
							Oct-17	62.51	65.00	6,654.89
							Jan-18	62.64	65.13	6,654.76
							Apr-18	62.62	65.11	6,654.78
							Jul-18	62.63	65.12	6,654.77
							Oct-18	62.61	65.10	6,654.79
							Jan-19	62.61	65.10	6,654.79
							Apr-19	62.63	65.12	6,654.77
							Jul-19	62.64	65.19	6,655.88
							Sep-19	62.62	65.17	6,655.90
		2.55			6,718.53	6,721.07	Jan-20	62.66	65.21	6,655.86
							Apr-20	62.70	65.25	6,655.82
							Jul-20	62.73	65.28	6,655.79
							Oct-20	62.73	65.28	6,655.79
							Jan-21	62.80	65.35	6,655.72
							Apr-21	62.83	65.38	6,655.69
							Jul-21	63.06	65.61	6,655.46
							Oct-21	63.05	65.60	6,655.47
							Jan-22	63.14	65.69	6,655.38
							Apr-22	63.17	65.72	6,655.35
							Jul-22	63.18	65.73	6,655.34
							Sep-22	63.19	65.74	6,655.33
							Jan-23	63.29	65.84	6,655.23
							Apr-23	63.28	65.83	6,655.24
							Jul-23	63.30	65.85	6,655.22
							Sep-23	63.32	65.87	6,655.20

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW18	Bedrock	3.35	150.0-160.0	220.0	6,710.14	6,713.49	Jul-14	52.09	55.44	6,658.05
							Oct-14	52.18	55.53	6,657.96
							Jan-15	52.21	55.56	6,657.93
							Mar-15	52.20	55.55	6,657.94
							Jul-15	52.45	55.80	6,657.69
							Oct-15	52.50	55.85	6,657.64
							Jan-16	52.52	55.87	6,657.62
							Apr-16	52.67	56.02	6,657.47
							Jul-16	52.85	56.20	6,657.29
							Oct-16	52.95	56.30	6,657.19
							Jan-17	52.94	56.29	6,657.20
							Apr-17	52.99	56.34	6,657.15
							Jul-17	53.03	56.38	6,657.11
							Oct-17	53.35	56.70	6,656.79
							Jan-18	53.60	56.95	6,656.54
							Apr-18	53.80	57.15	6,656.34
							Jul-18	53.93	57.28	6,656.21
							Oct-18	53.76	57.11	6,656.38
							Jan-19	54.15	57.50	6,655.99
							Apr-19	54.23	57.58	6,655.91
							Jul-19	54.25	57.33	6,657.23
							Sep-19	54.60	57.68	6,656.88
		3.08			6,711.48	6,714.56	Jan-20	54.00	57.08	6,657.48
							Apr-20	54.53	57.61	6,656.95
							Jul-20	51.16	54.24	6,660.32
							Oct-20	54.87	57.95	6,656.61
							Jan-21	55.20	58.28	6,656.28
							Apr-21	55.17	58.25	6,656.31
							Jul-21	55.30	58.38	6,656.18
							Oct-21	55.50	58.58	6,655.98
							Jan-22	55.58	58.66	6,655.90
							Apr-22	55.48	58.56	6,656.00
							Jul-22	55.73	58.81	6,655.75
							Sep-22	55.77	58.85	6,655.71
							Jan-23	55.83	58.91	6,655.65
							Apr-23	55.72	58.80	6,655.76
							Jul-23	55.90	58.98	6,655.58
							Sep-23	56.04	59.12	6,655.44

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW19	Bedrock	2.95	169.0-184.0	187.0	6,697.57	6,700.52	Jul-14	40.21	43.16	6,657.36
							Oct-14	40.25	43.20	6,657.32
							Jan-15	40.19	43.14	6,657.38
							Mar-15	40.25	43.20	6,657.32
							Jul-15	40.30	43.25	6,657.27
							Oct-15	40.59	43.54	6,656.98
							Jan-16	40.51	43.46	6,657.06
							Apr-16	40.78	43.73	6,656.79
							Jul-16	40.98	43.93	6,656.59
							Oct-16	41.08	44.03	6,656.49
							Jan-17	40.94	43.89	6,656.63
							Apr-17	40.95	43.90	6,656.62
							Jul-17	41.42	44.37	6,656.15
							Oct-17	41.53	44.48	6,656.04
							Jan-18	41.60	44.55	6,655.97
							Apr-18	41.92	44.87	6,655.65
							Jul-18	42.27	45.22	6,655.30
							Oct-18	41.90	44.85	6,655.67
							Jan-19	43.40	46.35	6,654.17
							Apr-19	42.06	45.01	6,655.51
							Jul-19	42.52	45.26	6,656.41
							Sep-19	44.48	47.22	6,654.45
		2.74			6,698.93	6,701.67	Jan-20	42.93	45.67	6,656.00
							Apr-20	43.64	46.38	6,655.29
							Jul-20	43.84	46.58	6,655.09
							Oct-20	43.32	46.06	6,655.61
							Jan-21	44.14	46.88	6,654.79
							Apr-21	45.11	47.85	6,653.82
							Jul-21	44.05	46.79	6,654.88
							Oct-21	56.15	58.89	6,642.78
							Jan-22	44.01	46.75	6,654.92
							Apr-22	44.21	46.95	6,654.72
							Jul-22	44.20	46.94	6,654.73
							Sep-22	43.77	46.51	6,655.16
							Jan-23	44.36	47.10	6,654.57
							Apr-23	44.08	46.82	6,654.85
							Jul-23	44.60	47.34	6,654.33
							Sep-23	44.09	46.83	6,654.84

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW30	Bedrock	2.24	35.0-45.0	51.5	6,712.35	6,714.59	Jul-14	38.36	40.60	6,673.99
							Oct-14	38.31	40.55	6,674.04
							Jan-15	38.32	40.56	6,674.03
							Mar-15	37.71	39.95	6,674.64
							Jul-15	38.14	40.38	6,674.21
							Oct-15	38.14	40.38	6,674.21
							Jan-16	38.19	40.43	6,674.16
							Apr-16	38.34	40.58	6,674.01
							Jul-16	38.30	40.54	6,674.05
							Oct-16	38.34	40.58	6,674.01
							Jan-17	38.32	40.56	6,674.03
							Apr-17	38.35	40.59	6,674.00
							Jul-17	38.28	40.52	6,674.07
							Oct-17	38.36	40.60	6,673.99
							Jan-18	38.34	40.58	6,674.01
							Apr-18	38.38	40.62	6,673.97
							Jul-18	38.53	40.77	6,673.82
							Oct-18	38.47	40.71	6,673.88
							Jan-19	38.42	40.66	6,673.93
							Apr-19	38.51	40.75	6,673.84
							Jul-19	38.38	40.62	6,675.04
							Sep-19	38.28	40.52	6,675.14
		2.24			6,713.42	6,715.66	Jan-20	38.36	40.60	6,675.06
							Apr-20	38.42	40.66	6,675.00
							Jul-20	38.55	40.79	6,674.87
							Oct-20	38.49	40.73	6,674.93
							Jan-21	38.40	40.64	6,675.02
							Apr-21	38.48	40.72	6,674.94
							Jul-21	38.62	40.86	6,674.80
							Oct-21	38.58	40.82	6,674.84
							Jan-22	38.46	40.70	6,674.96
							Apr-22	38.51	40.75	6,674.91
							Jul-22	38.61	40.85	6,674.81
							Sep-22	38.62	40.86	6,674.80
							Jan-23	38.38	40.62	6,675.04
							Apr-23	38.37	40.61	6,675.05
							Jul-23	38.31	40.55	6,675.11
							Sep-23	38.29	40.53	6,675.13

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW31D	Bedrock	1.91	77.0-107.0	111.5	6,708.53	6,710.44	Jul-14	36.23	38.14	6,672.30
							Oct-14	36.50	38.41	6,672.03
							Jan-15	36.54	38.45	6,671.99
							Mar-15	36.74	38.65	6,671.79
							Jul-15	36.90	38.81	6,671.63
							Oct-15	37.14	39.05	6,671.39
							Jan-16	37.15	39.06	6,671.38
							Apr-16	37.46	39.37	6,671.07
							Jul-16	37.66	39.57	6,670.87
							Oct-16	37.95	39.86	6,670.58
							Jan-17	38.43	40.34	6,670.10
							Apr-17	38.18	40.09	6,670.35
							Jul-17	38.29	40.20	6,670.24
							Oct-17	38.74	40.65	6,669.79
							Jan-18	38.77	40.68	6,669.76
							Apr-18	38.87	40.78	6,669.66
							Jul-18	39.15	41.06	6,669.38
							Oct-18	39.24	41.15	6,669.29
							Jan-19	39.58	41.49	6,668.95
							Apr-19	39.59	41.50	6,668.94
							Jul-19	40.03	41.83	6,670.16
							Sep-19	40.12	41.92	6,670.07
		1.80			6,710.19	6,711.99	Jan-20	40.37	42.17	6,669.82
							Apr-20	40.21	42.01	6,669.98
							Jul-20	40.76	42.56	6,669.43
							Oct-20	40.75	42.55	6,669.44
							Jan-21	41.25	43.05	6,668.94
							Apr-21	41.25	43.05	6,668.94
							Jul-21	41.54	43.34	6,668.65
							Oct-21	41.73	43.53	6,668.46
							Jan-22	41.94	43.74	6,668.25
							Apr-22	42.02	43.82	6,668.17
							Jul-22	42.13	43.93	6,668.06
							Sep-22	42.33	44.13	6,667.86
							Jan-23	42.56	44.36	6,667.63
							Apr-23	42.51	44.31	6,667.68
							Jul-23	42.82	44.62	6,667.37
							Sep-23	43.00	44.80	6,667.19

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW32	Bedrock	2.22	117.0-137.0	139.1	6,707.09	6,709.31	Jul-14	38.07	40.29	6,669.02
							Oct-14	38.27	40.49	6,668.82
							Jan-15	38.31	40.53	6,668.78
							Mar-15	38.47	40.69	6,668.62
							Jul-15	38.70	40.92	6,668.39
							Oct-15	38.86	41.08	6,668.23
							Jan-16	38.91	41.13	6,668.18
							Apr-16	39.13	41.35	6,667.96
							Jul-16	39.35	41.57	6,667.74
							Oct-16	39.57	41.79	6,667.52
							Jan-17	39.54	41.76	6,667.55
							Apr-17	39.79	42.01	6,667.30
							Jul-17	39.93	42.15	6,667.16
							Oct-17	39.92	42.14	6,667.17
							Jan-18	40.28	42.50	6,666.81
							Apr-18	40.43	42.65	6,666.66
							Jul-18	40.77	42.99	6,666.32
							Oct-18	40.84	43.06	6,666.25
							Jan-19	40.68	42.90	6,666.41
							Apr-19	40.31	42.53	6,666.78
							Jul-19	41.47	43.32	6,667.56
							Sep-19	40.50	42.35	6,668.53
		1.85			6,709.03	6,710.88	Jan-20	41.83	43.68	6,667.20
							Apr-20	42.17	44.02	6,666.86
							Jul-20	42.19	44.04	6,666.84
							Oct-20	41.45	43.30	6,667.58
							Jan-21	42.32	44.17	6,666.71
							Apr-21	42.67	44.52	6,666.36
							Jul-21	42.67	44.52	6,666.36
							Oct-21	43.10	44.95	6,665.93
							Jan-22	43.17	45.02	6,665.86
							Apr-22	43.28	45.13	6,665.75
							Jul-22	43.20	45.05	6,665.83
							Sep-22	43.60	45.45	6,665.43
							Jan-23	43.48	45.33	6,665.55
							Apr-23	43.78	45.63	6,665.25
							Jul-23	44.08	45.93	6,664.95
							Sep-23	44.17	46.02	6,664.86

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW36	Bedrock	1.71	132.0-152.0	157.0	6,697.33	6,699.04	Jul-14	26.47	28.18	6,670.86
							Oct-14	26.55	28.26	6,670.78
							Jan-15	26.69	28.40	6,670.64
							Mar-15	26.78	28.49	6,670.55
							Jul-15	26.99	28.70	6,670.34
							Oct-15	27.27	28.98	6,670.06
							Jan-16	27.33	29.04	6,670.00
							Apr-16	27.55	29.26	6,669.78
							Jul-16	27.88	29.59	6,669.45
							Oct-16	28.07	29.78	6,669.26
							Jan-17	28.06	29.77	6,669.27
							Apr-17	28.30	30.01	6,669.03
							Jul-17	28.52	30.23	6,668.81
							Oct-17	28.96	30.67	6,668.37
							Jan-18	28.88	30.59	6,668.45
							Apr-18	29.21	30.92	6,668.12
							Jul-18	29.37	31.08	6,667.96
							Oct-18	29.72	31.43	6,667.61
							Jan-19	29.67	31.38	6,667.66
							Apr-19	29.92	31.63	6,667.41
							Jul-19	30.20	31.86	6,670.37
							Sep-19	30.28	31.94	6,670.29
		1.66			6,700.57	6,702.23	Jan-20	30.41	32.07	6,670.16
							Apr-20	33.85	35.51	6,666.72
							Jul-20	30.90	32.56	6,669.67
							Oct-20	31.31	32.97	6,669.26
							Jan-21	31.75	33.41	6,668.82
							Apr-21	31.29	32.95	6,669.28
							Jul-21	31.44	33.10	6,669.13
							Sep-21	31.86	33.52	6,668.71
							Jan-22	31.88	33.54	6,668.69
							Apr-22	32.20	33.86	6,668.37
							Jul-22	32.37	34.03	6,668.20
							Sep-22	32.40	34.06	6,668.17
							Jan-23	32.68	34.34	6,667.89
							Apr-23	32.52	34.18	6,668.05
							Jul-23	32.84	34.50	6,667.73
							Sep-23	33.01	34.67	6,667.56

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW37	Bedrock	2.58	88.0-108.0	111.0	6,710.51	6,713.09	Jul-14	43.83	46.41	6,666.68
							Oct-14	43.93	46.51	6,666.58
							Jan-15	44.03	46.61	6,666.48
							Mar-15	44.17	46.75	6,666.34
							Jul-15	44.07	46.65	6,666.44
							Oct-15	44.24	46.82	6,666.27
							Jan-16	44.22	46.80	6,666.29
							Apr-16	44.54	47.12	6,665.97
							Jul-16	44.67	47.25	6,665.84
							Oct-16	44.93	47.51	6,665.58
							Jan-17	46.87	49.45	6,663.64
							Apr-17	45.11	47.69	6,665.40
							Jul-17	45.26	47.84	6,665.25
							Oct-17	45.67	48.25	6,664.84
							Jan-18	45.78	48.36	6,664.73
							Apr-18	45.77	48.35	6,664.74
							Jul-18	46.28	48.86	6,664.23
							Oct-18	46.39	48.97	6,664.12
							Jan-19	46.28	48.86	6,664.23
							Apr-19	46.09	48.67	6,664.42
							Jul-19	47.01	49.10	6,665.15
							Sep-19	47.00	49.09	6,665.16
		2.09			6,712.15	6,714.25	Jan-20	47.12	49.21	6,665.04
							Apr-20	47.25	49.34	6,664.91
							Jul-20	47.53	49.62	6,664.63
							Oct-20	47.74	49.83	6,664.42
							Jan-21	47.95	50.04	6,664.21
							Apr-21	48.04	50.13	6,664.12
							Jul-21	48.22	50.31	6,663.94
							Oct-21	48.15	50.24	6,664.01
							Jan-22	48.39	50.48	6,663.77
							Apr-22	48.58	50.67	6,663.58
							Jul-22	48.72	50.81	6,663.44
							Sep-22	48.82	50.91	6,663.34
							Jan-23	48.81	50.90	6,663.35
							Apr-23	48.88	50.97	6,663.28
							Jul-23	49.30	51.39	6,662.86
							Sep-23	49.43	51.52	6,662.73

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW38	Bedrock	2.38	118.9-158.9	159.5	6,704.41	6,706.79	Jul-14	45.06	47.44	6,659.35
							Oct-14	45.13	47.51	6,659.28
							Jan-15	45.08	47.46	6,659.33
							Mar-15	45.17	47.55	6,659.24
							Jul-15	45.48	47.86	6,658.93
							Oct-15	45.53	47.91	6,658.88
							Jan-16	45.52	47.90	6,658.89
							Apr-16	45.74	48.12	6,658.67
							Jul-16	45.90	48.28	6,658.51
							Oct-16	46.02	48.40	6,658.39
							Jan-17	45.86	48.24	6,658.55
							Apr-17	46.04	48.42	6,658.37
							Jul-17	46.25	48.63	6,658.16
							Oct-17	46.33	48.71	6,658.08
							Jan-18	46.38	48.76	6,658.03
							Apr-18	46.41	48.79	6,658.00
							Jul-18	46.16	48.54	6,658.25
							Oct-18	47.31	49.69	6,657.10
							Jan-19	47.30	49.68	6,657.11
							Apr-19	47.10	49.48	6,657.31
							Jul-19	46.91	49.50	6,658.12
							Sep-19	46.75	49.34	6,658.28
		2.59			6,705.03	6,707.62	Jan-20	46.95	49.54	6,658.08
							Apr-20	47.02	49.61	6,658.01
							Jul-20	47.28	49.87	6,657.75
							Oct-20	47.43	50.02	6,657.60
							Jan-21	47.54	50.13	6,657.49
							Apr-21	47.51	50.10	6,657.52
							Jul-21	47.74	50.33	6,657.29
							Oct-21	47.96	50.55	6,657.07
							Jan-22	47.83	50.42	6,657.20
							Apr-22	47.93	50.52	6,657.10
							Jul-22	48.12	50.71	6,656.91
							Sep-22	48.20	50.79	6,656.83
							Jan-23	48.22	50.81	6,656.81
							Apr-23	48.24	50.83	6,656.79
							Jul-23	48.61	51.20	6,656.42
							Sep-23	48.70	51.29	6,656.33

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW39D	Bedrock	2.08	70.0-100.0	100.5	6,706.53	6,708.61	Jul-14	33.32	35.40	6,673.21
							Oct-14	33.60	35.68	6,672.93
							Jan-15	33.64	35.72	6,672.89
							Mar-15	33.84	35.92	6,672.69
							Jul-15	33.98	36.06	6,672.55
							Oct-15	34.23	36.31	6,672.30
							Jan-16	34.23	36.31	6,672.30
							Apr-16	34.54	36.62	6,671.99
							Jul-16	34.75	36.83	6,671.78
							Oct-16	35.03	37.11	6,671.50
							Jan-17	34.94	37.02	6,671.59
							Apr-17	35.29	37.37	6,671.24
							Jul-17	35.42	37.50	6,671.11
							Oct-17	35.75	37.83	6,670.78
							Jan-18	35.82	37.90	6,670.71
							Apr-18	35.95	38.03	6,670.58
							Jul-18	36.22	38.30	6,670.31
							Oct-18	36.31	38.39	6,670.22
							Jan-19	36.63	38.71	6,669.90
							Apr-19	36.68	38.76	6,669.85
							Jul-19	37.02	39.08	6,670.06
							Sep-19	37.10	39.16	6,669.98
		2.06			6,707.08	6,709.14	Jan-20	37.36	39.42	6,669.72
							Apr-20	37.53	39.59	6,669.55
							Jul-20	37.72	39.78	6,669.36
							Oct-20	37.93	39.99	6,669.15
							Jan-21	38.22	40.28	6,668.86
							Apr-21	38.23	40.29	6,668.85
							Jul-21	38.74	40.80	6,668.34
							Sep-21	38.72	40.78	6,668.36
							Jan-22	38.94	41.00	6,668.14
							Apr-22	39.00	41.06	6,668.08
							Jul-22	39.12	41.18	6,667.96
							Sep-22	39.35	41.41	6,667.73
							Jan-23	39.58	41.64	6,667.50
							Apr-23	39.53	41.59	6,667.55
							Jul-23	39.80	41.86	6,667.28
							Sep-23	39.96	42.02	6,667.12

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW40D	Bedrock	2.34	135.0-155.0	155.5	6,703.81	6,706.15	Jul-14	30.75	33.09	6,673.06
							Oct-14	31.01	33.35	6,672.80
							Jan-15	31.05	33.39	6,672.76
							Mar-15	31.24	33.58	6,672.57
							Jul-15	31.42	33.76	6,672.39
							Oct-15	31.67	34.01	6,672.14
							Jan-16	31.68	34.02	6,672.13
							Apr-16	31.97	34.31	6,671.84
							Jul-16	32.16	34.50	6,671.65
							Oct-16	32.47	34.81	6,671.34
							Jan-17	32.40	34.74	6,671.41
							Apr-17	32.70	35.04	6,671.11
							Jul-17	32.85	35.19	6,670.96
							Oct-17	33.15	35.49	6,670.66
							Jan-18	33.21	35.55	6,670.60
							Apr-18	33.41	35.75	6,670.40
							Jul-18	33.61	35.95	6,670.20
							Oct-18	33.76	36.10	6,670.05
							Jan-19	33.99	36.33	6,669.82
							Apr-19	33.88	36.22	6,669.93
							Jul-19	34.35	36.72	6,670.02
							Sep-19	35.38	37.75	6,668.99
		2.37			6,704.37	6,706.74	Jan-20	34.68	37.05	6,669.69
							Apr-20	34.93	37.30	6,669.44
							Jul-20	35.11	37.48	6,669.26
							Oct-20	35.34	37.71	6,669.03
							Jan-21	35.56	37.93	6,668.81
							Apr-21	35.58	37.95	6,668.79
							Jul-21	35.93	38.30	6,668.44
							Sep-21	36.02	38.39	6,668.35
							Jan-22	36.23	38.60	6,668.14
							Apr-22	36.33	38.70	6,668.04
							Jul-22	36.51	38.88	6,667.86
							Sep-22	36.70	39.07	6,667.67
							Jan-23	36.85	39.22	6,667.52
							Apr-23	36.84	39.21	6,667.53
							Jul-23	37.14	39.51	6,667.23
							Sep-23	37.33	39.70	6,667.04

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW48	Bedrock	2.04	71.0-91.0	91.5	6,707.80	6,709.84	Jul-14	34.57	36.61	6,673.23
							Oct-14	34.85	36.89	6,672.95
							Jan-15	34.93	36.97	6,672.87
							Mar-15	35.06	37.10	6,672.74
							Jul-15	35.24	37.28	6,672.56
							Oct-15	35.49	37.53	6,672.31
							Jan-16	35.53	37.57	6,672.27
							Apr-16	35.77	37.81	6,672.03
							Jul-16	35.94	37.98	6,671.86
							Oct-16	36.27	38.31	6,671.53
							Jan-17	36.24	38.28	6,671.56
							Apr-17	36.54	38.58	6,671.26
							Jul-17	36.65	38.69	6,671.15
							Oct-17	36.93	38.97	6,670.87
							Jan-18	37.07	39.11	6,670.73
							Apr-18	37.20	39.24	6,670.60
							Jul-18	37.46	39.50	6,670.34
							Oct-18	37.61	39.65	6,670.19
							Jan-19	37.90	39.94	6,669.90
							Apr-19	37.93	39.97	6,669.87
							Jul-19	38.22	40.30	6,670.07
							Sep-19	38.28	40.36	6,670.01
		2.08			6,708.29	6,710.37	Jan-20	38.56	40.64	6,669.73
							Apr-20	38.72	40.80	6,669.57
							Jul-20	38.96	41.04	6,669.33
							Oct-20	39.27	41.35	6,669.02
							Jan-21	39.37	41.45	6,668.92
							Apr-21	39.44	41.52	6,668.85
							Jul-21	39.75	41.83	6,668.54
							Oct-21	39.92	42.00	6,668.37
							Jan-22	40.13	42.21	6,668.16
							Apr-22	40.18	42.26	6,668.11
							Jul-22	40.32	42.40	6,667.97
							Sep-22	40.55	42.63	6,667.74
							Jan-23	40.74	42.82	6,667.55
							Apr-23	40.73	42.81	6,667.56
							Jul-23	41.00	43.08	6,667.29
							Sep-23	41.18	43.26	6,667.11

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW49	Bedrock	2.51	40.0-60.0	60.5	6,712.20	6,714.71	Jul-14	42.18	44.69	6,670.02
							Oct-14	42.46	44.97	6,669.74
							Jan-15	42.54	45.05	6,669.66
							Mar-15	42.71	45.22	6,669.49
							Jul-15	42.83	45.34	6,669.37
							Oct-15	43.07	45.58	6,669.13
							Jan-16	43.12	45.63	6,669.08
							Apr-16	43.42	45.93	6,668.78
							Jul-16	43.63	46.14	6,668.57
							Oct-16	43.84	46.35	6,668.36
							Jan-17	43.84	46.35	6,668.36
							Apr-17	44.17	46.68	6,668.03
							Jul-17	44.27	46.78	6,667.93
							Oct-17	44.58	47.09	6,667.62
							Jan-18	44.69	47.20	6,667.51
							Apr-18	44.82	47.33	6,667.38
							Jul-18	45.09	47.60	6,667.11
							Oct-18	45.09	47.60	6,667.11
							Jan-19	45.48	47.99	6,666.72
							Apr-19	45.57	48.08	6,666.63
							Jul-19	45.83	48.34	6,670.38
							Sep-19	45.77	48.28	6,670.44
		2.42			6,716.30	6,718.72	Jan-20	46.13	48.64	6,670.08
							Apr-20	46.49	49.00	6,669.72
							Jul-20	46.46	48.97	6,669.75
							Oct-20	46.66	49.17	6,669.55
							Jan-21	46.91	49.42	6,669.30
							Apr-21	46.98	49.49	6,669.23
							Jul-21	47.16	49.67	6,669.05
							Oct-21	47.24	49.75	6,668.97
							Jan-22	47.61	50.12	6,668.60
							Apr-22	47.64	50.15	6,668.57
							Jul-22	47.76	50.27	6,668.45
							Sep-22	47.95	50.46	6,668.26
							Jan-23	48.14	50.65	6,668.07
							Apr-23	48.08	50.59	6,668.13
							Jul-23	48.38	50.89	6,667.83
							Sep-23	48.53	51.04	6,667.68

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW50	Bedrock	2.55	55-75	75.0	6,712.47	6,715.02	Nov-19	44.14	46.69	6,668.33
							Apr-20	43.59	46.14	6,668.88
							Jul-20	43.86	46.41	6,668.61
							Oct-20	44.03	46.58	6,668.44
							Jan-21	44.33	46.88	6,668.14
							Apr-21	44.34	46.89	6,668.13
							Jul-21	44.60	47.15	6,667.87
							Oct-21	44.67	47.22	6,667.80
							Jan-22	45.00	47.55	6,667.47
							Apr-22	45.02	47.57	6,667.45
							Jul-22	45.19	47.74	6,667.28
							Sep-22	45.33	47.88	6,667.14
							Jan-23	45.42	47.97	6,667.05
							Apr-23	45.50	48.05	6,666.97
							Jul-23	45.75	48.30	6,666.72
							Sep-23	45.49	48.04	6,666.98
TMW51	Bedrock	2.59	105-125	125.0	6,704.11	6,706.70	Nov-19	34.43	37.02	6,669.68
							Apr-20	34.66	37.25	6,669.45
							Jul-20	34.91	37.50	6,669.20
							Oct-20	35.14	37.73	6,668.97
							Jan-21	35.34	37.93	6,668.77
							Apr-21	35.38	37.97	6,668.73
							Jul-21	35.65	38.24	6,668.46
							Sep-21	35.83	38.42	6,668.28
							Jan-22	36.05	38.64	6,668.06
							Apr-22	36.13	38.72	6,667.98
							Jul-22	36.33	38.92	6,667.78
							Sep-22	36.48	39.07	6,667.63
							Jan-23	36.63	39.22	6,667.48
							Apr-23	36.65	39.24	6,667.46
							Jul-23	36.96	39.55	6,667.15
							Sep-23	37.11	39.70	6,667.00
TMW52	Bedrock	2.66	95-115	115.0	6,701.71	6,704.36	Nov-19	63.34	66.00	6,638.36
							Apr-20	55.81	58.47	6,645.89
							Jul-20	56.36	59.02	6,645.34
							Oct-20	55.75	58.41	6,645.95
							Jan-21	56.09	58.75	6,645.61
							Apr-21	55.84	58.50	6,645.86
							Jul-21	56.18	58.84	6,645.52
							Sep-21	55.98	58.64	6,645.72
							Jan-22	56.26	58.92	6,645.44
							Apr-22	56.00	58.66	6,645.70
							Jul-22	56.28	58.94	6,645.42
							Sep-22	56.09	58.75	6,645.61
							Jan-23	56.18	58.84	6,645.52
							Apr-23	56.08	58.74	6,645.62
							Jul-23	56.77	59.43	6,644.93
							Sep-23	56.41	59.07	6,645.29

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW53	Bedrock	2.57	107-117	117.0	6,699.77	6,702.34	Nov-19	52.30	54.87	6,647.47
							Apr-20	52.09	54.66	6,647.68
							Jul-20	52.28	54.85	6,647.49
							Oct-20	52.31	54.88	6,647.46
							Jan-21	52.32	54.89	6,647.45
							Apr-21	52.29	54.86	6,647.48
							Jul-21	52.44	55.01	6,647.33
							Sep-21	52.35	54.92	6,647.42
							Jan-22	52.33	54.90	6,647.44
							Apr-22	52.42	54.99	6,647.35
							Jul-22	52.55	55.12	6,647.22
							Sep-22	52.64	55.21	6,647.13
							Jan-23	52.52	55.09	6,647.25
							Apr-23	52.58	55.15	6,647.19
							Jul-23	52.98	55.55	6,646.79
							Sep-23	52.97	55.54	6,646.80
TMW55	Bedrock	2.70	101-121	121.0	6,711.13	6,713.82	Nov-19	49.92	52.62	6,661.20
							Apr-20	50.01	52.71	6,661.11
							Jul-20	50.18	52.88	6,660.94
							Oct-20	50.35	53.05	6,660.77
							Jan-21	50.48	53.18	6,660.64
							Apr-21	50.52	53.22	6,660.60
							Jul-21	50.76	53.46	6,660.36
							Oct-21	50.72	53.42	6,660.40
							Jan-22	51.12	53.82	6,660.00
							Apr-22	51.04	53.74	6,660.08
							Jul-22	51.17	53.87	6,659.95
							Sep-22	51.25	53.95	6,659.87
							Jan-23	51.30	54.00	6,659.82
							Apr-23	51.33	54.03	6,659.79
							Jul-23	51.68	54.38	6,659.44
							Sep-23	51.72	54.42	6,659.40
TMW58	Bedrock	2.75	145-185	185.0	6,700.79	6,703.54	Nov-19	36.70	39.45	6,664.09
							Apr-20	35.59	38.34	6,665.20
							Jul-20	35.91	38.66	6,664.88
							Oct-20	36.04	38.79	6,664.75
							Jan-21	36.27	39.02	6,664.52
							Apr-21	36.33	39.08	6,664.46
							Jul-21	36.51	39.26	6,664.28
							Sep-21	36.56	39.31	6,664.23
							Jan-22	36.73	39.48	6,664.06
							Apr-22	37.11	39.86	6,663.68
							Jul-22	36.98	39.73	6,663.81
							Sep-22	37.22	39.97	6,663.57
							Jan-23	37.23	39.98	6,663.56
							Apr-23	37.27	40.02	6,663.52
							Jul-23	43.84	46.59	6,656.95
							Sep-23	37.76	40.51	6,663.03

TABLE 3-1: NORTHERN AREA WATER-LEVEL MEASUREMENTS BY GROUNDWATER ZONE
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	GW Zone	Casing Stick Up Length (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Well Ground Elevation (NAVD 88)	Well TOC Elevation (NAVD 88)	Water Level Measurement Date	Depth to Water (feet bgs)	Depth to Water (feet btoc)	Groundwater Elevation (NAVD 88)
TMW63	Bedrock	2.75	140-180	180.0	6,699.83	6,702.58	Nov-19	30.05	32.80	6,669.78
							Apr-20	30.16	32.91	6,669.67
							Jul-20	30.45	33.20	6,669.38
							Oct-20	30.66	33.41	6,669.17
							Jan-21	30.88	33.63	6,668.95
							Apr-21	30.89	33.64	6,668.94
							Jul-21	31.20	33.95	6,668.63
							Sep-21	31.30	34.05	6,668.53
							Jan-22	31.53	34.28	6,668.30
							Apr-22	31.64	34.39	6,668.19
							Jul-22	31.86	34.61	6,667.97
							Sep-22	31.99	34.74	6,667.84
							Jan-23	32.12	34.87	6,667.71
							Apr-23	32.16	34.91	6,667.67
							Jul-23	32.49	35.24	6,667.34
							Sep-23	32.64	35.39	6,667.19
TMW64	Bedrock	2.70	80-100	100.0	6,705.50	6,708.20	Nov-19	35.80	38.50	6,669.70
							Apr-20	35.97	38.67	6,669.53
							Jul-20	36.19	38.89	6,669.31
							Oct-20	36.42	39.12	6,669.08
							Jan-21	36.64	39.34	6,668.86
							Apr-21	36.65	39.35	6,668.85
							Jul-21	36.98	39.68	6,668.52
							Sep-21	37.13	39.83	6,668.37
							Jan-22	37.36	40.06	6,668.14
							Apr-22	37.41	40.11	6,668.09
							Jul-22	37.56	40.26	6,667.94
							Sep-22	37.76	40.46	6,667.74
							Jan-23	37.97	40.67	6,667.53
							Apr-23	37.96	40.66	6,667.54
							Jul-23	38.25	40.95	6,667.25
							Sep-23	38.40	41.10	6,667.10

NOTES: Elevations are recorded in U.S. feet above North America Vertical Datum of 1988 (NAVD88).

ABBREVIATIONS & ACRONYMS:
bgs = below ground surface
btoc = below top of casing
ID = identification
NM = no measurement

TABLE 4-1: NORTHERN AREA GROUNDWATER PURGE METHOD
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Casing Diameter (in)	Well Depth (ft bgs)	Screened Interval (ft bgs)	Screen Length (ft)	Dedicated Pump?	Low Flow?	Purge Method
BGMW01	2.5	33.0	12.5 – 32.5	20	Yes	Yes	Traditional Low Flow
BGMW02	2.5	34.0	13.5 – 33.5	20	Yes	Yes	Traditional Low Flow
BGMW03	2.5	29.0	8.5 – 28.5	20	No	No	Submersible Pump
BGMW07	2.0	300.0	215 – 255	40	No	No	Reclamation Pump
BGMW08	2.0	275.0	165 – 185	20	No	No	None* - Gauge Only
BGMW09	2.0	220.0	106 – 136	30	No	No	Submersible Pump
BGMW10	2.0	150.0	106 – 136	30	No	No	Submersible Pump
BGMW11	2.0	40.0	20 – 40	20	No	No	Submersible Pump
BGMW12	2.0	32.0	12 – 32	20	No	No	Submersible Pump
BGMW13S	2.0	69.0	49 – 69	20	No	No	Submersible Pump
BGMW13D	2.0	104.0	84 – 104	20	No	No	Submersible Pump
FW31	4.0	50.0	10 – 50	40	No	No	Hand Bail
FW35	4.0	30.0	10 – 30	20	No	No	Dry - Gauge Only
MW01	2.0	55.0	33.6 – 53.6	20	No	No	Hand Bail
MW02	2.0	48.0	37 – 47	10	No	No	Hand Bail
MW03	2.0	53.0	43 – 53	10	Yes	Yes	Traditional Low Flow
MW18S	2.0	39.0	27 – 37	10	No	No	Dry - Gauge Only
MW18D	2.0	59.9	47 – 57	10	No	No	Submersible Pump
MW20	2.0	59.4	47 – 57	10	Yes	Yes	Traditional Low Flow
MW22S	2.0	43.5	31 – 41	10	No	No	Dry - Gauge Only
MW22D	2.0	58.6	47 – 57	10	Yes	Yes	Traditional Low Flow
MW23	2.5	134.0	63.5 – 133.5	70	No	No	Bennett Pump
MW24	2.5	66.5	16 – 66	50	No	No	Bennett Pump
MW25	2.0	65.5	45.5 – 65.5	20	No	No	Submersible Pump
MW26	2.0	60.0	40 – 60	20	No	No	Submersible Pump
MW27	2.0	63.0	43 – 63	20	No	No	Submersible Pump
MW28	2.0	60.0	40 – 60	20	No	No	Submersible Pump
MW29	2.0	57.0	37 – 57	20	No	No	Submersible Pump
MW30	2.0	60.0	40 – 60	20	No	No	Submersible Pump
MW31	2.0	53.0	23 – 53	20	No	No	Submersible Pump
MW32	2.0	60.0	40 – 60	20	No	No	Submersible Pump
MW33	2.0	57.0	37 – 57	20	No	No	Hand Bail
MW34	2.0	60.0	40 – 60	20	No	No	Submersible Pump
MW35	2.0	61.0	41 – 61	20	No	No	Submersible Pump
MW36S	2.0	50.0	30 – 50	20	No	No	Submersible Pump
MW36D	2.0	75.0	55 – 75	20	No	No	Submersible Pump
MW37	2.0	45.0	25 – 45	20	No	No	Submersible Pump
MW38	2.0	50.0	30 – 50	20	No	No	Submersible Pump
MW39	2.0	50.0	30 – 50	20	No	No	Submersible Pump
SMW01	2.0	50.2	29.9 – 49.9	20	Yes	Yes	Traditional Low Flow

TABLE 4-1: NORTHERN AREA GROUNDWATER PURGE METHOD
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Casing Diameter (in)	Well Depth (ft bgs)	Screened Interval (ft bgs)	Screen Length (ft)	Dedicated Pump?	Low Flow?	Purge Method
TMW01	2.0	60.0	44 – 59	15	Yes	Yes	Traditional Low Flow
TMW02	2.0	85.0	67.9 – 81.9	14	Yes	Yes	Traditional Low Flow
TMW03	2.0	70.1	49.8 – 69.8	20	Yes	Yes	Traditional Low Flow
TMW04	2.0	70.5	50 – 70	20	Yes	Yes	Traditional Low Flow
TMW06	2.0	57.0	45 – 55	10	Yes	Yes	Traditional Low Flow
TMW07	2.0	76.0	65 – 75	10	No	No	Submersible Pump
TMW08	2.0	62.0	30 – 60	30	Yes	Yes	Traditional Low Flow
TMW10	2.0	65.0	28 – 58	30	Yes	Yes	Traditional Low Flow
TMW11	2.0	82.0	55 – 80	25	No	No	None, Dry - Gauge Only
TMW13	2.0	72.5	60.7 – 70.7	10	Yes	Yes	Traditional Low Flow
TMW14A	2.0	110.0	94.25 – 109.25	15	Yes	Yes	ZIST Low Flow
TMW15	2.0	82.0	56 – 71	15	Yes	Yes	Traditional Low Flow
TMW16	2.0	142.0	123 – 138	15	No	No	Bennett Pump
TMW17	2.0	152.0	112 – 127	15	Yes	Yes	ZIST Low Flow
TMW18	2.0	220.0	150 – 160	10	No	No	Bennett Pump
TMW19	2.0	187.0	169 – 184	15	No	No	Bennett Pump
TMW21	2.0	72.0	48 – 58	10	No	No	Submersible Pump
TMW22	2.0	77.0	52 – 62	10	No	No	Submersible Pump
TMW23	2.0	72.0	46 – 56	10	No	No	Submersible Pump
TMW24	2.0	75.0	44 – 54	10	Yes	Yes	Traditional Low Flow
TMW25	2.0	74.0	42.5 – 52.5	10	No	No	Submersible Pump
TMW26	2.0	64.8	45 – 55	10	Yes	Yes	Traditional Low Flow
TMW27	2.0	102.2	60 – 70	10	Yes	Yes	Traditional Low Flow
TMW28	2.0	72.5	37 – 47	10	Yes	Yes	Traditional Low Flow
TMW29	2.0	69.0	49 – 59	10	No	No	Hand Bail
TMW30	2.0	51.5	35 – 45	10	No	No	Hand Bail
TMW31S	2.0	61.0	50 – 60	10	No	No	Submersible Pump
TMW31D	2.0	111.5	77 – 107	30	Yes	Yes	Traditional Low Flow
TMW32	2.0	139.1	117 – 137	20	Yes	Yes	Traditional Low Flow
TMW33	2.0	60.4	37 – 57	20	No	No	Submersible Pump
TMW34	2.0	57.3	37 – 57	20	Yes	Yes	Traditional Low Flow
TMW35	2.0	55.0	35 – 55	20	Yes	Yes	Traditional Low Flow
TMW36	2.0	157.0	132 – 152	20	No	No	Bennett Pump
TMW37	2.0	111.0	88 – 108	20	No	No	Bennett Pump
TMW38	2.5	159.5	118.9 – 158.9	40	Yes	Yes	Traditional Low Flow
TMW39S	2.5	53.0	32.5 – 52.5	20	No	No	Submersible Pump
TMW39D	2.5	100.5	70 – 100	30	Yes	Yes	Traditional Low Flow
TMW40S	2.5	60.5	50 – 60	10	No	No	Hand Bail
TMW40D	2.5	155.5	135 – 155	20	Yes	Yes	Traditional Low Flow
TMW41	2.5	66.0	55.5 – 65.5	10	No	No	Submersible Pump

TABLE 4-1: NORTHERN AREA GROUNDWATER PURGE METHOD
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Casing Diameter (in)	Well Depth (ft bgs)	Screened Interval (ft bgs)	Screen Length (ft)	Dedicated Pump?	Low Flow?	Purge Method
TMW43	2.5	78.5	58 – 78	20	Yes	Yes	Traditional Low Flow
TMW44	2.5	64.0	43.5 – 63.5	20	No	No	Submersible Pump
TMW45	2.5	59.0	38.5 – 58.5	20	Yes	Yes	Traditional Low Flow
TMW46	2.5	59.0	38.5 – 58.5	20	No	No	Submersible Pump
TMW47	2.5	103.0	82.5 – 102.5	20	Yes	Yes	Traditional Low Flow
TMW48	2.5	91.5	71 – 91	20	Yes	Yes	Traditional Low Flow
TMW49	2.5	60.0	40 – 60	20	Yes	Yes	Traditional Low Flow
TMW50	2.0	75.0	55 – 75	20	No	No	Submersible Pump
TMW51	2.0	125.0	105 – 125	20	No	No	Submersible Pump
TMW52	2.0	115.0	95 – 115	20	No	No	Submersible Pump
TMW53	2.0	117.0	107 – 117	10	No	No	Submersible Pump
TMW54	2.0	41.4	21.4 – 41.4	20	No	No	Dry - Gauge Only
TMW55	2.0	121.0	101 – 121	20	No	No	Submersible Pump
TMW56	2.0	50.0	30 – 50	20	No	No	Hand Bail
TMW57	2.0	70.0	60 – 70	10	No	No	Submersible Pump
TMW58	2.0	185.0	145 – 185	40	No	No	Reclamation Pump
TMW59	2.0	62.0	42 – 62	20	No	No	Submersible Pump
TMW60	2.0	66.0	46 – 66	20	No	No	Dry - Gauge Only
TMW61	2.0	61.0	41 – 61	20	No	No	Hand Bail
TMW62	2.0	60.0	40 – 60	20	No	No	Submersible Pump
TMW63	2.0	180.0	140 – 180	40	No	No	Reclamation Pump
TMW64	2.0	100.0	80 – 100	20	No	No	Submersible Pump

ABBREVIATIONS and ACRONYMS:
ft bgs = feet below ground surface
ID = identification
in = inches
ZIST = zone isolation sampling technology

TABLE 4-2: FIELD EQUIPMENT AND MATERIALS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Equipment and Materials	Elevation Survey	Traditional Low-Flow	ZIST Low-Flow	Hand Bail	Submersible Pump	Bennett Pump
Electronic water level meter, capable of measuring to 0.01 feet accuracy	X	X	X	X	X	X
Power source (generator, portable rechargeable battery, and connectors)[a]		X	X		X	
Nitrogen Tanks with airline hoses and pressure regulator		X	X			X
Reusable submersible pump setup (control boxes, flow regulator, pump assembly, pump cable, power supply)					X	
Power Inverter		X	X			
Indicator field parameter monitoring instruments		X	X	X	X	X
Flow measurement supplies (graduated container and stopwatch)		X	X	X	X	X
Extra tubing		X	X		X	X
Bailers and bailing string				X	X	
Clamp or connector		X	X	X	X	X
Reusable buckets or storage containers for purge water		X	X	X	X	X
Reusable large portable water tanks (250 gallon or greater)					X	X
Decontamination supplies (including non phosphate detergent, distilled water, brushes, and dedicated decontamination buckets)	X	X	X	X	X	X
Plastic sheeting, absorbent pads, or shallow tubs to catch spills	X	X	X	X	X	X
Personal Protective Equipment	X	X	X	X	X	X
Trash bags	X	X	X	X	X	X
Sample bottles and sample labels		X	X	X	X	X
Shipping supplies (including coolers, resealable bags, tape, cushioning material , shipping forms)		X	X	X	X	X
Logbook and sampling forms	X	X	X	X	X	X
Well construction data, location map, field data from last sampling event.	X	X	X	X	X	X
Well keys	X	X	X	X	X	X

NOTES:
[a] If a gasoline generator is used, it will be located downwind and at least 15 feet from the well so that the exhaust fumes do not contaminate the samples.
ZIST = zone isolation sampling technology

TABLE 4-3: SAMPLE CONTAINERS, PRESERVATION, AND HOLDING TIME BY ANALYTICAL METHOD
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Analytical Group	Analytical Method	Container (Number Size, and Type)	MS/MSD Container (Number, Size, and Type)	Preservation	Holding Time
TCL VOCs	SW8260C	(3) 40 mL VOC glass vials	(9) 40 mL VOC glass vials	No headspace; Cool < 6°C, HCL to pH < 2	14 days preserved
TCL SVOCs	SW8270D	(1) 250 mL amber bottle	(3) 250 mL amber bottle	Cool <6°C	7 days to extraction, 40 days to analysis
TPH GRO	SW8015D	(3) 40 mL VOC glass vials	(9) 40 mL VOC glass vials	No headspace; Cool < 6°C, HCL to pH < 2	14 days preserved
PCBs	SW8082A	(1) 500 mL amber bottle	(3) 500 mL amber bottle	Cool < 6°C	7 days to extraction, 40 days to analysis
TCL Pesticides	SW8081B	(1) 500 mL amber bottle	(3) 500 mL amber bottle	Cool < 6°C	7 days to extraction, 40 days to analysis
TPH DRO	SW8015D	(1) 1 L amber bottle	(3) 1 L amber bottle	Cool < 6°C	7 days to extraction, 40 days to analysis
Explosives	SW8330B/8332	(1) 500 mL amber bottles	(3) 500 mL amber bottles	Cool < 6°C	7 days to extraction, 40 days to analysis
Major Anions	SW9056A	(3) 250 mL poly	(9) 250 mL poly	Cool < 6°C	48 hours
Herbicides	SW8321	(2) 40 mL VOC glass vials	(6) 40 mL VOC glass vials	No headspace; Cool < 6°C	7 days to extraction, 40 days to analysis
Perchlorate (filtered)	SW6850	(1) 125 mL poly bottle, field filtered	(3) 125 mL poly bottle, field filtered	One third bottle headspace; Cool < 6°C	28 days
TAL Total Metals and Mercury (unfiltered)	SW6020A	(1) 500 mL poly bottle	(3) 500 mL poly bottle	Cool < 6°C, HNO3 to pH < 2	28 days
TAL Dissolved Metals and Mercury (filtered)	SW6020A	(1) 500 mL poly bottle, field filtered	(3) 500 mL poly bottle, field filtered	Cool < 6°C, HNO3 to pH < 2	28 days

ABBREVIATIONS AND ACRONYMS:

°C = degrees Celsius
DRO = diesel range organics
GRO = gasoline range organics
HCL = hydrochloric acid
HNO3 = nitric acid
L = liter
mL = milliliter
poly = polyethylene
SIM = Selected Ion Monitoring
SVOC = semivolatile organic compound
TAL = target analyte list
TCL = target compound list
TPH = total petroleum hydrocarbons
VOC = volatile organic compound

TABLE 5-1: GROUNDWATER SCREENING LEVELS, DETECTION LIMITS, AND CONTROL LIMITS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3,4]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD CONTROL LIMITS	%RPD (LCS, MSD/MSD)	%RPD (FDUP)	LOQ	LOD	DL	NOTES
6020A	Aluminum	7429-90-5	µg/L		5,000			20,000	5,000	WQCC		84-117	20%	30%	200	30.0	8.25	
6020A	Calcium[6]	7440-70-2	µg/L						NA			87-118	20%	30%	200	100	32.3	
6020A	Iron	7439-89-6	µg/L		1,000			14,000	1,000	WQCC		87-118	20%	30%	200	40.0	8.67	
6020A	Magnesium[6]	7439-95-4	µg/L						NA			83-118	20%	30%	200	15.0	4.16	
6020A	Potassium[6]	7440-09-7	µg/L						NA			87-115	20%	30%	1000	76.0	52.0	
6020A	Sodium[6]	7440-23-5	µg/L						NA			85-117	20%	30%	1000	150	73.3	
6020A	Antimony	7440-36-0	µg/L	6	6			7.8	6	WQCC		85-117	20%	30%	2.00	1.00	0.400	
6020A	Arsenic	7440-38-2	µg/L	10	10	0.052	0.52	6	10	WQCC		84-116	20%	30%	5.00	2.00	0.500	
6020A	Barium	7440-39-3	µg/L	2,000	2,000			3,800	2,000	WQCC		86-114	20%	30%	3.00	0.950	0.380	
6020A	Beryllium	7440-41-7	µg/L	4	4			25	4	WQCC		83-121	20%	30%	1.00	0.600	0.303	
6020A	Cadmium	7440-43-9	µg/L	5	5			1.8	5	WQCC		87-115	20%	30%	1.00	0.750	0.190	
6020A	Chromium	7440-47-3	µg/L	100	50				50	WQCC		85-116	20%	30%	3.00	1.80	0.500	
6020A	Cobalt	7440-48-4	µg/L		50			6	50	WQCC		86-115	20%	30%	1.00	0.900	0.330	
6020A	Copper	7440-50-8	µg/L	1,300	1,000			800	1,000	WQCC		85-118	20%	30%	2.00	1.80	0.710	
6020A	Lead	7439-92-1	µg/L	15	15			15	15	WQCC		88-115	20%	30%	1.00	0.700	0.230	
6020A	Manganese	7439-96-5	µg/L		200			430	200	WQCC		87-115	20%	30%	3.00	1.80	0.510	
6020A	Nickel	7440-02-0	µg/L		200			390	200	WQCC		85-117	20%	30%	3.00	1.90	0.830	
6020A	Selenium	7782-49-2	µg/L	50	50			100	50	WQCC		80-120	20%	30%	5.00	4.00	1.00	
6020A	Silver	7440-22-4	µg/L		50			94	50	WQCC		85-116	20%	30%	1.00	0.150	0.0450	
6020A	Thallium	7440-28-0	µg/L	2	2			0.2	2	WQCC		82-116	20%	30%	1.00	0.750	0.210	
6020A	Vanadium	7440-62-2	µg/L					86	86	RSL	nc	86-115	20%	30%	5.00	3.00	1.12	
6020A	Zinc	7440-66-6	µg/L		10,000			6,000	10,000	WQCC		83-119	20%	30%	10.0	8.00	2.00	
6850	Perchlorate	14797-73-0	µg/L					14	14	RSL		84 - 119	15%	30%	0.200	0.100	0.0130	
7470A	Mercury	7439-97-6	µg/L	2	2			0.63	2	WQCC		82-119	20%	30%	0.200	0.0800	0.0610	
8015D	Diesel Range Organics (DRO) [C10 C28]	68334-30-5	µg/L						16.7	NMED RAG[5]		36 - 132	30%	30%	250	120	32.6	
8015D	Gasoline Range Organics (GRO) [C6 C10]	8006-61-9	µg/L						10.1	NMED RAG[5]		78 - 122	30%	30%	25	20	10	
8260C	1,1,1,2-Tetrachloroethane	630-20-6	µg/L			0.57	5.7	480	5.7	RSL	c	78-124	20%	30%	1.00	0.800	0.577	
8260C	1,1,1-Trichloroethane	71-55-6	µg/L	200	200			8,000	200	WQCC		74-131	20%	30%	1.00	0.500	0.390	
8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/L		10	0.076	0.76	360	10	WQCC		71-121	20%	30%	1.00	0.800	0.210	
8260C	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	µg/L					10,000	10,000	RSL	nc		20%	30%	3.00	1.80	0.729	
8260C	1,1,2-Trichloroethane	79-00-5	µg/L	5	5	0.28	2.8	0.41	5	WQCC		80-119	20%	30%	1.00	0.800	0.270	
8260C	1,1-Dichloroethane	75-34-3	µg/L		25	2.8	28	3,800	25	WQCC		77-125	20%	30%	1.00	0.800	0.220	
8260C	1,1-Dichloroethene	75-35-4	µg/L	7	7			280	7	WQCC		71-131	20%	30%	1.00	0.800	0.230	
8260C	1,1-Dichloropropene (Surrogate *dichloropropene, 1,3)*	563-58-6	µg/L			0.47	4.7	39	4.7	RSL	c	79-125	20%	30%	1.00	0.800	0.416	

TABLE 5-1: GROUNDWATER SCREENING LEVELS, DETECTION LIMITS, AND CONTROL LIMITS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3,4]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD CONTROL LIMITS	%RPD (LCS, MSD/MSD)	%RPD (FDUP)	LOQ	LOD	DL	NOTES
8260C	1,2,3-Trichlorobenzene	87-61-6	µg/L					7	7	RSL	nc	69-129	20%	30%	2.00	0.800	0.704	
8260C	1,2,3-Trichloropropane	96-18-4	µg/L			0.00075	0.0075	0.62	0.0075	RSL	c	73-122	20%	30%	2.50	1.80	0.858	
8260C	1,2,4-Trichlorobenzene	120-82-1	µg/L	70	70	1.2	12	4	70	WQCC		69-130	20%	30%	1.00	0.800	0.584	
8260C	1,2,4-Trimethylbenzene	95-63-6	µg/L					56	56	RSL	nc	76-124	20%	30%	1.00	0.400	0.150	
8260C	1,2-Dibromo-3-Chloropropane	96-12-8	µg/L	0.2		0.00033	0.0033	0.37	0.2	MCL		62-128	20%	30%	5.00	4.00	1.76	
8260C	1,2-Dibromoethane	106-93-4	µg/L	0.05		0.0075	0.075	17	0.05	MCL		77-121	20%	30%	1.00	0.800	0.404	
8260C	1,2-Dichlorobenzene	95-50-1	µg/L	600	600			300	600	WQCC		80-119	20%	30%	1.00	0.500	0.372	
8260C	1,2-Dichloroethane	107-06-2	µg/L	5	5	0.17	1.7	13	5	WQCC		73-128	20%	30%	1.00	0.800	0.541	
8260C	1,3,5-Trimethylbenzene	108-67-8	µg/L					60	60	RSL	nc	75-124	20%	30%	1.00	0.500	0.368	
8260C	1,3-Dichlorobenzene (Surrogate *dichlorobenzene, 1,4)*	541-73-1	µg/L	75		0.48	4.8	570	75	MCL		80-119	20%	30%	1.00	0.400	0.334	
8260C	1,3-Dichloropropane	142-28-9	µg/L					370	370	RSL	nc	80-119	20%	30%	1.00	0.800	0.379	
8260C	1,4-Dichlorobenzene	106-46-7	µg/L	75	75	0.48	4.8	570	75	WQCC		79-118	20%	30%	1.00	0.500	0.389	
8260C	2,2-Dichloropropane *(Surrogate dichloropropane, 1,2)*	594-20-7	µg/L	5		0.85	8.5	8.2	5	MCL		60-139	20%	30%	1.00	0.800	0.380	
8260C	2-Butanone (MEK)	78-93-3	µg/L					5,600	5,600	RSL	nc	56-143	20%	30%	15.0	12.0	5.95	
8260C	2-Chlorotoluene	95-49-8	µg/L					240	240	RSL	nc	79-122	20%	30%	1.00	0.400	0.341	
8260C	2-Hexanone	591-78-6	µg/L					38	38	RSL	nc	57-139	20%	30%	5.00	4.00	1.70	
8260C	4-Chlorotoluene	106-43-4	µg/L					250	250	RSL	nc		20%	30%	1.00	0.800	0.210	
8260C	4-Methyl-2-pentanone (MIBK)	108-10-1	µg/L					6,300	6,300	RSL	nc	67-130	20%	30%	5.00	3.20	0.980	methyl isobutyl ketone
8260C	Acetone	67-64-1	µg/L					18,000	18,000	RSL	nc	39-160	20%	30%	15.0	8.00	6.60	
8260C	Benzene	71-43-2	µg/L	5	5	0.46	4.6	33	5	WQCC		79-120	20%	30%	1.00	0.800	0.308	
8260C	Bromobenzene	108-86-1	µg/L					62	62	RSL	nc	80-120	20%	30%	1.00	0.500	0.397	
8260C	Bromochloromethane	74-97-5	µg/L					83	83	RSL	nc	78-123	20%	30%	1.00	0.800	0.403	
8260C	Bromodichloromethane	75-27-4	µg/L	80		0.13	1.3	150	80	MCL		79-125	20%	30%	1.00	0.500	0.386	
8260C	Bromoform	75-25-2	µg/L	80		3.3	33	380	80	MCL		66-130	20%	30%	2.00	1.80	1.21	
8260C	Bromomethane	74-83-9	µg/L					7.5	7.5	RSL	nc	53-141	20%	30%	5.00	4.00	2.36	
8260C	Carbon disulfide	75-15-0	µg/L					810	810	RSL	nc	64-133	20%	30%	2.00	0.800	0.631	
8260C	Carbon tetrachloride	56-23-5	µg/L	5	5	0.46	4.6	49	5	WQCC		72-136	20%	30%	1.00	0.800	0.566	
8260C	Chlorobenzene	108-90-7	µg/L	100				78	100	MCL		82-118	20%	30%	1.00	0.800	0.422	
8260C	Chloroethane	75-00-3	µg/L					8,300	8,300	RSL	nc	60-138	20%	30%	4.00	1.60	1.37	
8260C	Chloroform	67-66-3	µg/L	80	100	0.22	2.2	97	80	MCL		79-124	20%	30%	1.00	0.800	0.358	
8260C	Chloromethane	74-87-3	µg/L					190	190	RSL	nc	50-139	20%	30%	2.00	1.00	0.753	
8260C	cis-1,2-Dichloroethene	156-59-2	µg/L	70	70			25	70	WQCC		78-123	20%	30%	1.00	0.400	0.321	
8260C	cis-1,3-Dichloropropene *(Surrogate dichloropropene, 1,3)*	10061-01-5	µg/L			0.47	4.7	39	4.7	RSL	c	75-124	20%	30%	2.00	1.80	0.626	

TABLE 5-1: GROUNDWATER SCREENING LEVELS, DETECTION LIMITS, AND CONTROL LIMITS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3,4]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD CONTROL LIMITS	%RPD (LCS, MSD/MSD)	%RPD (FDUP)	LOQ	LOD	DL	NOTES
8260C	Dibromochloromethane	124-48-1	µg/L	80		0.87	8.7	380	80	MCL		74-126	20%	30%	2.00	1.80	0.618	
8260C	Dibromomethane	74-95-3	µg/L					8.3	8.3	RSL	nc	79-123	20%	30%	1.00	0.400	0.343	
8260C	Dichlorodifluoromethane	75-71-8	µg/L					200	200	RSL	nc	32-152	20%	30%	3.00	2.50	0.962	
8260C	Ethylbenzene	100-41-4	µg/L	700	700	1.5	15	500	700	WQCC		79-121	20%	30%	1.00	0.400	0.303	
8260C	Hexachlorobutadiene	87-68-3	µg/L			0.14	1.4	6.5	1.4	RSL	c	66-134	20%	30%	2.00	1.80	1.17	
8260C	Isopropylbenzene	98-82-8	µg/L					450	450	RSL	nc	72-131	20%	30%	1.00	0.500	0.363	
8260C	Methyl acetate	79-20-9	µg/L					20,000	20,000	RSL	nc	56-136	20%	30%	5.00	4.00	1.64	
8260C	Methyl tert butyl ether	1634-04-4	µg/L		100	14	140	6300	100	WQCC	c	71-124	20%	30%	5.00	0.800	0.250	
8260C	Methylcyclohexane *(Surrogate cyclohexane)*	108-87-2	µg/L						NS			72-132	20%	30%	1.00	0.400	0.314	
8260C	Methylene Chloride	75-09-2	µg/L	5	5	11	110	110	5	MCL		74-124	20%	30%	2.00	1.80	0.938	
8260C	m-Xylene & p Xylene	179601-23-1	µg/L					190	190	RSL	nc	80-121	20%	30%	2.00	0.800	0.356	
8260C	Naphthalene	91-20-3	µg/L		30	0.12	1.2	6.1	30	WQCC		61-128	20%	30%	2.00	0.800	0.634	
8260C	n-Butylbenzene	104-51-8	µg/L					1000	1000	RSL	nc	75-128	20%	30%	1.00	0.800	0.475	
8260C	N-Propylbenzene	103-65-1	µg/L					660	660	RSL	nc	76-126	20%	30%	1.00	0.800	0.531	
8260C	o-Xylene	95-47-6	µg/L					190	190	RSL	nc	78-122	20%	30%	1.00	0.400	0.331	
8260C	p-Isopropyltoluene *(Surrogate cumene)*	99-87-6	µg/L						NS			77-127	20%	30%	1.00	0.800	0.428	
8260C	sec-Butylbenzene	135-98-8	µg/L					2,000	2,000	RSL	nc	77-126	20%	30%	1.00	0.800	0.447	
8260C	Styrene	100-42-5	µg/L	100	100			1,200	100	WQCC		78-123	20%	30%	1.00	0.800	0.356	
8260C	tert-Butylbenzene	98-06-6	µg/L					690	690	RSL	nc	78-124	20%	30%	1.00	0.800	0.421	
8260C	Toluene	108-88-3	µg/L	1,000	1,000			1,100	1,000	WQCC		80-121	20%	30%	1.00	0.400	0.322	
8260C	trans-1,2-Dichloroethene	156-60-5	µg/L	100	100			68	100	WQCC		75-124	20%	30%	1.00	0.500	0.368	
8260C	trans-1,3-Dichloropropene *(Surrogate dichloropropene, 1,3)*	10061-02-6	µg/L			0.47	4.7	39	4.7	RSL	c	73-127	20%	30%	2.00	1.80	0.646	
8260C	Trichloroethene	79-01-6	µg/L	5	5	0.49	4.9	2.8	5	WQCC		79-123	20%	30%	1.00	0.400	0.300	
8260C	Trichlorofluoromethane	75-69-4	µg/L					5,200	5,200	RSL	nc	65-141	20%	30%	2.00	0.800	0.566	
8260C	Vinyl chloride	75-01-4	µg/L	2	2	0.019	0.19	42	2	WQCC		58-137	20%	30%	2.00	1.00	0.505	
8270D	1,2,4-Trichlorobenzene	120-82-1	µg/L	70	70	1.2	12	4	70	WQCC			20%	30%	10.0	8.00	5.84	
8270D	1,2-Dichlorobenzene	95-50-1	µg/L	600	600			300	600	WQCC			20%	30%	10.0	5.00	3.72	
8270D	1,3-Dichlorobenzene (Surrogate *dichlorobenzene, 1,4)*	541-73-1	µg/L	75	75	0.48	4.8	570	75	WQCC			20%	30%	10.0	4.00	3.340	
8270D	1,4-Dichlorobenzene	106-46-7	µg/L	75	75	0.48	4.8	570	75	WQCC			20%	30%	10.0	5.00	3.89	
8270D	2,2-Oxybis(1-chloropropane)	108-60-1	µg/L					710	710	RSL	nc	32-120	20%	30%	10.0	8.00	1.31	bis-(2-chloroisopropyl) ether
8270D	2,4,5-Trichlorophenol	95-95-4	µg/L					1,200	1,200	RSL	nc	53-123	20%	30%	10.0	8.00	0.900	
8270D	2,4,6-Trichlorophenol	88-06-2	µg/L			4.1	41	12	12	RSL	nc	50-125	20%	30%	10.0	8.00	0.710	

TABLE 5-1: GROUNDWATER SCREENING LEVELS, DETECTION LIMITS, AND CONTROL LIMITS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3,4]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD CONTROL LIMITS	%RPD (LCS, MSD/MSD)	%RPD (FDUP)	LOQ	LOD	DL	NOTES
8270D	2,4-Dichlorophenol	120-83-2	µg/L					46	46	RSL	nc	47-121	20%	30%	10.0	8.00	0.640	
8270D	2,4-Dimethylphenol	105-67-9	µg/L					360	360	RSL	nc	31-124	20%	30%	10.0	8.00	1.36	
8270D	2,4-Dinitrophenol	51-28-5	µg/L					39	39	RSL	nc	23-143	20%	30%	30.0	20.0	12.8	
8270D	2,4-Dinitrotoluene	121-14-2	µg/L			0.24	2.4	38	2.4	RSL	c	57-128	20%	30%	10.0	8.00	1.43	
8270D	2,6-Dinitrotoluene	606-20-2	µg/L			0.049	0.49	5.7	0.49	RSL	c	57-124	20%	30%	10.0	8.00	1.42	
8270D	2-Chloronaphthalene	91-58-7	µg/L					750	750	RSL	nc	40-116	20%	30%	4.00	3.20	1.27	
8270D	2-Chlorophenol	95-57-8	µg/L					91	91	RSL	nc	38-117	20%	30%	10.0	8.00	0.680	
8270D	2-Methylnaphthalene	91-57-6	µg/L		30			36	30	WQCC		40-121	20%	30%	4.00	3.20	1.22	
8270D	2-Methylphenol	95-48-7	µg/L					930	930	RSL	nc	30-117	20%	30%	10.0	8.00	0.770	
8270D	2-Nitroaniline	88-74-4	µg/L					190	190	RSL	nc	55-127	20%	30%	10.0	3.20	2.61	
8270D	2-Nitrophenol	88-75-5	µg/L						NS			47-123	20%	30%	10.0	8.00	3.48	
8270D	4-Methylphenol	106-44-5	µg/L					370	370	RSL	nc		20%	30%	10.0	8.00	0.800	
8270D	3,3-Dichlorobenzidine	91-94-1	µg/L			0.13	1.3		1.3	RSL	c	27-129	20%	30%	50.0	30.0	3.38	
8270D	3-Nitroaniline *(Surrogate 4-nitroaniline)*	99-09-2	µg/L			3.8	38	78	38	RSL	c	41-128	20%	30%	10.0	8.00	3.34	
8270D	4,6-Dinitro-2-methylphenol	534-52-1	µg/L					1.5	1.5	RSL	nc	44-137	20%	30%	50.0	30.0	4.03	
8270D	4-Bromophenyl phenyl ether	101-55-3	µg/L						NS			55-124	20%	30%	10.0	8.00	1.01	
8270D	4-Chloro-3-methylphenol	59-50-7	µg/L					1,400	1,400	RSL	nc	52-119	20%	30%	10.0	8.00	0.690	
8270D	4-Chloroaniline	106-47-8	µg/L			0.37	3.7	9.5	3.7	RSL	c	33-117	20%	30%	20.0	12.8	6.28	
8270D	4-Chlorophenyl phenyl ether	7005-72-3	µg/L						NS			53-121	20%	30%	10.0	8.00	1.24	
8270D	4-Nitroaniline	100-01-6	µg/L			3.8	38	78	38	RSL	c	49-122	20%	30%	10.0	8.00	2.61	
8270D	4-Nitrophenol *(Surrogate 2-chlorophenol)*	100-02-7	µg/L						NS			31-120	20%	30%	25.0	12.8	9.05	
8270D	Acenaphthene	83-32-9	µg/L					530	530	RSL	nc	47-122	20%	30%	4.00	3.20	0.960	
8270D	Acenaphthylene	208-96-8	µg/L						NS			41-130	20%	30%	4.00	3.20	0.746	
8270D	Anthracene	120-12-7	µg/L					1,800	1,800	RSL	nc	57-123	20%	30%	4.00	3.20	0.580	
8270D	Benzaldehyde	100-52-7	µg/L			19	190	1,900	190	RSL	c	12-120	20%	30%	5.00	3.20	1.16	
8270D	Benzo[a]anthracene	56-55-3	µg/L			0.03	0.3		0.3	RSL	c	58-125	20%	30%	4.00	3.20	0.390	
8270D	Benzo[a]pyrene	50-32-8	µg/L	0.2	0.2	0.025	0.25	6	0.2	WQCC		54-128	20%	30%	4.00	3.20	0.500	
8270D	Benzo[b]fluoranthene	205-99-2	µg/L			0.25	2.5		2.5	RSL	c	53-131	20%	30%	4.00	3.20	1.19	

TABLE 5-1: GROUNDWATER SCREENING LEVELS, DETECTION LIMITS, AND CONTROL LIMITS
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METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3,4]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD CONTROL LIMITS	%RPD (LCS, MSD/MSD)	%RPD (FDUP)	LOQ	LOD	DL	NOTES
8270D	Benzo[g,h,i]perylene	191-24-2	µg/L						NS			50-134	20%	30%	4.00	3.20	0.510	
8270D	Benzo[k]fluoranthene	207-08-9	µg/L			2.5	25		25	RSL	c	57-129	20%	30%	4.00	3.20	0.400	
8270D	bis-(2-Chloroethoxy)methane	111-91-1	µg/L					59	59	RSL	nc	48-120	20%	30%	10.0	8.00	0.810	
8270D	bis-(2-Chloroethyl)ether	111-44-4	µg/L			0.014	0.14		0.14	RSL	c	43-118	20%	30%	10.0	8.00	2.02	
8270D	bis-(2-Ethylhexyl)phthalate	117-81-7	µg/L	6		5.6	56	400	6	MCL		55-135	20%	30%	10.0	8.00	3.32	
8270D	Butyl benzyl phthalate	85-68-7	µg/L			16	160	1,700	160	RSL	c	53-134	20%	30%	4.00	3.20	1.53	
8270D	Caprolactam	105-60-2	µg/L					9,900	9,900	RSL	nc	10-120	20%	30%	15.0	10.0	5.51	
8270D	Carbazole *(Surrogate fluorene)*	86-74-8	µg/L					290	290	RSL	nc	60-122	20%	30%	4.00	3.20	0.500	
8270D	Chrysene	218-01-9	µg/L			25	250		250	RSL	c	59-123	20%	30%	4.00	3.20	1.99	
8270D	Dibenz(a,h)anthracene	53-70-3	µg/L			0.025	0.25		0.25	RSL	c	51-134	20%	30%	10.0	8.00	0.580	
8270D	Dibenzofuran	132-64-9	µg/L					7.9	7.9	RSL	nc	53-118	20%	30%	4.00	3.20	0.950	
8270D	Diethyl phthalate	84-66-2	µg/L					15,000	15,000	RSL	nc	56-125	20%	30%	4.00	3.20	0.589	
8270D	Dimethyl phthalate	131-11-3	µg/L						NS			45-127	20%	30%	4.00	3.20	0.750	
8270D	Di-n-butyl phthalate	84-74-2	µg/L					900	900	RSL	nc	59-127	20%	30%	4.00	3.20	0.450	
8270D	Di-n-octyl phthalate	117-84-0	µg/L					200	200	RSL	nc	51-140	20%	30%	10.0	8.00	3.60	
8270D	Fluoranthene	206-44-0	µg/L					800	800	RSL	nc	57-128	20%	30%	4.00	3.20	0.500	
8270D	Fluorene	86-73-7	µg/L					290	290	RSL	nc	52-124	20%	30%	4.00	3.20	0.784	
8270D	Hexachlorobenzene	118-74-1	µg/L	1		0.0098	0.098	0.2	1	MCL		53-125	20%	30%	10.0	8.00	0.860	
8270D	Hexachlorobutadiene	87-68-3	µg/L			0.14	1.4	6.5	1.4	RSL	c	22-124	20%	30%	10.0	8.00	2.86	
8270D	Hexachlorocyclopentadiene	77-47-4	µg/L	50				0.41	50	MCL		10-120	20%	30%	50.0	48.0	16.0	
8270D	Hexachloroethane	67-72-1	µg/L			0.33	3.3	6.2	3.3	RSL	c	21-115	20%	30%	10.0	8.00	4.46	
8270D	Indeno(1,2,3-cd)pyrene	193-39-5	µg/L			0.25	2.5		2.5	RSL	c	52-134	20%	30%	10.0	8.00	1.34	
8270D	Isophorone	78-59-1	µg/L			78	780	3,800	780	RSL	c	42-124	20%	30%	10.0	8.00	1.98	
8270D	Naphthalene	91-20-3	µg/L		30	0.12	1.2	6.1	30	WQCC		40-121	20%	30%	4.00	3.20	1.51	
8270D	Nitrobenzene	98-95-3	µg/L			0.14	1.4	13	1.4	RSL	c	45-121	20%	30%	10.0	8.00	1.25	
8270D	N-Nitrosodi-n-propylamine	621-64-7	µg/L			0.011	0.11		0.11	RSL	c	49-119	20%	30%	10.0	8.00	1.91	
8270D	N-Nitrosodiphenylamine	86-30-6	µg/L			12	120		120	RSL	c	51-123	20%	30%	10.0	8.00	0.770	
8270D	Pentachlorophenol	87-86-5	µg/L	1	1	0.041	0.41	23	1	WQCC		35-138	20%	30%	50.0	48.0	20.0	
8270D	Phenanthrene	85-01-8	µg/L						170	NMED RAG[6]		59-120	20%	30%	4.00	3.20	1.58	
8270D	Phenol	108-95-2	µg/L		5			5,800	5	WQCC		28-120	20%	30%	10.0	8.00	0.920	
8270D	Pyrene	129-00-0	µg/L					120	120	RSL	nc	57-126	20%	30%	10.0	8.00	0.530	

TABLE 5-1: GROUNDWATER SCREENING LEVELS, DETECTION LIMITS, AND CONTROL LIMITS
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METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3,4]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD CONTROL LIMITS	%RPD (LCS, MSD/MSD)	%RPD (FDUP)	LOQ	LOD	DL	NOTES
8330B	1,3,5-Trinitrobenzene	99-35-4	µg/L					590	590	RSL	nc	73-125	20%	30%	0.210	0.200	0.0841	1,3,5-TNB
8330B	1,3-Dinitrobenzene	99-65-0	µg/L					2	2	RSL	nc	78-120	20%	30%	0.110	0.100	0.0369	1,3-DNB
8330B	2,4,6-Trinitrotoluene	118-96-7	µg/L			2.5	25	9.8	9.8	RSL	nc	71-123	20%	30%	0.110	0.100	0.045	2,4-DNT
8330B	2,4-Dinitrotoluene	121-14-2	µg/L			0.24	2.4	38	2.4	RSL	c	78-120	20%	30%	0.100	0.080	0.0274	2,6-DNT
8330B	2,6-Dinitrotoluene	606-20-2	µg/L			0.049	0.49	5.7	0.49	RSL	c	77-127	20%	30%	0.100	0.080	0.0401	
8330B	2-Amino-4,6-dinitrotoluene	35572-78-2	µg/L					1.9	1.9	RSL	nc	79-120	20%	30%	0.110	0.100	0.0507	2-AM-4,6-DNT
8330B	4-Amino-2,6-dinitrotoluene	19406-51-0	µg/L					1.9	1.9	RSL	nc	76-125	20%	30%	0.150	0.120	0.0577	4-AM-2,6-DNT
8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	µg/L					1,000	1,000	RSL	nc	65-135	20%	30%	0.210	0.200	0.0876	
8330B	m-Nitrotoluene	99-08-01	µg/L					1.7	1.7	RSL	nc	73-125	20%	30%	0.400	0.350	0.195	3-nitrotoluene
8330B	Nitrobenzene	98-95-3	µg/L			0.14	1.4	13	1.4	RSL	c	65-134	20%	30%	0.210	0.200	0.091	Nitrobenzene
8330B	Nitroglycerin	55-63-0	µg/L			4.5	45	2	2	RSL	nc	74-127	20%	30%	2.100	2.000	0.921	
8330B	o-Nitrotoluene	88-72-2	µg/L			0.31	3.1	16	3.1	RSL	c	70-127	20%	30%	0.210	0.200	0.0855	2-nitrotoluene
8330B	Pentaerythritol tetranitrate (PETN)	78-11-5	µg/L			17	170	170	170	RSL	nc	73-127	20%	30%	1.100	1.000	0.447	
8330B	p-Nitrotoluene	99-99-0	µg/L			4.3	43	71	43	RSL	c	71-127	20%	30%	0.410	0.400	0.1	4-nitrotoluene
8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	µg/L			0.97	9.7	80	9.7	RSL	c	68-130	20%	30%	0.210	0.200	0.0515	
8330B	Trinitrophenylmethylnitramine (Tetryl)	479-45-8	µg/L					39	39	RSL	nc	64-128	20%	30%	0.110	0.100	0.0318	
9056A	Nitrate as N	14797-55-8	mg/L	10	10			32	10	WQCC		88-111	15%	30%	0.500	0.200	0.0901	
9056A	Nitrite as N	14797-65-0	mg/L	1	1			2	1	MCL		87-111	15%	30%	0.500	0.100	0.0490	
9056A	Fluoride	16984-48-8	mg/L	4	1.6			0.8	1.6	WQCC		88-112	15%	30%	1.00	0.500	0.165	
9056A	Chloride	16887-00-6	mg/L		250				250	WQCC		87-111	15%	30%	3.00	2.50	1.02	
9056A	Sulfate	14808-79-8	mg/L		600				600	WQCC		87-112	15%	30%	5.00	2.50	1.03	
9056A	Phosphate	14265-44-2	mg/L									90-110	15%	30%	0.0500	0.0400	0.0182	
9056A	Bromide	24959-67-9	mg/L									91-110	15%	30%	0.500	0.500	0.233	
8081B	4,4-DDD	72-54-8	µg/L			0.032	0.32	1.1	0.32	RSL	c	56-143	30%	30%	0.0500	0.0500	0.00420	
8081B	4,4-DDE	72-55-9	µg/L			0.046	0.46	10	0.46	RSL	c	57-135	30%	30%	0.0500	0.0220	0.00420	
8081B	4,4-DDT	50-29-3	µg/L			0.23	2.3	10	2.3	RSL	c	51-143	30%	30%	0.0500	0.0500	0.0240	
8081B	Aldrin	309-00-2	µg/L			0.00092	0.0092	0.6	0.0092	RSL	c	45-134	30%	30%	0.0500	0.0210	0.00620	
8081B	alpha-BHC	319-84-6	µg/L			0.0072	0.072	97	0.072	RSL	c	54-138	30%	30%	0.0500	0.0290	0.00965	
8081B	alpha-Chlordane	5103-71-9	µg/L	2				3.6	2	MCL		60-129	30%	30%	0.0500	0.0290	0.00880	

TABLE 5-1: GROUNDWATER SCREENING LEVELS, DETECTION LIMITS, AND CONTROL LIMITS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3,4]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD CONTROL LIMITS	%RPD (LCS, MSD/MSD)	%RPD (FDUP)	LOQ	LOD	DL	NOTES
8081B	beta-BHC	319-85-7	µg/L			0.025	0.25		0.25	RSL	c	56-136	30%	30%	0.0500	0.0400	0.00910	
8081B	delta-BHC	319-86-8	µg/L						NS		c	52-142	30%	30%	0.0500	0.0240	0.00780	
8081B	Dieldrin	60-57-1	µg/L			0.0018	0.018	0.38	0.018	RSL	c	60-136	30%	30%	0.0500	0.0160	0.00460	
8081B	Endosulfan I	959-98-8	µg/L					100	100	RSL	nc	62-126	30%	30%	0.0500	0.0220	0.00584	
8081B	Endosulfan II	33213-65-9	µg/L					100	100	RSL	nc	52-135	30%	30%	0.0500	0.0400	0.00660	
8081B	Endosulfan sulfate	1031-07-8	µg/L					110	110	RSL	nc	62-133	30%	30%	0.0500	0.0180	0.00490	
8081B	Endrin	72-20-8	µg/L	2				2.3	2	MCL		60-138	30%	30%	0.0500	0.0240	0.00860	
8081B	Endrin aldehyde *(Surrogate Endrin)*	7421-93-4	µg/L	2				2.3	2	MCL		51-132	30%	30%	0.0500	0.0240	0.00865	
8081B	Endrin ketone *(Surrogate Endrin)*	53494-70-5	µg/L	2				2.3	2	MCL		58-134	30%	30%	0.0500	0.0350	0.01300	
8081B	gamma-BHC (Lindane)	58-89-9	µg/L	0.2		0.042	0.42	3.6	0.2	MCL		59-134	30%	30%	0.0500	0.0310	0.0103	
8081B	gamma-Chlordane	5103-74-2	µg/L	2				10	2	MCL		56-136	30%	30%	0.0500	0.0300	0.00715	
8081B	Heptachlor	76-44-8	µg/L	0.4		0.0014	0.014	0.26	0.4	MCL		54-130	30%	30%	0.0500	0.0500	0.0100	
8081B	Heptachlor epoxide	1024-57-3	µg/L	0.2		0.0014	0.014	0.12	0.2	MCL		61-133	30%	30%	0.0500	0.0360	0.00320	
8081B	Methoxychlor	72-43-5	µg/L	40				37	40	MCL		54-145	30%	30%	0.100	0.0360	0.0140	
8081B	Toxaphene	8001-35-2	µg/L	3		0.071	0.71	1.8	3	MCL		33-134	30%	30%	3.000	3.0000	1.5000	
8082	PCBs, Total	1336-36-3	µg/L	0.5	0.5				0.5	WQCC			30%	30%				
8082	PCB-1016	12674-11-2	µg/L			0.22	2.2	1.4	1.4	RSL	nc	46 - 129	30%	30%	1.00	0.600	0.170	
8082	PCB-1221	11104-28-2	µg/L			0.0047	0.047		0.047	RSL	c		30%	30%	1.00	0.256	0.180	
8082	PCB-1232	11141-16-5	µg/L			0.0047	0.047		0.047	RSL	c		30%	30%	1.00	0.304	0.130	
8082	PCB-1242	53469-21-9	µg/L			0.0078	0.078		0.078	RSL	c		30%	30%	1.00	0.304	0.104	
8082	PCB-1248	12672-29-6	µg/L			0.0078	0.078		0.078	RSL	c		30%	30%	1.00	0.600	0.170	
8082	PCB-1254	11097-69-1	µg/L			0.0078	0.078	0.4	0.078	RSL	c		30%	30%	1.00	0.256	0.140	
8082	PCB-1260	11096-82-5	µg/L			0.0078	0.078		0.078	RSL	c	45 - 134	30%	30%	1.00	0.304	0.0890	
8321B	2,4-D	94-75-7	µg/L	70				170	70	MCL		70 - 130	20%	30%	5.00	4.00	1.58	
8321B	2,4-DB	94-82-6	µg/L						NS			70 - 130	20%	30%	6.00	4.00	2.99	
8321B	2,4,5-T	93-76-5	µg/L					160	160	RSL	nc	70 - 130	20%	30%	5.00	4.00	1.45	
8321B	2,4,5-TP (Silvex)	93-72-1	µg/L	50				110	50	MCL		70 - 130	20%	30%	5.00	2.00	0.970	

TABLE 5-1: GROUNDWATER SCREENING LEVELS, DETECTION LIMITS, AND CONTROL LIMITS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	May 2024 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	May 2024 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	May 2024 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3,4]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD CONTROL LIMITS	%RPD (LCS, MSD/MSD)	%RPD (FDUP)	LOQ	LOD	DL	NOTES
8321B	Dicamba	1918-00-9	µg/L					570	570	RSL	nc	70 - 130	20%	30%	5.00	4.00	0.849	
8321B	Dichloroprop	120-36-5	µg/L						NS			70 - 130	20%	30%	5.00	4.00	1.64	
8321B	Dinoseb	88-85-7	µg/L	7				15	7	MCL		70 - 130	20%	30%	5.00	1.00	0.225	
8321B	MCPA	94-74-6	µg/L					7.5	7.5	RSL	nc	70 - 130	20%	30%	5.00	4.00	0.642	

NOTES:

[1] U.S. Environmental Protection Agency (EPA), Drinking Water Primary Maximum Contaminant Level (MCL) per 40 Code of Federal Regulations Sections 141 and 143.

[2] New Mexico Water Quality Control Commission (NM WQCC) standards per 20 New Mexico Administrative Code § 6.2.4103.

[3] Final selected screening level was based on the lowest of the NM WQCC and the EPA R6 SSL MCL. If none, then EPA RSL Tap Water was selected. If the analyte does not have a published NM WQCC or MCL but has RSLs listed for both carcinogenic risks and non-carcinogenic hazards, the lower value between the adjusted carcinogenic RSL (target excess cancer risk level of 1 x 10-5) and the non-carcinogenic RSL (with a target hazard index of 1.0) is selected.

[4] Target analytes may exceed the screening level objective for one method but meet the screening level objective for another. For example, nitrobenzene by SW8270D exceeds but passes objectives by SW8330B. Both methods will be used, and both methods will report the target.

[5] Screening level based on New Mexico Environment Department (NMED) Risk Assessment Guidance for Site Investigations and Remediation, Vol 1, Feb 2019 (Revision 2, 6-19-19).

[6] Analyte is considered an essential nutrient and risk in groundwater is not evaluated.

[7] Blue highlighted cell indicates that the LOQ or LOD is greater than the SL for the listed analyte.

ABBREVIATIONS and ACRONYMS:

c = carcinogenic risk endpoint
CAS = Chemical Abstract Service registry number
DL = Detection Limit
µg/L = micrograms per liter
FDUP = field duplicate
LCS = laboratory control sample
LOD = Limit of Detection
LOQ = Limit of Quantitation
MCL = U.S. Environmental Protection Agency Maximum Contaminant Level (Primary or Secondary)
MS/MSD = matrix spike/matrix spike duplicate
mg/L = milligrams per liter
nc = non-carcinogenic risk endpoint
NA = not applicable (essential nutrients and laboratory surrogates)
NMED RAG = New Mexico Environment Department Risk Assessment Guidance
NS = no standard
RPD = relative percent difference
RSL = U.S. Environmental Protection Agency Regional Screening Level - Tap water screening level with cancer risk adjusted to $1x10^{-5}$
SL = Screening Level
WQCC = New Mexico Water Quality Control Commission Standard

TABLE 5-2: NORTHERN AREA GROUNDWATER SAMPLING MATRIX

2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN

Fort Wingate Depot Activity, New Mexico

Well ID	PROPOSED ANALYTICAL PROGRAM												Notes for Changes
	TCL VOC	Total Explosives	Major Anions	TAL Total Metals	TAL Dissolved Metals	Perchlorate	TCL SVOC *	TPH GRO	TPH DRO	PCB **	TCL Pesticides**	Herbicides**	
	8260C	8330B/8332	9056A	6020A	6020A	6850	8270D	8015D	8015D	8082A	8081B	8151A	
Alluvial Monitoring Wells													
BGMW01	x		x	x	x	x							
BGMW02	x		x	x	x	x							
BGMW03	x		x	x	x	x							
BGMW11	x	x	x	x	x	x	x	x	x				
BGMW12	x	x	x	x	x	x	x	x	x				
BGMW13S	x	x	x	x	x	x	x	x	x				
BGMW13D	x	x	x	x	x	x	x	x	x				
FW31	x		x	x	x								
FW35 ***	x	x	x	x	x		x						Well is typically dry, abandonment is planned.
MW01	x		x	x	x		x	x	x				
MW02	x		x	x	x		x	x	x				
MW03	x		x	x	x			x	x				
MW18S ***	x			x	x								Well is typically dry, abandonment is planned.
MW18D	x		x	x	x			x	x				
MW20	x		x	x	x	x	x	x	x				
MW22S ***	x	x	x	x	x	x	x	x	x		x		Well is typically dry, abandonment is planned.
MW22D	x		x	x	x	x	x	x	x				
MW23 ***	x			x	x	x							
MW24	x			x	x								
MW25	x	x	x	x	x	x	x	x	x				
MW26	x	x	x	x	x	x	x	x	x				
MW27	x	x	x	x	x	x	x	x	x				
MW28	x	x	x	x	x	x	x	x	x				
MW29	x	x	x	x	x	x	x	x	x				
MW30	x	x	x	x	x	x	x	x	x				
MW31	x	x	x	x	x	x	x	x	x				
MW32	x	x	x	x	x	x	x	x	x				
MW33	x	x	x	x	x	x	x	x	x				
MW34	x	x	x	x	x	x	x	x	x				

TABLE 5-2: NORTHERN AREA GROUNDWATER SAMPLING MATRIX

2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN

Fort Wingate Depot Activity, New Mexico

Well ID	PROPOSED ANALYTICAL PROGRAM												Notes for Changes
	TCL VOC	Total Explosives	Major Anions	TAL Total Metals	TAL Dissolved Metals	Perchlorate	TCL SVOC *	TPH GRO	TPH DRO	PCB **	TCL Pesticides**	Herbicides**	
	8260C	8330B/8332	9056A	6020A	6020A	6850	8270D	8015D	8015D	8082A	8081B	8151A	
MW35	x	x	x	x	x	x	x	x	x				
MW36S ***	x	x	x	x	x	x	x	x	x				
MW36D ***	x	x	x	x	x	x	x	x	x				
MW37	x	x	x	x	x	x	x	x	x				
MW38	x	x	x	x	x	x	x	x	x				
MW39	x	x	x	x	x	x	x	x	x				
SMW01	x		x	x	x								
TMW01	x	x	x	x	x	x							
TMW02	x	x	x	x	x	x	x						
TMW03	x	x	x	x	x	x	x						
TMW04	x	x	x	x	x	x	x						
TMW06	x	x	x	x	x		x	x	x				
TMW07	x		x	x	x		x	x	x				
TMW08	x		x	x	x			x	x				
TMW10	x		x	x	x			x	x				
TMW11	x	x	x	x	x	x	x						Well is typically dry.
TMW13	x		x	x	x	x							
TMW15	x		x	x	x	x							
TMW21	x	x	x	x	x	x		x	x				
TMW22	x	x	x	x	x								
TMW23	x	x	x	x	x		x						
TMW24	x		x	x	x								
TMW25	x		x	x	x								
TMW26	x		x	x	x								
TMW27	x			x	x								
TMW28	x		x	x	x								
TMW29	x	x	x	x	x	x							
TMW31S	x	x	x	x	x	x							
TMW33	x		x	x	x		x	x	x				
TMW34	x		x	x	x	x	x	x	x				

TABLE 5-2: NORTHERN AREA GROUNDWATER SAMPLING MATRIX

2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN

Fort Wingate Depot Activity, New Mexico

Well ID	PROPOSED ANALYTICAL PROGRAM												Notes for Changes
	TCL VOC	Total Explosives	Major Anions	TAL Total Metals	TAL Dissolved Metals	Perchlorate	TCL SVOC *	TPH GRO	TPH DRO	PCB **	TCL Pesticides**	Herbicides**	
	8260C	8330B/8332	9056A	6020A	6020A	6850	8270D	8015D	8015D	8082A	8081B	8151A	
TMW35	x		x	x	x	x	x	x	x				
TMW39S	x		x	x	x	x	x						
TMW40S	x	x	x	x	x	x	x						Well is typically dry.
TMW41	x	x	x	x	x	x	x						
TMW43	x	x	x	x	x	x	x						
TMW44	x		x	x	x	x	x						
TMW45	x		x	x	x		x						
TMW46	x		x	x	x	x	x	x	x				
TMW47	x	x	x	x	x	x	x						
TMW54	x	x	x	x	x	x	x	x	x	x	x	x	Well is typically dry.
TMW56	x	x	x	x	x	x	x	x	x	x	x	x	
TMW57	x	x	x	x	x	x	x	x	x				
TMW59	x	x	x	x	x	x	x	x	x				
TMW60	x	x	x	x	x	x	x	x	x	x	x	x	Well is typically dry.
TMW61	x	x	x	x	x	x	x	x	x				
TMW62	x	x	x	x	x	x	x	x	x				
Bedrock Monitoring Wells													
BGMW07	x	x	x	x	x	x	x						Because there are no pesticide, herbicide, or PCB detections in the last four sampling events, these analyses are proposed for removal.
BGMW08	***Do not purge or sample***												
BGMW09	x	x	x	x	x	x	x						Because there are no pesticide, herbicide, or PCB detections in the last four sampling events, these analyses are proposed for removal.
BGMW10	x	x	x	x	x	x	x						Because there are pesticide or PCB detections in the last four sampling events, these analyses are proposed for removal.
TMW14A	x			x	x	x	x						
TMW16	x			x	x		x						
TMW17	x		x	x	x	x							
TMW18	x		x	x	x								
TMW19	x			x	x								
TMW30	x	x	x	x	x	x	x						
TMW31D	x	x	x	x	x	x							
TMW32	x	x	x	x	x	x							
TMW36	x	x	x	x	x	x							

TABLE 5-2: NORTHERN AREA GROUNDWATER SAMPLING MATRIX

2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN

Fort Wingate Depot Activity, New Mexico

Well ID	PROPOSED ANALYTICAL PROGRAM												Notes for Changes
	TCL VOC	Total Explosives	Major Anions	TAL Total Metals	TAL Dissolved Metals	Perchlorate	TCL SVOC *	TPH GRO	TPH DRO	PCB **	TCL Pesticides**	Herbicides**	
	8260C	8330B/8332	9056A	6020A	6020A	6850	8270D	8015D	8015D	8082A	8081B	8151A	
TMW37	x		x	x	x	x							
TMW38	x	x	x	x	x	x	x						
TMW39D	x	x	x	x	x	x							
TMW40D	x	x	x	x	x	x							
TMW48	x	x	x	x	x	x							
TMW49	x	x	x	x	x	x	x						
TMW50	x	x	x	x	x	x	x	x	x				
TMW51	x	x	x	x	x	x	x	x	x				
TMW52	x	x	x	x	x	x	x	x	x				
TMW53	x	x	x	x	x	x	x	x	x				
TMW55	x	x	x	x	x	x	x	x	x				
TMW58	x	x	x	x	x	x	x	x	x				
TMW63	x	x	x	x	x	x	x	x	x				
TMW64	x	x	x	x	x	x	x	x	x				

ABBREVIATIONS and ACRONYMS:

DRO = diesel range organics.

GRO = gasoline range organics.

ID = identification.

SVOC = semi-volatile organic compound.

TAL = total analyte list.

TCL = target compound list.

TPH = total petroleum hydrocarbons.

VOC = volatile organic compound.

x = sample is analyzed for the specified method.

Major anions analysis includes nitrate, nitrite, chloride, fluoride, sulfate, phosphate, and bromide.

* Any well with a detection of an explosive or TPH-DRO will be analyzed for SVOCs in the subsequent sampling event.

** Analysis for these analytical groups will cease if four (4) consecutive events of non-detect or detections are below screening levels.

*** Wells FW35, MW18S, MW22S, MW23, MW36S, and MW36D will be sampled during the April 2025 sampling event but will be abandoned before the October 2025 sampling event.

APPENDIX A

Response to NMED Comments on the 2024 Groundwater Monitoring Plan

DEPARTMENT OF THE ARMY
OFFICE OF THE DEPUTY CHIEF OF STAFF, G-9
600 ARMY PENTAGON
WASHINGTON, DC 20310-0600

April 30, 2024

Army Environmental Division - BRAC Operations Branch

Mr. Ricardo Maestas
Chief, Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

RE: Disapproval, 2024 Interim Northern Area Groundwater Monitoring Plan, Fort Wingate Depot Activity, McKinley County, New Mexico. EPA# NM6213820974, HWB-FWDA-24-001

Dear Mr. Maestas:

This letter provides responses to the comments issued in the Notice of Disapproval (NOD) letter from the New Mexico Environment Department (NMED) dated March 19, 2024, for the 2024 Interim Northern Area Groundwater Monitoring Plan. In addition to the comment responses provided in this letter, two (2) hard copies and two (2) electronic (CD) copies of the above-mentioned document are enclosed for your review and consideration. The electronic transmittal includes a redline-strikeout version of the above-mentioned report showing where all revisions were made.

In addition, the Army is providing responses to the comments contained in NMED's July 19, 2022, NOD letter for the 2023 Interim Northern Area Groundwater Monitoring Plan as an attachment to this letter.

General Comments:

1. Withdraw of the 2023 Plan

NMED Comment: NMED received the Permittee's *Response to Disapproval, 2023 Interim Northern Area Groundwater Monitoring Plan* (Response), dated August 31, 2022. Subsequently, the Permittee submitted the *Withdraw Request for Final 2023 Interim Northern Area Groundwater Monitoring Plan, Revision 1* (Withdraw Request) on November 10, 2023; then, NMED approved the Withdraw Request on November 27, 2023. Since the Withdraw Request was submitted and approved, the Response was no longer subject to NMED's review, and all of the comments contained in the July 19, 2022, *Disapproval 2023 Interim Northern Area Groundwater Monitoring Plan* (Disapproval) were redirected to the *2024 Interim Northern Area Groundwater Monitoring Plan* (2024 Plan), where applicable. During the review of the 2024 Plan, NMED found that the comments contained in the July 19, 2022, Disapproval did not appear to be clearly addressed. In order to verify whether or not the comments were addressed in the 2024 Plan, submit a response letter that identifies the sections, tables, and/or figures of the 2024 Plan where each comment contained in the July 19, 2022, Disapproval was addressed. If some of the comments are no longer relevant to the 2024 Plan or have already been addressed previously, explain why they are no longer relevant to the 2024 Plan or how they were previously addressed in the response letter.

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Permittee Response: Concur. This response letter contains, as an attachment, responses to the comments contained in the July 19, 2022, *Disapproval 2023 Interim Northern Area Groundwater Monitoring Plan*. Please see the enclosed attachment.

The 2024 Interim Northern Area Groundwater Monitoring Plan (2024 GWMP) was not changed as a result of this comment.

2. Objectives of the Plan

NMED Comment: Permit Section V.A.4 states, "[t]he Permittee shall revise and update the Interim Plan annually to propose changes to the monitoring plan (e.g., to include monitoring wells installed pursuant to Sections VI and VII; to remove wells not providing valid data; to evaluate new off-site wells that have the potential to be impacted; to make any other appropriate changes)." Since the objective of the Interim Groundwater Monitoring Plan generally pertains to the changes to the groundwater monitoring plan for an upcoming year, it is critical for NMED to review, provide comments, as necessary, and approve such changes, as appropriate, in a timely manner so that the Permittee can implement updated groundwater monitoring activities with NMED approval prior to the initial groundwater monitoring/sampling event (i.e., April) and the rest of the year. However, the Plan contains a) 74 pages of text with unnecessary details, 14 pages of figures, 95 pages of tables, and appendices A, B, and C. While NMED agrees that some information contained in the Plan is essential to support its purpose, the Plan should be more simplified and narrowly focus on its purpose to receive a timely approval from NMED. For example, the Plan includes a lengthy discussion of previous investigations (i.e., Section 2.2 and the subsections). It is unclear why and how such discussion is pertinent to the Plan; the discussion regarding previous investigations must be reduced in the future, as appropriate. The structure of all future plans must be modified to focus on its purpose. Also, refer to Comments 1 and 3 of July 19, 2022, Disapproval. Although no revision is required to the Plan, acknowledge this provision in the response letter.

Permittee Response: Concur. Future GWMPs will be significantly simplified. Please see the initial proposed reductions in Section 2.2.

SPECIFIC COMMENTS:

3. Section 2.2, Previous Investigations, lines 10-11, page 25

Permittee Statement: "Results from previous investigations are briefly discussed for each report in the following subsections."

NMED Comment: Subsections of Section 2.2 (i.e., Sections 2.2.1 through 2.2.24) provide a summary of previous investigations. NMED did not verify accuracy of the description contained in Sections 2.2.1 through 2.2.24. The purpose of the Plan, as described in the Permit Section V.A.4 and Section 1.3 of the Plan, does not pertain to the details of previous investigations; therefore, NMED is neither required to verify the accuracy nor provide comments regarding the description of previous investigations. Approval of the Plan does not constitute agreement with the description contained in Sections 2.2.1 through 2.2.24. Although no Revision is required to the Plan, address this comment in the future plans.

Permittee Response: Concur. See response to Comment No. 2 above.

4. Section 2.3, Semiannual RCRA Groundwater Monitoring Reports and Updated Groundwater Monitoring Plans - Ongoing, lines 26-28, page 30

Permittee Statement: " The Interim Facility-wide GWMP is updated annually and the Northern Area GWMP is submitted as a stand-alone document per NMED request dated October 22, 2018, (NMED, 2018a)."

NMED Comment: An annual update of the Interim Facility-wide Groundwater Monitoring Plan is also required by the Permit Section V.A.4. Correct the statement for accuracy or provide a clarification in the revised Plan.

Permittee Response: Concur. Clarification was made as requested to specify the RCRA permit requirement. The referenced statement was revised to read as follows:

"*The Interim GWMP is updated annually per RCRA Permit Section V.A.4 and per NMED letter dated October 22, 2018 (NMED, 2018a).*"

5. Section 3.4.3, Hydrogeology, lines 4-5, page 35

Permittee Statement: "Currently, Well 69 (screened in the San Andres-Glorieta aquifer) produces groundwater continuously; and it may be used for non-potable purposes occasionally."

NMED Comment: The Permittee submitted the January 2024 *Field Summary Report Abandon and Plug Artesian Wells #68 and #69*, which describes the abandonment activities at Wells 68 and 69. Section 3.4.4, *Northern Area Alluvial Groundwater System* also states that Well 69 was abandoned in 2023. The statement does not appear to describe the current status of Well 69. Revise the statement for accuracy, as appropriate.

Permittee Response: Concur. The 3rd sentence in the 2nd paragraph of Section 3.4.3 was revised to read as follows:

"*Well, 69 was screened in the San Andres-Glorieta aquifer and produced groundwater until it was abandoned in October 2023 (Army, 2024).*"

The citation for the January 2024 Field Summary Report Abandon and Plug Artesian Wells #68 and #69 was added to the reference section.

6. Section 3.4.5, Northern Area Bedrock Groundwater System, lines 1-3, page 37

Permittee Statement: "A third water-bearing sandstone unit is assumed since groundwater from well BGMW08 was measured at 100-feet lower than those of other bedrock wells."

NMED Comment: The Permittee's December 22, 2023, *Final Groundwater Periodic Monitoring Report, January through June 2022* (Report) states, "Appendix G in the July to December 2020 PMR shows the well [BGMW08] is still recharging (water elevation increasing) in the six months between sampling events." The statement indicates that the groundwater elevation reported for well BGMW08 has not reached equilibrium. It is necessary to evaluate the equilibrated groundwater elevation in well BGMW08. In the response letter, propose to investigate the equilibrated groundwater elevation in well BGMW08; continue gauging groundwater elevations in well BGMW08, and halt

purging/sampling until the investigation is complete. Include this provision in the revised Plan.

Permittee Response: Concur. The Army has ceased purging and sampling of well BGMW08 as of the April 2024 sampling event. The 2024 GWMP was revised throughout to reflect this change, including Sections 3.4.5 and 7.0 and Table 5-2.

7. Section 3.4.5, Northern Area Bedrock Groundwater System, lines 6-9, page 37

Permittee Statement: "A comprehensive survey was performed in October 2019 for all the Northern Area groundwater network monitoring wells by DePauli Engineering and Surveying LLC using the New Mexico State Plane West, Zone Grid North American Datum of 1983 (NAD 83). In general, most wells measured 0.7- to 1.1-foot higher with the new survey without changing any flow patterns."

NMED Comment: According to Table 3-1, *Northern Area Water-level Measurements by Groundwater Zone*, the updated well TOC elevations for applicable wells are recorded in July 2019. It appears that the survey was performed before October 2019. Correct the statement for accuracy in the revised Plan, as appropriate.

Permittee Response: Concur. Table 3-1 was corrected to indicate the new survey data was collected in October 2019.

8. Section 3.5, Nature and Extent of Groundwater Contamination, lines 12-20, page 37

Permittee Statement: "Nitrate, perchlorate, explosives, one VOC, and metals are consistently detected in groundwater samples at concentrations above the screening levels. Thirteen groundwater contaminant plumes have been identified: two nitrate plumes, one in the alluvial aquifer and one in the bedrock aquifer; one explosives plume in the alluvial aquifer; two perchlorate plumes, one in the alluvial aquifer and one in the bedrock aquifer; one VOC plume for 1,2-DCA in the alluvial aquifer; two TPH-DRO plumes, one in the alluvial aquifer and one in the bedrock aquifer; one TPH-GRO plume in the alluvial aquifer; two chloride plumes, one in the alluvial aquifer and one in the bedrock aquifer; and two sulfate plumes, one in the alluvial aquifer and one in the bedrock aquifer (Eco, 2023)."

NMED Comment: The first sentence states that nitrate, perchlorate, explosives, one volatile organic compound (VOC), and metals are consistently detected; however, the latter sentences state that nitrate, explosives, perchlorate, one VOC, TPH-DRO, TPH-GRO, chloride and sulfate plumes are identified. The analytes mentioned in these two statements are not consistent and need clarification or correction. Resolve the discrepancy in the revised Plan.

Permittee Response: Concur. The referenced sentences were revised to read as follows:

"*Anions, explosives, perchlorate, one VOC, TPH-DRO, TPH-GRO, and metals are consistently detected in groundwater samples at concentrations above the screening levels. Nine groundwater contaminant plumes have been identified: two nitrate plumes, one in the alluvial aquifer and one in the bedrock aquifer; one explosives plume in the alluvial aquifer; two perchlorate plumes, one in the alluvial aquifer and one in the bedrock aquifer; one VOC plume (1,2-DCA) in the alluvial aquifer; two TPH-DRO plumes, one in the alluvial*

aquifer and one in the bedrock aquifer; and one TPH-GRO plume in the alluvial aquifer (Eco, 2023)."

9. Section 3.5, Nature and Extent of Groundwater Contamination, lines 20-23, page 37

Permittee Statement: "While metals are consistently detected in groundwater samples at concentrations above the screening levels, background groundwater concentrations have not been accepted for FWDA and it cannot be demonstrated whether the detected concentrations are a result of natural conditions or anthropogenic sources."

NMED Comment: Background groundwater concentrations for anions and metals have not been established at the site; thus, it is unknown if the detected concentrations resulted from background or anthropogenic sources (refer also to Comment 5 of the July 19, 2022, Disapproval). Anions (i.e., chloride and sulfate) are identified as plumes in the Plan, but metals are not. If the exceedances of the anion concentrations are identified as plumes, the exceedances of the metal concentrations must also be identified as plumes for consistency. Revise the Plan accordingly.

Permittee Response: Concur. Major anions other than nitrate are not identified as plumes in the revised 2024 GWMP, consistent with the presentation of metals.

In addition, the referenced sentence was revised as follows to add anions:

"*While metals and anions are consistently detected in groundwater samples at concentrations above the screening levels, background groundwater concentrations have not been established for FWDA and it is unknown whether detected concentrations are a result of natural conditions or anthropogenic sources. Therefore, metal and anion (other than nitrate) concentrations have not been mapped as contaminant plumes.*"

10. Section 3.5, Nature and Extent of Groundwater Contamination, lines 25-31, page 37

Permittee Statement: "Figure 3-1 and Figure 3-2 present the alluvial and bedrock groundwater elevations generated from the April 2022 water-level measurement event. Plume boundaries defined by iso-concentration contours at the contaminant screening-level concentration were generated from the April 2022 monitoring event. Northern Area alluvial contaminant plumes for select contaminant concentrations that can be contoured are provided in Figures 3-3 through 3-10; and Figures 3-11 through 3-13 cover the Northern Area bedrock groundwater contaminant plumes. Analytical results corresponding to the contaminant plumes are presented in Appendix B."

NMED Comment: The changes to the monitoring plan must be evaluated based on the data collected from the most recent monitoring event that is available to the Permittee at the time the Plan is prepared. The Plan pertains to the forthcoming monitoring events; therefore, it is essential to evaluate the most recent data to propose any changes to the monitoring plan. No revision is required to the Plan.

Permittee Response: Concur. Future submittals of the Interim GWMP will utilize the latest available data.

The 2024 GWMP was not changed as a result of this comment.

11. Section 3.5, Nature and Extent of Groundwater Contamination, lines 3-5, page 38

Permittee Statement: "The explosives plume in bedrock appears to have the same potential source areas as nitrate and metals, which originate near the TNT Leaching Beds (SWMU 1) and Building 528 Complex (SWMU 27) (Figure 3-11)."

NMED Comment: According to Figure 3-11, *Groundwater Monitoring Bedrock Wells - Nitrate, Explosives, Metals*, the nitrate plume is depicted south (i.e., upgradient) of the TNT Leaching Beds; however, the explosive plume is not depicted. NMED is not aware of the presence of the explosives plume in the bedrock aquifer. Verify the accuracy of the statement and correct the statement in the revised Plan, as appropriate. Also revise Figure 3-11 to depict the explosive plume in the revised Plan, as appropriate.

Permittee Response: Concur. The inaccurate statement was removed from the 2024 GWMP as there is no explosives plume in the bedrock groundwater.

12. Section 4.1, Scope of Activities, lines 5-6 and 11-13, page 41, and Section 4.3, Groundwater Sampling, lines 15-18, page 42

Permittee Statement: "The different types of sampling and purging methods described in this section are identified in Table 4-1." and, "Low-flow purging and sampling is the preferred sampling method at FWDA. In addition, borehole purging is proposed at wells with poor recovery as is consistent with previously approved monitoring plans." and "Monitoring well sampling at FWDA involves a variety of purging and sampling methods, as shown in Table 4-1. Wells are sampled either with dedicated low-flow pumps (i.e., BESST and Zone Isolation Sampling Technology [ZIST]), high-volume dedicated pumps (Bennett), portable submersible pump, or hand bail."

NMED Comment: According to Table 4-1, *Northern Area Groundwater Purge Method*, traditional low flow, submersible pump, hand bail, ZIST low flow, Bennett pump, and reclamation pump have been proposed to purge wells. However, the purging/sampling methods described in the text and Table 4-1 are not consistent. Resolve the discrepancy or provide a clarification in the revised Plan. In addition, it is unclear how and why wells were purged with the various purging/sampling methods listed in Table 4-1. Determine the suitability for the low-flow method for each well and provide a justification for those wells where purging/sampling was conducted by other methods in the revised Plan. Furthermore, Comment 12 of the July 19, 2022 Disapproval, which pertains to low-flow method, was not addressed in the 2024 Plan. Although the comment was addressed in the Response, the Response is no longer subject to NMED's review (see Comment 1 above). Therefore, the July 19, 2022 Disapproval Comment 12 must be addressed in the revised 2024 Plan.

Permittee Response: Concur. The third paragraph of Section 4.1 was revised to state:

"*Current wells not sampled via the low-flow method will be evaluated to determine their suitability for the low-flow method based on 2024 purge rates and drawdown. Wells determined to be suitable for low-flow sampling will be proposed for low-flow sampling in future sampling events as appropriate.*"

13. Section 4.1, Scope of Activities, line 14, page 41

Permittee Statement: "Groundwater samples will be analyzed for one or more of the following COPCs."

NMED Comment: Per- and polyfluoroalkyl substances (PFAS) were not included as a Contaminants of Potential Concern (COPCs) in Section 4.1. Although Comment 1 of NMED's August 3, 2021, *Final 2022 Interim Northern Area Groundwater Monitoring Plan Revision 2, Army's Responses to the Approval with Modifications dated March 8, 2021* states, "[p]ropose to conduct PFAS analysis for the groundwater samples collected from the pertinent wells in the next groundwater monitoring plan update," the comment was not addressed or acknowledged in the 2023 Plan. Comment 2 of the July 19, 2022, Disapproval also reminded the Permittee of the provision of PFAS sampling. However, this provision was not addressed or acknowledged in the 2024 Plan. Include PFAS as part of the list of COPCs and propose to collect groundwater samples for PFAS analysis in the revised Plan. Potential PFAS releases to the environment must be investigated under the February 2015 Fort Wingate Depot Activity Resource Conservation and Recovery Act Permit (Permit). PFAS are emerging contaminants of concern that meet the statutory definition for hazardous waste defined in New Mexico Hazardous Waste Act Section 74-4-3.K, Section 1004(5) of the Solid Waste Disposal Act, and Section 6903(5) of the United States Resource Conservation and Recovery Act and are defined as such in the Permit as required by 40 Code of Federal Regulations 270.32(b)(2) for protection of human health and the environment. Failure to follow NMED direction constitutes noncompliance and may result in an enforcement action.

Permittee Response: Comment acknowledged. As an emerging contaminant, federal Department of Defense policy is to conduct PFAS investigations under the CERCLA process (https://www.acq.osd.mil/eie/eer/ecc/pfas/data/cleanup-pfas.html); a decision not at the discretion of the Permittee. The Army recently completed a PFAS Site Inspection (SI) at FWDA that will soon be submitted to NMED. Based on the results of the SI, the Army is initiating a PFAS Remedial Investigation (RI) at FWDA. The Army requests a meeting to discuss NMED's involvement in the upcoming PFAS investigation. The Army respectfully requests that NMED's direction in this comment on PFAS sampling be deferred pending further discussions.

The 2024 GWMP was not changed as a result of this comment.

14. Section 4.3.2, Low-Flow Pump Purging, line 30, page 43, and lines 1-2, page 44

Permittee Statement: "Dedicated pumps are constructed of Delrin™ (acetal homopolymer) plastic, or stainless steel, and the tubing is Teflon™-lined polyethylene. Tubing fittings that contact the sample stream are stainless steel."

NMED Comment: Some materials used for pumps and tubing are not compatible with PFAS sampling (e.g., Teflon™). Ensure that all materials that contact the sample stream are compatible with PFAS and propose to replace all incompatible pumps and tubing for the wells where PFAS sampling is proposed in the revised Plan, as applicable.

Permittee Response: Concur. See the response to Comment No. 13 above.

The 2024 GWMP was not changed as a result of this comment.

15. Section 4.3.2, Low-Flow Pump Purging, line 30, page 43, and lines 1-2, page 44

Permittee Statement: "The ZIST packer system have (sic) not proven to be consistently effective in the long-term, and to not consistently provide an appropriate seal. The Army proposes removal of the ZIST system from TMW14A and TMW17, and sampling in accordance with Section 4.3.4 (see on following page)."

NMED Comment: Section 4.3.4, *Alternative Groundwater Purging and Sampling Procedures* discusses alternative methods (i.e., hand bailing with disposable bailers, a submersible pump, or a dedicated piston pump) of purging and sampling due to extremely low-yield/low-water levels. According to the drawdown data included in the November 2023 *Groundwater Periodic Monitoring Report July through December 2022* (Report), the water level drawdown of wells TMW14A and TMW17 are recorded as 2.49 feet and 0.06 feet, respectively. The drawdown for well TMW14A is greater than 0.3 feet, which indicates that the recharge rate at well TMW14A may be too slow for the use of low-flow purging and sampling; therefore, another method may be applicable. According to the November 2023 Report, the pumping rate for TMW14A is recorded as 150 mL/min. Propose to reduce the pumping rate from 150 mL/min to 100 mL/min and evaluate whether drawdown can be reduced in the revised Plan. If the drawdown still exceeds 0.3 feet after reducing the pumping rate, the use of another purging/sampling method for TMW14A would be appropriate. On the contrary, the water level drawdown for well TMW17 appears to be appropriate (i.e., less than 0.3 feet); therefore, the groundwater samples collected from well TMW17 continue to be representative of the formation water. Continue to conduct purging/sampling at well TMW17 using the ZIST system. Furthermore, propose to conduct biennial inspection for the integrity of the ZIST system in the revised Plan.

Permittee Response: Concur. Section 4.3.2 was revised to propose lowering the flow rate for TMW14A as much as possible until water level stabilization is acquired, but the well isn't expected to sustain low-flow pumping without drawdown, which is why the ZIST was initially installed.

Section 4.3.2 was revised to propose biennial inspection for the integrity of the ZIST system in wells TMW14A and TMW17.

The following was added to the end of Section 4.3.2:

"*Significant drawdown in well TMW14A indicates that the ZIST seal is not functioning. The flow rate for well TMW14A will be lowered as much as possible until water level stabilization is acquired. If water level stabilization is not acquired, an alternative purging and sampling method will be proposed in a subsequent Interim GWMP update. In addition, the Army will perform biennial inspection for the integrity of the ZIST system in wells TMW14A and TMW17.*"

16. Section 4.3.2.1, Traditional Low-Flow and ZIST Low-Flow Dedicated Pumps, Traditional Low-Flow, lines 32-34, page 45

Permittee Statement: "Once water quality readings are stabilized (Step 9), the established water-level drawdown must not be more than 4 inches/0.33 foot from stabilization until the end of sample collection."

NMED Comment: Table 4-1, *Northern Area Groundwater Purge Method*, identifies wells where traditional low-flow purge method has been used. According to the drawdown data included in the November 2023 Report, the water level drawdown exceeds 0.33 feet in wells where traditional low-flow purge method is utilized (e.g., SMW01 and TMW24). Propose to reduce the pumping rate, where applicable, and to evaluate whether the water level drawdown can be reduced less than to the criteria (4 inches/0.33 feet) in the revised Plan. If the drawdown still exceeds the criteria after reducing the pumping rate, the low-flow method would not be considered appropriate. In this case, propose to change the purging/sampling method for the wells in the future plans.

Permittee Response: Concur. According to EPA low-flow sampling guidance (EQASOP-GW4, Revision Number: 4, July 30, 1996; Revised September 19, 2017), during pump start-up, drawdown may exceed the 0.33 feet target and then "recover" somewhat as pump flow adjustments are made. However, continued drawdown greater than 0.33 feet would result in a well not being considered acceptable for low-flow purging and sampling methods.

The following was added to Section 4.3.2.1:

"*In wells where drawdown exceeds 0.33 feet during the water quality parameter stabilization and sampling, the pumping rate will be reduced until the water level drawdown is less than 0.33 feet. If water level drawdown cannot be reduced to 0.33 feet then the well will no longer be considered appropriate for low-flow purging and sampling and a new purging/sampling method will be proposed in the subsequent Interim GWMP.*"

17. Section 4.3.2.1, Traditional Low-Flow and ZIST Low-Flow Dedicated Pumps, Traditional Low-Flow, lines 35-37, page 45

Permittee Statement: "If stabilization of water quality readings is not reached within 1 hour, and at least eight water-quality readings have been collected, samples will be collected from the well at this time."

NMED Comment: This sampling criterion is not described in the NMED's October 2001 *Position Paper Use of Low-Flow and Other Non-Traditional Sampling Techniques for RCRA Compliant Groundwater Monitoring*, and the Permittee did not provide a reference for this condition. Provide a reference or justify the acceptability of the groundwater samples where stabilization is not achieved in the revised Plan.

Permittee Response: Concur. According to EPA low-flow sampling guidance (EQASOP-GW4, Revision Number: 4, July 30, 1996; Revised September 19, 2017), if after 2 hours of purging, indicator field parameters have not stabilized, samplers may discontinue purging and collect samples.

The referenced sentence was revised to read as follows:

"*If stabilization of water quality readings is not reached within 2 hours, samples will be collected from the well at this time (EPA, 2017).*"

Citation to the EPA Guidance was added to the reference section.

18. Section 4.3.3, Groundwater Sample Collection by Low-Flow Pump, lines 10-12, page 46

Permittee Statement: "Continue to monitor DTW to assure that the water level does not decrease more than 0.33 foot (4-inches) from the established pumping level during sampling (not for ZIST-equipped wells)."

NMED Comment: The ZIST system is a modified low-flow purge method. It is not clear why the water level drawdown criterion of 0.33 foot does not apply to the ZIST system. Provide an explanation in the response letter.

Permittee Response: Concur. Depth to water will be monitored in all wells that are sampled using the low-flow purge method. The phrase "*…(not for ZIST-equipped wells)*" has been removed from the 2024 GWMP. The Army notes that the ZIST system functions by isolating the screen interval, and the water level above the seal should not change.

19. Section 4.3.4, Alternative Groundwater Purging and Sampling Procedures, lines 5-8, page 47

Permittee Statement: "Prior to purging, an additional DO measurement with a downhole probe will be collected on all wells without a dedicated pump. DO is the only parameter that shows a potential affect from pumping the water through a flow-through cell by possible introduction of air into the system."

NMED Comment: It is unclear why a dedicated pump cannot be pulled out from wells and a down hole probe is used to measure dissolved oxygen (DO) concentrations. Explain why a dedicated pump cannot be pulled out or propose to use a downhole probe for DO measurements for all wells, where applicable, in the revised Plan.

Permittee Response: Concur. As described in the NMED HWB Position Paper on Low-Flow Sampling, equipment should be installed in the well a minimum of 12 hours prior to the purging and sampling event to allow the equipment to equilibrate with well conditions. The Army considers that removing dedicated pumps, which are equilibrated with well conditions, has the potential to affect the groundwater samples. Removal of pump and tubing assembly will cause significant disturbance to the water column within the well and may have impacts to data quality. In addition, removing and reinstalling pumps will co-mingle stagnant oxygenated water above the pump with water drawn laterally from the formation. Collection of the downhole DO readings from wells with dedicated pumps present an increased risk of affecting the groundwater samples.

The 2024 GWMP was not changed as a result of this comment.

20. Section 4.4.3, Sample Shipping, lines 18-20, page 51

Permittee Statement: "Samples will be transported to Eurofins Environment Testing (Eurofins) located at 4955 Yarrow Street in Arvada, Colorado for analytical testing. If requested by USACE, a second laboratory (chosen by USACE) will be used to analyze triplicate samples."

NMED Comment: Comment 2a of the NMED's July 19, 2022, Disapproval required the Permittee to propose to split the nitrite samples collected from wells MW27, MW35, and

TMW59 and use two different analytical laboratories to conduct nitrite analysis. If this provision has not previously been addressed, include the provision in the revised Plan.

Permittee Response: Concur. Split samples from wells MW27, MW35, and TMW59 were collected during the April 2023 sampling event and will be discussed in the January through June 2023 PMR.

The 2024 GWMP was not changed as a result of this comment.

21. Section 4.5, Decontamination, lines 1-2, page 52

Permittee Statement: "Scrub the surfaces of the equipment using distilled water and a non-phosphate detergent-cleaning solution and reusable-dedicated decontamination brushes."

NMED Comment: Some cleaning solutions (e.g., Alconox®) are ideal for decontamination. In order to verify if an appropriate cleaning solution was selected, provide the product name of the cleaning solution and MSDS (if the cleaning solution is not Alconox®) that is currently used in the revised Plan.

Permittee Response: Concur. Alconox® is used and was specifically named in the 2024 GWMP. The referenced sentence was revised to read as follows:

"*Scrub the surfaces of the equipment using distilled water and a non-phosphate detergent-cleaning solution (Alconox®) and reusable-dedicated decontamination brushes.*"

22. Section 4. 7 .2, Sample Collection Quality Control and Quality Assurance, lines 30-32, page 53

Permittee Statement: "Due to recurring detections of bis(2-ethylhexyl) phthalate, a plasticizer and a common laboratory and sampling contaminant, the use of materials containing bis(2-ethylhexyl) phthalate will be avoided in the field and laboratory."

NMED Comment: NMED acknowledges the proposed modification regarding the elimination of the use of materials containing bis(2-ethylhexyl) phthalate. In the future groundwater monitoring reports, discuss whether the modification reduced/eliminated the detections of bis(2-ethylhexyl) phthalate. No revision is required to the current Plan.

Permittee Response: Concur. Future PMR submittals will discuss detections of bis(2-ethylhexyl) phthalate, or lack thereof.

The 2024 GWMP was not changed as a result of this comment.

23. Section 5.0, Monitoring and Sampling Program, lines 2-4, page 56

Permittee Statement: "Interim groundwater monitoring and sampling at FWDA allows the Army to track contaminant plume concentrations and migration at previously identified groundwater impact areas while the remedial facility investigation (RFI) and corrective measures study (CMS) are completed."

NMED Comment: In the *List of Abbreviations and Acronyms*, page 14, acronym "RFI" is identified as "Resource Conservation and Recovery Act Facility Investigation". For consistency, the same acronym must not be applied to different meanings (i.e., Resource Conservation and Recovery Act Facility Investigation and remedial facility investigation). Spell out remedial facility investigation to avoid confusion. Revise the Plan accordingly.

Permittee Response: Concur. The referenced sentence was revised to read as follows:

"*Interim groundwater monitoring and sampling at FWDA allows the Army to track contaminant plume concentrations and migration at previously identified groundwater impact areas while the RFI and corrective measures study (CMS) are completed.*"

24. Section 5.1, Interim Groundwater Monitoring Analytical Program, lines 27-28, page 56

Permittee Statement: "Forty-two analytes in Table 5-1 have screening values lower than the laboratory limit of quantitation (LOQ), or limit of detection (LOD); thus, are identified as data quality exceptions."

NMED Comment: According to the December 22, 2023, Report, the limits of detection (LOD)/quantitation (LOQ) values of some analytes listed as data quality exception compounds (e.g., 2,4-dinitrotoluene, 2,6-dinitrotoluene, nitrobenzene, PETN, alpha-BHC) did not exceed the selected screening levels. Although these analytes have been identified as data quality exception compounds at one point, they have not always been identified as such. The distinction may be caused by a difference in dilutions used by the laboratory. The listed forty-two analytes may or may not be data quality exception compounds; therefore, the statement can be misleading. Resolve the issue in the revised Plan. In addition, all laboratory analyses must be conducted by using minimum attainable dilution factors without adversely affecting equipment in order to reduce LOD/LOQ, where applicable. Acknowledge this provision in the revised Plan.

Permittee Response: Comment acknowledged. The 2024 GWMP was revised to remove data quality exceptions, since these are sample-specific and may change for each sampling event. In addition, data quality exceptions are listed in each PMR.

The Army acknowledges that laboratory analyses must be conducted using the minimum attainable dilution factors.

25. Section 5.2, Monitoring Location and Frequency, line 5, page 58

Permittee Statement: "Table 5-2 contains the sampling matrix in accordance with this GWMP."

NMED Comment: Table 5-2, Northern Area Groundwater Sampling Matrix, does not include the provisions required by the NMED's July 19, 2022, Disapproval. Address the following issues:

a) Comment 2b of the NMED's July 19, 2022, Disapproval states, “[t]he Permittee recommended conducting additional groundwater sampling and analysis of herbicides for wells MW36S, BGMW13D, and BGMW07 in the May 6, 2022 letter. However, herbicide analysis was not proposed for wells

MW36S and BGMW13D in the Plan. Propose to conduct herbicide analysis for these wells in the revised Plan." Table 5-2 does not indicate that herbicide analysis is proposed for these wells. Propose to conduct the required analysis or provide an explanation for why the analysis is not proposed in the revised Plan.

b) Comment 2c of the NMED's July 19, 2022, Disapproval states, "[p]ropose to conduct pesticides analysis for the groundwater samples collected from wells TMW40S and TMW52, as required by Comment 53 of the NMED's January 25, 2022 Disapproval." Table 5-2 does not indicate that pesticides analysis is proposed for these wells. Propose to conduct the required analysis or provide an explanation for why the analysis is not proposed in the revised Plan.

c) It is unclear whether or not Comments 2d through i of the NMED's July 19, 2022. Disapproval were addressed in the 2024 Plan. Explain whether or not these comments were addressed in the response letter. Address them in the revised Plan, as applicable

Permittee Response:

a) Concur. Analyses for herbicides in wells MW36S and BGMW13D have been conducted since 2021. Analyses for herbicides in well BGMW07 have been conducted since 2018. As described in Section 7.0 of the 2024 GWMP, the Army proposes to remove analyses for herbicides in wells MW36S, BGMW13D, and BGMW07 based on no detections above screening levels for four or more sampling events.

b) Concur. Analyses for pesticides in well TMW52 have been conducted since 2021. Analyses for pesticides in well TMW40S have been conducted since 2017. Per the NMED April 24, 2024, Approval to Response No. 1 to Disapproval 2024 GWMP, the Army continued analysis for pesticides in TMW40S and TMW52 in the April 2024 sampling event. As described in Section 7.0 of the 2024 GWMP, the Army proposes to remove analyses for pesticides in wells TMW52 and TMW40S based on no detections above screening levels for four or more sampling events.

c) Concur. See the response to Comment No. 1 above and the attached letter with responses to all comments from NMED's July 19, 2022, letter.

The 2024 GWMP was not changed as a result of this comment.

26. Section 5.2.1, Northern Area Alluvial Groundwater Monitoring Design, Perchlorate Plume, lines 23-25, page 58

Permittee Statement: "To monitor plume migration along the downgradient boundary of the plume, TMW03, TMW13, and TMW41 are designated for perchlorate analysis."

NMED Comment: Alluvial well TMW56 is also critically located to delineate the boundary of the perchlorate plume. It is essential to retain a groundwater sample for perchlorate analysis from well TMW56. If the groundwater in well TMW56 is limited after purging, collect a perchlorate sample first or extend the time for groundwater recharge, as

necessary, and document the deviation associated with field sampling procedures in future groundwater periodic monitoring reports. Revise the Plan accordingly.

Permittee Response: Concur. The referenced sentence was revised to read as follows:

"*To monitor plume migration along the downgradient boundary of the plume, TMW03, TMW13, TMW41, and TMW56 are designated for perchlorate analysis.*"

Well TMW56 is proposed for perchlorate analysis in Table 5-2.

27. Section 5.2.1, Northern Area Alluvial Groundwater Monitoring Design, Other Organics Monitoring, lines 9-10, page 59

Permittee Statement: " The GRO releases are monitored by wells MW01, MW02, MW03, MW18D, MW20, MW22D, and TMW33."

NMED Comment: Comment 2h of the NMED's July 19, 2022, Disapproval states, "Comment 27 of the NMED's July 1, 2020, Disapproval states, "[p]ropose to collect groundwater samples from wells TMW06, TMW07, and TMW21 for TPH-GRO analysis." Although it appears that this comment was addressed, the discussion was not included in the Plan." TPH-GRO analysis was required for the groundwater samples collected from wells TMW06, TMW07, and TMW21 in addition to the above-listed wells. Although Table 5-2 indicates that TPH-GRO analysis is proposed for wells TMW06, TMW07, and TMW21, the statement does not include these three wells. Resolve the discrepancy in the revised Plan.

Permittee Response: Concur. The referenced sentence was revised to read as follows:

"*The GRO releases are monitored by wells MW01, MW02, MW03, MW18D, MW20, MW22D, TMW06, TMW07, TMW21, and TMW33.*"

28. Section 5.2.2, Northern Area Bedrock Groundwater Monitoring Design, Perchlorate Plume, lines 28-30, page 59

Permittee Statement: "To monitor the plume boundary wells TMW32, TMW36, TMW38, TMW39D, and TMW40D are designated as downgradient wells. Additional wells were installed in 2019 to further assess the perchlorate plume."

NMED Comment: The discussion in all relevant sections of the Plan must incorporate the new wells installed in 2019. The Plan pertains to year 2024 groundwater monitoring and the content of the Plan must be updated to include the new wells installed in 2019. Revise the Plan accordingly.

Permittee Response: Concur. The referenced sentence was revised to read as follows:

"*To monitor the plume boundary wells TMW32, TMW36, TMW38, TMW39D, TMW40D, TWM43, TMW44, and TMW47 are designated as downgradient wells.*"

29. Section 5.3.2, Analytical Data Quality Requirements, Precision, lines 16-18, page 61

Permittee Statement: “The relative percent difference of field duplicates, laboratory duplicates, and MS/MSD pairs will be calculated and evaluated with the limits included in Table 5-1.”

NMED Comment: Table 5-1 provides the screening level for each analyte. The relative percent difference of field duplicates, laboratory duplicates, and MS/MSD pairs are not relevant to the listed screening levels. Include a table that presents the criteria for relative percent difference of field duplicates, laboratory duplicates, and MS/MSD pairs in the revised Plan.

Permittee Response: Concur. Table 5-1 was revised to include the criteria for relative percent difference of field duplicates, laboratory duplicates, and MS/MSD pairs.

30. Section 5.3.2, Analytical Data Quality Requirements, Accuracy and Bias, lines 20-21, page 61

Permittee Statement: “Accuracy is the degree of agreement between a sample result and a reference value. Bias refers to the systematic inaccuracy associated with a measurement process.”

NMED Comment: PFAS analysis is required for future groundwater sampling events. In order to ensure accuracy and precision of PFAS analytical results, NMED recommends using the isotope dilution quality assurance, which will quantify the lost quantity of analytes through entire laboratory procedures. Include the provision in the revised Plan, as appropriate.

Permittee Response: Comment acknowledged. Please see response to Comment No. 13 above regarding PFAS.

The 2024 GWMP was not changed as a result of this comment.

31. Section 5.3.2, Analytical Data Quality Requirements, Accuracy and Bias, lines 28-30, page 61

Permittee Statement: “The percentage recovery of laboratory control samples and MS samples will be evaluated with the percentage limits in Table 5-1.”

NMED Comment: Table 5-1 provides the screening level for each analyte. The percentage recovery of laboratory control and MS samples is not relevant to the screening level. Include a table that presents the criteria for the percentage recovery of laboratory control and MS samples in the revised Plan.

Permittee Response: Concur. Table 5-1 was revised to include the criteria for the percentage recovery of laboratory control and MS samples.

32. Section 5.3.2, Analytical Data Quality Requirements, Comparability, lines 13-16, page 62

Permittee Statement: "Also, field triplicate samples may be collected if directed by USACE, sent to a different laboratory (to be determined), and results compared to the field results. Data will be considered in disagreement if the difference in values exceeds criteria for relative percent difference listed in Table 5-1."

NMED Comment: Address the following:

a) Comment 2a of the NMED's July 19, 2022, Disapproval states, "[t]he nitrite concentrations in groundwater samples collected from wells MW27, MW35, and [T]MW59 may have been reported inaccurately. Propose to split the nitrite samples collected from the wells and use two different analytical laboratories to conduct nitrite analysis in the revised Plan, as appropriate." Address this comment in the revised Plan.

b) Table 5-1 provides the screening level for each analyte. The relative percent difference will not be evaluated with the screening level. Include an additional table that presents the criteria for relative percent difference in the revised Plan.

Permittee Response:

a) Concur. Split samples from wells MW27, MW35, and TMW59 were collected during the April 2023 sampling event and will be discussed in the January through June 2023 PMR.

   The document was not changed as a result of this comment.

b) Concur. Table 5-1 was revised to include the criteria for relative percent difference.

33. Section 6.0, Schedule, lines 2-3, page 65

Permittee Statement: "The first sample collection under this Interim Northern Area GWMP took place in April 2008 and has continued each April and October to date."

NMED Comment: It is NMED's opinion that it is essential for the Permittee to attain an approval of the plan update before April of each year so that the Permittee can conduct the first sampling event in accordance with the approved plan. However, multiple deficiencies are identified in the Plan, as documented in this letter. An issuance of a disapproval makes it impossible for the Permittee to conduct upcoming groundwater monitoring/sampling events in accordance with the updated plan. In order to expedite NMED's review and attain approval, it is crucial that the contents of the updated plan align with its purpose (see Comment 2 above), and the previous NMED comments relevant to the updated plan are addressed. No revision is required to the Plan.

Permittee Response: Concur. The Army appreciates NMED’s timely review and approval of Response No. 1 to the NOD on the 2024 GWMP and hopes that NMED will also find Response No. 2 to be acceptable. Also, please see response to Comment No. 2 above.

The 2024 GWMP was not changed as a result of this comment.

34. Section 7.0, Sampling Changes from Previous Plan, line 9, page 66

Permittee Statement: "The revised analytical program is listed in Table 5-2."

NMED Comment: Comment 1 of the NMED's July 19, 2022, Disapproval states, "[a]lthough Section 7.0 (Sampling Changes from Previous Plan) briefly discusses proposed changes to the previous monitoring and sampling plan, it lacks detail and the discussion is not sufficient. The Permittee must present all proposed changes to the previous plan and provide the basis for each proposed change requested by the Permittee or required by NMED. Relevant correspondence must be referenced for all proposed changes required by NMED. Comment 32 of the NMED's July 27, 2020, Disapproval also states, "Table 5-2, Northern Area Groundwater Sampling Matrix, and the text of the Plan lack an explanation for the changes made to the Plan (e.g., inclusion or exclusion of new or existing wells and analytical suite). The revised Plan must include a section that summarizes all changes made to the previous sampling matrix. If the change was directed by NMED, provide a reference to the direction. If the change is proposed by the Permittee, provide a basis for the proposed change." This direction was not adequately followed." Disapproval Comment 1 applies to the 2024 Plan. Specific directions for the changes to the Plan were provided by previous NMED letters; however, the directions were not adequately followed or acknowledged. Address all of the comments contained in the NMED's July 19, 2022, Disapproval, where applicable, in the revised Plan.

Permittee Response: Concur. See the response to Comment No. 1 above and the attached letter with responses to all comments from NMED's July 19, 2022, letter.

The 2024 GWMP was not changed as a result of this comment.

35. Section 7.0, Sampling Changes from Previous Plan, lines 22-24, page 66

Permittee Statement: "BGMW11, BGMW12, BGMW13D, BGMW13S: Remove analyses for pesticides, PCBs, and herbicides based on no detections above screening levels for four or more sampling events."

NMED Comment: Comment 2b of the NMED's July 19, 2022 Disapproval states, "[t]he Permittee recommended conducting additional groundwater sampling and analysis of herbicides for wells MW36S, BGMW13D, and BGMW07 in the May 6, 2022 letter. However, herbicide analysis was not proposed for wells MW36S and BGMW13D in the Plan. Propose to conduct herbicide analysis for these wells in the revised Plan." It is unclear whether this comment was already addressed. Address the comment in the revised Plan, as applicable, and state if the comment was addressed in the response letter.

Permittee Response: Concur. See the response to Comment No. 1 above and the responses to all comments from NMED's July 19, 2022 letter. The analysis of herbicides is not proposed for MW36S, BGMW13D, and BGMW07 due to the lack of detections described in Section 7.0.

In addition, see response to Comment No. 25 above regarding herbicide analyses in wells MW36S, BGMW13D, and BGMW07.

36. Section 7.0, Sampling Changes from Previous Plan, lines 16-17 and 33-34, page 66 and lines 1-2, page 67

Permittee Statement: "Wells with detections of explosives or TPH-DRO are proposed to be analyzed for SVOCs in the subsequent sampling event." and, "MW20: Remove analyses for explosives, SVOCs, and pesticides based on no detections above screening levels for four or more sampling events." and, "MW22D: Remove analyses for explosives, SVOCs, and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: The TPH-DRO concentrations in the groundwater samples collected from wells MW20 and MW22D exceeded the applicable screening level in 2021/2022 according to the November 2023 Report. Therefore, the statements contradict one another by proposing to remove SVOCs from the analytical suite. Resolve the discrepancy in the revised Plan. In addition, the 2023 Plan states, "[t]he points of release for the SVOCs in the Northern Area include SWMU 6 (Building 11, former Locomotive Shop) and SWMU 45 (Building 6 Gas Station). There are no groundwater SVOC plumes identified at FWDA; however, wells MW20, MW22D, TMW33, and TMW46 are designated to monitor suspected releases of petroleum fuels at SWMU 6 and known releases of fuels at SWMU 45 (Figure 3-8)." Thus, SVOC analysis must be included for the analytical suite of MW20 and MW22D. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain SVOCs analysis for wells MW20 and MW22D.

37. Section 7.0, Sampling Changes from Previous Plan, lines 9-10, page 67

Permittee Statement: "SMW01: Remove analyses for explosives, major anions, perchlorate, and SVOCs based on no detections above screening levels for four or more sampling events."

NMED Comment: The chloride and sulfate concentrations in the groundwater samples collected from well SMW01 exceeded the applicable screening levels in 2021 and 2022 according to the November 2023 Report. Resolve the discrepancy in the revised Plan. In addition, major anions analysis must be included for the analytical suite of SMW01 due to the exceedances in the revised Plan.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain major anions analysis for well SMW01.

38. Section 7.0, Sampling Changes from Previous Plan, lines 11-12, page 67

Permittee Statement: "TMW01: Remove analysis for explosives based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW01 is located upgradient of the RDX plume and defines the southern boundary of the plume. In addition, the 2023 Plan states, "[t]o monitor suspected [explosive compounds] releases from SWMU 27 (Building 528 Complex), wells TMW01, TMW31S, and TMW41 are designated for explosives analysis even though they are hydraulically upgradient of SWMU 1." Therefore, explosive compound analysis must be included for the analytical suite of TMW01. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain explosives analysis for well TMW01.

39. Section 7.0, Sampling Changes from Previous Plan, lines 13-14, page 67

Permittee Statement: "TMW03, TMW04, TMW06: Remove analysis for SVOCs based on [sic] based on no detections above screening levels for four or more sampling events."

NMED Comment: Wells TMW03 and TMW04 are closely located north of the TNT Leaching Bed. It is possible to detect degradation products of explosive compounds (i.e., SVOCs) in the groundwater samples collected from wells TMW03 and TMW04. Well TMW06 is located within the Administration Area where the TPH-DRO plume has been present. It is possible to detect the constituents of petroleum hydrocarbons (i.e., SVOCs) in the groundwater samples collected from well TMW06. Therefore, SVOC analysis must be included for the analytical suite of TMW03, TMW04, and TMW06. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain SVOCs analysis for wells TMW03, TMW04, and TMW06.

40. Section 7 .0, Sampling Changes from Previous Plan, lines 22-23, page 67

Permittee Statement: "TMW15: Remove analyses for explosives, perchlorate, and SVOCs based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW15 is located near the perchlorate plume and defines the boundary of the plume. Therefore, perchlorate analysis must be included for the analytical suite of TMW15. However, the proposed removal of explosive compounds and SVOC analyses from the analytical suite of TMW15 is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain perchlorate analysis for well TMW15.

41. Section 7.0, Sampling Changes from Previous Plan, lines 24-25, page 67

Permittee Statement: "TMW21: Remove analysis for explosives based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW21 is located near the western boundary of the RDX plume and defines the boundary of the plume. Therefore, explosive compound analysis must be included for the analytical suite of TMW21. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain explosives analysis for well TMW21.

42. Section 7.0, Sampling Changes from Previous Plan, lines 26-27, page 67

Permittee Statement: "TMW22: Remove analyses for explosives, perchlorate, and SVOCs based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW22 is located near the eastern boundary of the RDX plume and defines the boundary of the plume. Therefore, explosive compound analysis must be included for the analytical suite of TMW22. However, the proposed removal of perchlorate and SVOCs analyses from the analytical suite of TMW22 is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain explosives analysis for well TMW22.

43. Section 7 .0, Sampling Changes from Previous Plan, lines 5-6, page 68

Permittee Statement: "TMW29: Remove analysis for explosives based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW29 is located near the western boundary of the RDX plume and defines the boundary of the plume. Therefore, explosive compound analysis must be included for the analytical suite of TMW29. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain explosives analysis for well TMW29.

44. Section 7.0, Sampling Changes from Previous Plan, lines 7-8, page 68

Permittee Statement: "TMW31S: Remove analyses for explosives, SVOCs, and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW31S is located near the TNT Leaching Bed, which is the source area of the RDX plume and defines the boundary of the plume. In addition, the 2023 Plan states, "[t]o monitor suspected [explosive compounds] releases from SWMU 27 (Building 528 Complex), wells TMW01, TMW31S, and TMW41 are designated for explosives analysis even though they are hydraulically upgradient of SWMU 1." Therefore, explosive compound analysis must be included for the analytical suite of TMW31S. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain explosives analysis for well TMW31S.

45. Section 7.0, Sampling Changes from Previous Plan, lines 9-10, page 68

Permittee Statement: "TMW33: Remove analysis for SVOCs based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW33 is located within the Administration Area where the TPH-DRO plume has been present. The TPH-DRO concentrations in the groundwater samples collected from well TMW33 exceeded the applicable screening level in 2021 and 2022. It is possible to detect the constituents of petroleum hydrocarbons (i.e., SVOCs) in the groundwater samples collected from well TMW33. In addition, the 2023 Plan states, "[t]he points of release for the SVOCs in the Northern Area include SWMU 6 (Building 11, former Locomotive Shop) and SWMU 45 (Building 6 Gas Station). There are no groundwater SVOC plumes identified at FWDA; however, wells MW20, MW22D, TMW33, and TMW46

are designated to monitor suspected releases of petroleum fuels at SWMU 6 and known releases of fuels at SWMU 45 (Figure 3-8)." Therefore, SVOC analysis must be included for the analytical suite of TMW33. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain SVOC analysis for well TMW33.

46. Section 7.0, Sampling Changes from Previous Plan, lines 11-12, page 68

Permittee Statement: "TMW35: Remove analyses for SVOCs and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW35 is located within the Administration Area where the TPH-DRO plume has been present. It is possible to detect the constituents of petroleum hydrocarbons (i.e., SVOCs) in the groundwater samples collected from well TMW35. Therefore, SVOC analysis must be included for the analytical suite of TMW35. However, the proposed removal of pesticides analysis from the analytical suite of TMW35 is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain SVOC analysis for well TMW35.

47. Section 7.0, Sampling Changes from Previous Plan, lines 13-14, page 68

Permittee Statement: "TMW39S: Remove analyses for explosives, SVOCs, and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW39S is located near the TNT Leaching Bed, which is the source area of the RDX plume and defines the boundary of the plume. Therefore, explosive compound analysis must be included for the analytical suite of TMW39S. SVOC analysis must also be continued for TMW39S because it is possible to detect degradation products of explosive compounds. However, the proposed removal of pesticides analysis from the analytical suite of TMW39S is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain explosives and SOVC analyses for well TMW39S.

48. Section 7.0, Sampling Changes from Previous Plan, lines 21-22, page 68

Permittee Statement: "TMW44: Remove analyses for explosives, SVOCs, and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW44 is located near the eastern boundary of the RDX plume and defines the boundary of the plume. Therefore, explosive compound analysis must be included for the analytical suite of TMW44. SVOC analysis must also be continued for TMW44 because it is possible to detect degradation products of explosive compounds. The proposed removal of pesticides analysis from the analytical suite of TMW44 is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain explosives and SVOC analyses for well TMW44.

49. Section 7.0, Sampling Changes from Previous Plan, lines 23-24, page 68

Permittee Statement: "TMW45: Remove analyses for explosives, perchlorate, SVOCs, and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW45 is located near the northeastern boundary of the RDX plume and defines the boundary of the plume. Therefore, explosive compound analysis must be included for the analytical suite of TMW45. SVOC analysis must also be continued for TMW45 because it is possible to detect degradation products of explosive compounds. However, the proposed removal of perchlorate and pesticides analyses from the analytical suite of TMW45 is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain explosives and SVOC analyses for well TMW45.

50. Section 7.0, Sampling Changes from Previous Plan, lines 25-26, page 68

Permittee Statement: "TMW46: Remove analyses for explosives, SVOCs, and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW46 is located downgradient of the TPH-DRO and TPH-GRO plumes and defines the boundary of the plumes. It is possible to detect the constituents of petroleum hydrocarbons (i.e., SVOCs) in the groundwater samples collected from well TMW46. In addition, the 2023 Plan states, "[t]he points of release for the SVOCs in the Northern Area include SWMU 6 (Building 11, former Locomotive Shop) and SWMU 45 (Building 6 Gas Station). There are no groundwater SVOC plumes identified at FWDA; however, wells MW20, MW22D, TMW33, and TMW46 are designated to monitor suspected releases of petroleum fuels at SWMU 6 and known releases of fuels at SWMU 45 (Figure 3-8)." Therefore, SVOC analysis must be included for the analytical suite of TMW46. However, the proposed removal of explosive compounds and pesticides analyses from the analytical suite of TMW46 is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain SVOC analysis for well TMW46.

51. Section 7.0, Sampling Changes from Previous Plan, lines 27-28, page 68

Permittee Statement: "TMW47: Remove analyses for perchlorate and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW47 is located downgradient of the perchlorate plume and defines the boundary of the plume. Therefore, perchlorate analysis must be included for the analytical suite of TMW47. However, the proposed removal of pesticides analyses from the analytical suite of TMW47 is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain perchlorate analysis for well TMW47.

52. Section 7.0, Sampling Changes from Previous Plan, lines 32-34, page 68

Permittee Statement: "BGMW07: Remove analyses for explosives, major anions, perchlorate, SVOCs, pesticides, and PCBs based on no detections above screening levels for four or more sampling events."

NMED Comment: Well BGMW07 is the background well that can be used to assess the naturally occurring levels of anions and perchlorate. Therefore, major anions and perchlorate analyses must be included for the analytical suite of BGMW07. In addition, in order to demonstrate that the groundwater samples collected from well BGMW07 are representative of background conditions, it is recommended to continue analyses of explosive compounds, SVOCs, pesticides, and PCBs. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain VOCs, SVOCs, anions, explosives, perchlorate, pesticides, and PCB analyses for well BGMW07. As described in Section 7.0 of the 2024 GWMP, the Army proposes to remove analyses for herbicides in well BGMW07 based on no detections above screening levels for four or more sampling events.

53. Section 7 .0, Sampling Changes from Previous Plan, lines 1-3, page 69

Permittee Statement: "BGMW08, BGMW09, BGMW10: Remove analyses for explosives, perchlorate, SVOCs, pesticides, and PCBs based on no detections above screening levels for four or more sampling events."

NMED Comment: Wells BGMW08, BGMW09, and BGMW10 are the background wells that can be used to assess the naturally occurring levels of perchlorate. Therefore, perchlorate analysis must be included for the analytical suite of BGMW08, BGMW09, and BGMW10. In addition, in order to demonstrate that the groundwater samples collected from wells BGMW08, BGMW09, and BGMW10 are representative of background conditions, it is recommended to continue analyses of explosive compounds, SVOCs, pesticides, and PCBs. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain all analyses for wells BGMW09 and BGMW10.

Sampling is temporarily deferred at BGMW08 per Comment No. 6 above.

54. Section 7.0, Sampling Changes from Previous Plan, lines 4-5, page 69

Permittee Statement: "TMW14A: Remove analyses for explosives, major anions, and SVOCs based on no detections above screening levels for four or more sampling events."

NMED Comment: The proposed removal of explosive compounds, and anions analyses from the analytical suite of TMW14A is hereby approved. However, the 2023 Plan states, "[s]uspected [SVOCs] releases will be monitored by wells TMW14A and TMW16 located downgradient in the western portion of the Workshop Area (Figure 3-13)." Therefore, SVOC analysis must be retained for the analytical suite of TMW14A. In addition, well TMW14A is located near the perchlorate plume and may define the boundary of the plume more accurately. Although perchlorate analysis is not included for the analytical suite of

TMW14A, propose to conduct perchlorate analysis for TMW14A. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain SVOC analysis and to add perchlorate analysis for well TMW14A.

55. Section 7.0, Sampling Changes from Previous Plan, lines 6-7, page 69

Permittee Statement: "TMW16: Remove analyses for explosives, perchlorate, and SVOCs based on no detections above screening levels for four or more sampling events."

NMED Comment: The proposed removal of explosive compounds, and perchlorate analyses from the analytical suite of TMW16 is hereby approved. However, the 2023 Plan states, "[s]uspected [SVOCs] releases will be monitored by wells TMW14A and TMW16 located downgradient in the western portion of the Workshop Area (Figure 3-13)." Therefore, SVOC analysis must be retained for the analytical suite of TMW16. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain SVOC analysis for well TMW16.

56. Section 7.0, Sampling Changes from Previous Plan, lines 8-9, page 69

Permittee Statement: "TMW17: Remove analyses for major anions based on no detections above screening levels for four or more sampling events."

NMED Comment: Although nitrate and nitrite have been monitored for four or more sampling events for well TMW17, other anions (i.e., bromide, chloride, fluoride, phosphate, and sulfate} have not been monitored for four or more sampling events. In addition, although the concentrations of chloride, fluoride, and sulfate have not exceeded the applicable screening levels in the past, the concentrations were very close to the screening levels and may potentially exceed the screening levels in the future. Therefore, major anions analysis must be continued for TMW17. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain major anions analyses for well TMW17.

57. Section 7.0, Sampling Changes from Previous Plan, lines 16-17, page 69

Permittee Statement: "TMW31D, TMW32: Remove analyses for explosives, SVOCs, and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: Wells TMW31D and TMW32 are located near the TNT Leaching Bed and may be useful to evaluate potential vertical migration of explosive compounds. Therefore, explosive compound analysis must be included for the analytical suite for TMW31D and TMW32. However, the proposed removal of SVOC and pesticides analyses from the analytical suite of TMW31D and TMW32 is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain explosives analyses for wells TMW31D and TMW32.

58. Section 7 .0, Sampling Changes from Previous Plan, lines 18-19, page 69

Permittee Statement: "TMW36: Remove analyses for explosives, SVOCs, and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW36 is located near the TNT Leaching Bed and may be useful to evaluate potential vertical migration of explosive compounds. The well vertically defines the boundary of the alluvial plume. Therefore, explosive compound analysis must be included for the analytical suite for TMW36. However, the proposed removal of SVOC and pesticides analyses from the analytical suite of TMW36 is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain explosives analysis for well TMW36.

59. Section 7.0, Sampling Changes from Previous Plan, lines 20-21, page 69

Permittee Statement: "TMW37: Remove analyses for explosives, perchlorate, SVOCs, and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: Well TMW37 is located on the eastern boundary of the perchlorate plume and defines the boundary of the plume. Therefore, perchlorate analysis must be included for the analytical suite for TMW37. However, the proposed removal of explosive compound, SVOC, and pesticides analyses from the analytical suite of TMW37 is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2 to retain perchlorate analysis for well TMW37.

60. Section 7.0, Sampling Changes from Previous Plan, lines 24-25, page 69

Permittee Statement: "TMW39D, TWM40D, TMW48: Remove analyses for explosives, SVOCs, and pesticides based on no detections above screening levels for four or more sampling events."

NMED Comment: Wells TMW39D, TWM40D, and TMW48 are located near the TNT Leaching Bed and may be useful to evaluate potential vertical migration of explosive compounds. Therefore, explosive compound analysis must be continued for TMW39D, TWM40D, and TMW48. However, the proposed removal of SVOC and pesticides analyses from the analytical suite of TMW39D, TWM40D, and TMW48 is hereby approved. Revise the Plan accordingly.

Permittee Response: Concur. The 2024 GWMP was revised, specifically in Section 7.0 and Table 5-2, to retain explosives analyses for wells TMW39D, TMW40D, and TMW48.

61. Figures 3-3 through 3-10, Groundwater Monitoring Alluvial Wells

NMED Comment: New alluvial wells depicted in Figure 2-4, *Northern Area Site Wells*, are not included in Figures 3-3 through 3-10. Include the new alluvial wells in the revised Figures 3-3 through 3-10 and provide a discussion for groundwater monitoring design in Section 5.2.1 with an inclusion of new alluvial wells in the revised Plan.

Permittee Response: Concur. Since the "new" wells were installed in 2019 and are no longer new, the designation of new alluvial wells (installed in 2019) was removed from Figures 2-3 and 2-4.

In addition, Section 5.2.1 was revised to include these new wells in the discussion of monitoring design.

62. Figures 3-11 through 3-13, Groundwater Monitoring Bedrock Wells

NMED Comment: New bedrock wells depicted in Figure 2-4, *Northern Area Site Wells*, are not included in Figures 3-11 through 3-13. Include the new bedrock wells in the revised Figures 3-11 through 3-13 and provide a discussion for groundwater monitoring design in Section 5.2.2 with an inclusion of new bedrock wells in the revised Plan.

Permittee Response: Concur. Since the "new" wells were installed in 2019 and are no longer new, the designation of new bedrock wells (installed in 2019) was removed from Figures 2-3 and 2-4.

In addition, Section 5.2.2 was revised to include these new wells in the discussion of monitoring design.

63. Table 5-1, Groundwater Screening Levels, Detection Limits, and Control Limits

NMED Comment: Table 5-1 provides the screening level for each analyte; however, it does not provide the detection limit, and control limit for each analyte. Include the relevant information in the revised Table 5-1 or provide a separate table that presents the detection limit, and control limit for each analyte.

Permittee Response: Comment acknowledged. Comment No. 16 in NMED's Disapproval Letter dated May 23, 2023, for the January through June 2021 and July through December 2021 Periodic Monitoring Reports states: "LOQs and LODs are specific to each individual sample analysis; therefore, it is inappropriate and inaccurate to include these values in a table meant to provide information for all analyses."

Based on this comment, the Army has not been including detection limit and control limit data in this applicable table, since it will likely change for each sample analysis. The LODs and LOQs will be reported with actual results when the reports are submitted for review.

The 2024 GWMP was not changed as a result of this comment.

If you have questions or require further information, please contact me at George.h.cushman.civ@army.mil, 703-455-3234 (Temporary Home Office, preferred) or 703-608-2245 (Mobile) or Cheryl.a.frischkorn.civ@army.mil, 703-624-6429 (Mobile).

Sincerely,

George H. Cushman IV

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Enclosures

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Attachment 1
Response to Disapproval, 2023 Interim Northern Area Groundwater Monitoring Plan

The Army submitted Response to Disapproval, 2023 Interim Northern Area Groundwater Monitoring Plan (2023 GWMP), in a letter dated August 31, 2022. Subsequently, the Army submitted the withdrawal request for the Final 2023 Interim Northern Area Groundwater Monitoring Plan, Revision 1, on November 10, 2023, and NMED approved the withdrawal request in a letter dated November 27, 2023. Since the withdrawal request was submitted and approved, the Response was no longer subject to NMED's review. The comments contained in the July 19, 2022, Disapproval of the 2023 Interim Northern Area Groundwater Monitoring Plan (Disapproval) were re-directed to the 2024 Interim Northern Area Groundwater Monitoring Plan (2024 GWMP), where applicable. As required in Comment No. 1 in NMED's Disapproval Letter on the 2024 GWMP, dated March 19, 2024, the Army is submitting the following responses to the comments contained in the July 19, 2022, NMED Disapproval letter.

Comments:

1. Objectives of the Plan

NMED Comment: Section 1.3 (Purpose), page 3 of 71, provides the objectives of the interim groundwater monitoring; however, it does not state the objectives of the plan itself, as described in Permit Section V.A.4. As a result, the Plan lacks the necessary details (e.g., proposed changes to the previous plans) required by the Permit; rather, it provides trivial details that appear to be irrelevant to the objectives of the Plan. For example, Section 2.2 (Previous Investigations) and its subsections (Section 2.2.1 through Section 2.2.27) provide approximately 20 pages of the description regarding previous investigations conducted at each SWMU and AOC. More than 30 percent of the text of the Plan discusses details regarding previous investigations. Such details are unnecessary for the purpose of the plan. Although Section 7.0 (Sampling Changes from Previous Plan) briefly discusses proposed changes to the previous monitoring and sampling plan, it lacks details, and the discussion is not sufficient. The Permittee must present all proposed changes to the previous plan and provide the basis for each proposed change requested by the Permittee or required by NMED. Relevant correspondence must be referenced for all proposed changes required by NMED. Comment 32 of the NMED's July 27, 2020, Disapproval also states, "Table 5-2, Northern Area Groundwater Sampling Matrix, and the text of the Plan lack an explanation for the changes made to the Plan (e.g., inclusion or exclusion of new or existing wells and analytical suite). The revised Plan must include a section that summarizes all changes made to the previous sampling matrix. If the change was directed by NMED, provide a reference to the direction. If the change is proposed by the Permittee, provide a basis or the proposed change." This direction was not adequately followed. Revise the Plan to include more detail for the proposed changes from the previous plans and remove unnecessary information.

Permittee Response: Significant changes have been made per the comment in Revision 1 to the 2024 GWMP. Specifically, Section 2.2 (and its subsections) has been significantly reduced to remove unnecessary details. In addition, Section 7.0 was expanded to include discussion of proposed analytical changes for each well, including the basis for each proposed change. See red-line strike-out.

2. Proposed Changes to the Plan

NMED Comment: The following issues regarding the proposed changes were identified in the Plan. Resolve the issues in the revised Plan.

a) The nitrite concentrations in groundwater samples collected from wells MW27, MW35, and MW59 may have been reported inaccurately. Propose to split the nitrite samples collected from the wells and use two different analytical laboratories to conduct nitrite analysis in the revised Plan, as appropriate.

Permittee Response: Concur. Split samples from wells MW27, MW35, and TMW59 were collected during the April 2023 sampling event and will be discussed in the January through June 2023 Periodic Monitoring Report (PMR).

b) The Permittee recommended conducting additional groundwater sampling and analysis of herbicides for wells MW36S, BGMW13D, and BGMW07 in the May 6, 2022, letter. However, herbicide analysis was not proposed for wells MW36S and BGMW13D in the Plan. Propose to conduct herbicide analysis for these wells in the revised Plan.

Permittee Response: Analyses for herbicides in wells MW36S and BGMW13D have been conducted since 2021. Analyses for herbicides in well BGMW07 have been conducted since 2018. As described in Section 7.0 of the GWMP, the Army proposes to remove analyses for herbicides in wells MW36S, BGMW13D, and BGMW07 based on no detections above screening levels for four or more sampling events. See Response to NMED Comment No. 25a of the March 19, 2024, Notice of Disapproval (NOD) of the 2024 GWMP.

c) Propose to conduct pesticides analysis for the groundwater samples collected from wells TMW40S and TMW52, as required by Comment 53 of the NMED's January 25, 2022, Disapproval.

Permittee Response: Analyses for pesticides in well TMW52 have been conducted since 2021. Analyses for pesticides in well TMW40S have been conducted since 2017. As such, and as described in Section 7.0 of the GWMP, the Army proposes to remove analyses for pesticides in wells TMW52 and TMW40S based on no detections above screening levels for four or more sampling events. See Response to NMED Comment No. 25b of the March 19, 2024, NOD of the 2024 GWMP.

d) Comment 38 of the NMED's January 25, 2022, Disapproval states, "propose to conduct TPH-DRO and TPH-GRO analyses for the groundwater samples collected from all new wells." Although it appears that this comment was addressed, the discussion was not included in the Plan. Indicate where this comment was addressed in the revised Plan.

Permittee Response: Concur. All “new” wells installed in 2019 have been analyzed for TPH-DRO and TPH-GRO since the 2020 sampling events. Changes to TPH analyses are discussed on a well-specific basis in Section 7.0 of the 2024 GWMP.

e) Comment 49 of the NMED's January 25, 2022, Disapproval states, "propose to conduct SVOC analysis for the groundwater samples collected from all wells where TPH-DRO was detected." Propose to conduct semi-volatile organic compounds (SVOCs) analysis for all applicable wells and indicate where this comment was or is addressed in the revised Plan.

Permittee Response: Concur. In Section 7 and Table 5-2 of the 2024 GWMP, the Army proposes SVOC analysis for wells where TPH-DRO is detected in the preceding sampling event.

f) Comment 54 of the NMED's January 25, 2022, Disapproval states, "propose to conduct chloride/sulfate analysis for the groundwater samples collected from all pertinent wells where such evaluation is relevant and potentially feasible." Propose to conduct the analysis for all applicable wells and indicate where this comment was or is addressed in the revised Plan.

Permittee Response: Concur. The requested revision was incorporated into the Version 11 (2022) GWMP and was carried forward into the 2024 GWMP without change. Section 5.2.1 (in 2022 and 2024 GWMPs) states: “Starting in 2021, all wells sampled for nitrate and nitrite will also be sampled for additional major anions, to include chloride, fluoride, sulfate, phosphate, and bromide.”

g) Comment 17 of the NMED's July 1, 2020, Disapproval states, "propose to collect groundwater samples from wells TMW06, TMW07, TMW10, TMW21 and TMW46 for TPH-DRO analysis." Although it appears that this comment was addressed, the discussion was not included in the Plan. Indicate where this comment was or is addressed in the revised Plan.

Permittee Response: Concur. The requested revision was incorporated into the Version 11 (2022) GWMP and was carried forward into the 2024 GWMP. Specifically, wells TMW06, TMW07, TMW10, TMW21, and TMW46 were proposed for TPH-DRO analysis in the 2022 GWMP and remain unchanged for this 2024 GWMP. Any changes to TPH analyses are discussed on a well-specific basis in Section 7.0 of the 2024 GWMP.

h) Comment 27 of the NMED's July 1, 2020, Disapproval states, "propose to collect groundwater samples from wells TMW06, TMW07, and TMW21 for TPH-GRO analysis." Although it appears that this comment was addressed, the discussion was not included in the Plan. Indicate where this comment was or is addressed in the revised Plan.

Permittee Response: Concur. The requested revision was incorporated into the Version 11 (2022) GWMP and was carried forward into the 2024 GWMP. Specifically, wells TMW06, TMW07, and TMW21 were proposed for TPH-GRO analysis in the 2022 GWMP and remain unchanged for this 2024 GWMP. Any changes to TPH analyses are discussed on a well-specific basis in Section 7.0 of the 2024 GWMP.

i) Well MW27 appears to be the only well where 1,4-dioxane analysis was proposed in 2023. Provide a justification for the proposed change to the 1,4-dioxane analysis in the revised Plan.

Permittee Response: No wells were proposed for analysis for 1,4-dioxane in the 2022 GWMP, which remains unchanged in the 2024 GWMP.

j) Comment 1 of the NMED's August 3, 2021, letter states, "[p]ropose to conduct PFAS analysis for the groundwater samples collected from the pertinent wells." Since this comment was not addressed, propose to conduct the analysis for all applicable wells and indicate where this comment was or is addressed in the revised Plan.

Permittee Response: The Army respectfully refers to the Response to NMED Comment No. 13 of March 19, 2024, NOD of the 2024 GWMP.

3. Section 1.5, Document Organization, lines 23-24, page 6 of 71

Permittee Statement: "Section 2 presents the available site history and general description of FWDA and summarizes previous groundwater investigations."

NMED Comment: Section 2.2 and its subsections present a summary of previous soil and groundwater investigations conducted in each SWMU and AOC in a chronological manner with the Permittee's recommendations made after the investigations and NMED's responses. Although Section 2.2 and its subsections were reviewed, the accuracy of the statements was not verified with actual references because the details were not relevant to the Plan. The pertinent sections must provide a general description of site history and previous groundwater investigations; however, the comprehensive description of site history and previous investigations discussed in the Plan is unnecessary. Remove irrelevant details from the revised Plan.

Permittee Response: Section 2.2 was greatly reduced in the 2024 GWMP and will be further simplified in subsequent Interim GWMP submittals in accordance with NMED's Comment No. 2 of March 19, 2024, NOD of the 2024 GWMP.

4. Section 2.1, General Facility Description, lines 35-37, page 7 of 71

Permittee Statements: "Figure 2-2 shows the locations of various buildings and SWMUs and AOCs throughout the Northern Area of the installation."

NMED Comment: Figure 2-2 was not included in the Plan. Include Figure 2-2 in the revised Plan.

Permittee Response: Concur. The figure is included in the 2024 GWMP.

5. Section 2.3, Semi-annual RCRA Groundwater Monitoring Reports and Updated Groundwater Monitoring Plans - Ongoing, lines 15-17, page 28 of 71

Permittee Statement: "Detected concentrations of other anions (fluoride, sulfate, chloride, and phosphate) are associated with hard water and brackish groundwater conditions observed at FWDA."

NMED Comment: Since the evaluation of background groundwater conditions has not been approved, it is not appropriate to conclude that the detection of anions is a result of natural conditions. Remove the unsupported statement from the revised Plan.

Permittee Response: Concur. References to anions being a result of natural conditions were removed from the 2024 GWMP.

6. Section 2.3, Semiannual RCRA Groundwater Monitoring Reports and Updated Groundwater Monitoring Plans – Ongoing, lines 29-31, page 28 of 71

Permittee Statement: "Toluene had two cleanup level exceedances, and benzene has had one exceedance. Toluene and benzene may have been associated with previous fuel releases and are now detected at concentrations less than cleanup levels."

NMED Comment: 1,2-dichloroethane, carbon disulfide, 1,4-dioxane, toluene, and vinyl chloride are listed as volatile organic compounds (VOC) whose concentrations exceeded the applicable screening levels in the same section, lines 36-37, page 27 of 71. Since the statement indicates that benzene also exceeded the applicable screening level, resolve the discrepancy in the revised Plan.

Permittee Response: Concur. Benzene was added to the list of VOCs historically detected above screening levels in Section 2.3 of the 2024 GWMP.

7. Section 3.4.4, Northern Area Alluvial Groundwater System, lines 28-31, page 35 of 71

Permittee Statement: "A video survey of Well 69 was performed in June 2019 to provide a visual observation of the interior of the well casing to assess possible deterioration and leaking. The video survey showed thick mineral deposits along the well casing, which made it difficult to assess the condition of the well casing."

NMED Comment: The Permittee submitted the June 15, 2022, Final Work Plan to Abandon and Plug Artesian Wells #68 and #69. The referenced work plan must be approved by the New Mexico Office of the State Engineer. The well abandonment plan must be approved by the New Mexico Office of the State Engineer. The well abandonment report must be submitted to NMED within ninety (90) calendar days of completion of the field activities. No revision is required to the Plan.

Permittee Response: Concur. The Permittee submitted the Final Field Summary Report, Abandon and Plug, Wells 68 and 69, Fort Wingate Depot Activity, to NMED on February 9, 2024.

8. Section 3.4.5, Northern Area Bedrock Groundwater System, lines 10-14, page 36 of 71

Permittee Statements: "The upper sandstone unit is evaluated by monitoring well TMW40D. The remaining bedrock monitoring wells are completed in the lower sandstone unit, which is separated from the upper by a thick sequence of shale. A third water-bearing sandstone unit is assumed since groundwater from well BGMW08 was measured at 100 feet lower than those of other bedrock wells."

NMED Comment: The Permittee's May 6, 2022, Final Northern Area Groundwater RCRA Facility Investigation Report, Army's Response to the New Mexico Environment Department Letter of Disapproval dated January 25, 2022, states, "[f]or consistency, the terminology 'Bedrock 1/upper bedrock aquifer was changed to the Bedrock Aquifer 1 (BR1), thru-out [and] BR1 is defined by thickness and laterally discontinuous water bearing zone without sustainable water production." The designation of the sandstone units must be consistent. Well, TMW40D was screened in the BR2 that are equivalent to the lower sandstone unit according to the referenced report. Revise the statement for consistency and accuracy.

Permittee Response: Concur. Section 3.4.5 in the 2024 GWMP now reads as follows:

"*The upper sandstone unit, designated as Bedrock Aquifer 1 (BR1), is evaluated by monitoring wells TMW38, TMW51, TMW52, TMW53, and TMW64.*"

9. Section 3.5, Nature and Extent of Groundwater Contamination, lines 1-2, page 37 of 71

Permittee Statements: "Figure 3-1 and Figure 3-2 present the alluvial and bedrock groundwater elevations generated from the October 2019 water level measurement event."

NMED Comment: Since the Plan proposes groundwater monitoring and sampling plans for year 2023, it is necessary to use the most recent data that were approved by NMED. The July through December 2020 groundwater monitoring report was approved by NMED on April 5, 2022; therefore, the data included in the 2020 report must be used. If the October 2019 data is sufficient for the purpose of this discussion, provide a justification for using the older data in the response letter.

Permittee Response: NMED Comment No. 10 of the March 19, 2024, NOD of the 2024 GWMP noted the GWMP should utilize data "*collected from the most recent monitoring event that is available to the Permittee at the time the Plan is prepared.*" The Army interprets this to mean that data collected and validated from 2023 should be used for planning purposes for the 2024 GWMP and beyond.

10. Section 3.6, Fate & Transport of Contamination in Groundwater, lines 14-18, page 39 of 71

Permittee Statement: "Alluvial groundwater in the northern Administration Area and Workshop Area is present in a depression formed by the downward dip of largely impermeable claystone bedrock. Southeast of the Workshop Area, communication between the bedrock and alluvial aquifers create a direct pathway between both units. In the Northern Area, alluvium overlies claystone aquitards."

NMED Comment: Although NMED agrees with the presence of claystone between the alluvial and bedrock aquifers at the site, the claystone layer is not impermeable. The site contaminants (e.g., nitrate) have migrated vertically from the alluvial to the bedrock aquifer. Revise the statement for accuracy.

Permittee Response: Concur. The Army removed the referenced text, and Section 3.6 of the 2024 GWMP no longer contains the referenced text concerning impermeable claystone.

11. Section 3.7, Exposure Pathways for Human and Ecological Receptor, lines 34 through 38, page 39 of 71 and lines 1 through 10, page 40 of 71

NMED Comment: Although the title of Section 3.7 indicates that discussion regarding exposure pathways for ecological receptor was provided, they were not provided in the text of Section 3.7. Include the discussion in the revised Plan or revise the title of Section 3.7.

Permittee Response: The term "Ecological" was removed from the heading for Section 3.7 of the 2024 GWMP.

12. Section 4.2, Groundwater Sampling, lines 3-5, page 42 of 71

Permittee Statement: Low-flow purging and sampling is the preferred method at FWDA, in accordance with the NMED guidance document on low-flow sampling titled, "Use of Low-Flow and Other Non-Traditional Sampling Techniques for RCRA Compliant Groundwater Monitoring

(NMED-HWB, 2001)."

NMED Comment: According to Table 4-1 (Northern Area Groundwater Purge Method), many wells are not purged using the low-flow method even though it is the preferred method. Presumably, the wells do not produce enough water to use the low-flow method; however, the wells that are purged with high-volume capacity pumps (MW23, MW24, TMW16, TMW18, TMW19, TMW36, and TMW37) may be appropriate for the low-flow purge method. (a) Evaluate the potential for use of the low-flow method for the wells where high-volume capacity pumps are currently used and (b) provide a discussion in the revised Plan.

Permittee Response: Concur. In the 2024 GWMP, the Army proposes an evaluation of flow rates and drawdown from wells that may be suitable for low-flow purging. Specifically, Section 4.1 of the 2024 GWMP describes that: "*Current wells not sampled via low-flow method will be evaluated to determine suitability for low-flow method and proposed for future low-flow sampling as appropriate.*"

13. Section 4.2.2.1, Traditional Low-Flow and ZIST Low-Flow Dedicated Pumps, lines 28-29, page 46 of 71, and Section 4.2.4, Alternative Groundwater Purging and Sampling Procedures, line 40, page 47 of 71

Permittee Statement: "All measurements will be obtained using a field-parameter monitoring instrument with a transparent flow-through cell that prevents air bubble entrapment in the cell." and,
"Prior to purging, an additional DO measurement with a downhole probe will be collected on all wells without a dedicated pump."

NMED Comment: The data for water quality parameters other than dissolved oxygen (DO) appear to be collected by a flow-through cell rather than a downhole probe. Comment 2 of the NMED's July 6, 2021; letter states, "NMED agrees that in-situ DO measurement using downhole probes is more effective and accurate. Propose to use downhole probes for water quality measurements, where applicable, in future groundwater monitoring plan update." Propose to use downhole probes for the measurement of all water quality parameters, where applicable, or explain why DO is the only water quality parameter measured using a downhole probe in the revised Plan.

Permittee Response: Concur. Please see Section 4.2.4 of the 2024 GWMP for the current proposed methods for the measurement of water quality parameters.

14. Section 4.2.4.1, Disposable Bailers, lines 30-32, page 48 of 71

Permittee Statement: "To filter groundwater samples for dissolved metals and/or perchlorates analysis, use a hand pump filter or run water through a peristaltic pump with dedicated tubing and in-line filter or use a clean disposable syringe and filter."

NMED Comment: Three different filtering methods are proposed for collection of dissolved metals and/or perchlorate analysis. Explain the criteria/conditions dictating which particular filtering method is selected in the revised Plan. In addition, explain which method is used for each well in the revised Plan.

Permittee Response: Concur. The sample filtration language has been modified in the

applicable paragraph in Section 4.2.4.1 of the 2024 GWMP reads as follows:

"*To filter groundwater samples for dissolved metals and/or perchlorates analysis, use a clean disposable syringe and filter. An intermediary container may be used to collect the groundwater sample prior to filtering. Sample filtering and preservation will be performed in accordance with laboratory and method requirements as listed in Table 4-3.*"

15. Section 5.1, Interim Groundwater Monitoring Analytical Program, lines 30-32, page 56 of 71

Permittee Statement: "USACE is currently evaluating options to achieve lower LOQs for the remaining few compounds using enhanced analytical procedures as documented in a NMED approval letter dated May 21, 2019 (NMED, 2019b)."

NMED Comment: The April 13, 2022, e-mail from Mr. Ben Wear of NMED to Mr. George Cushman of FWDA states, "submit a formal report, which details the data you have collected and includes all information provided by the analytical laboratories, to NMED for review no later than July 29, 2022." Although this information is not required to be included in the Plan, the Permittee must submit the required document no later than July 29, 2022. This comment serves as a reminder.

Permittee Response: Concur. The Army submitted the document in three phases, with the final Phase 3 Study submitted on April 24, 2023.

16. Section 5.2, Monitoring Location and Frequency, lines 13-15, page 58 of 71

Permittee Statement: "Once additional bedrock aquifer background monitoring wells are installed; interim monitoring will be conducted to collect additional data to support background evaluations."

NMED Comment: It is not clear whether the Permittee will propose to install more bedrock background monitoring wells for the purpose of collecting additional data to support background evaluations. Provide a clarification in the response letter. If additional background monitoring wells are necessary to support background evaluations, propose to submit a work plan to install these wells in the revised Plan.

Permittee Response: Concur. Background metals and anion concentrations are being addressed as part of the Northern Area Groundwater Phase 2 Supplemental RFI Work Plan (submitted to NMED on March 15, 2024).

17. Section 5.2.1, Northern Area Alluvial Groundwater Monitoring Design, Explosives Plume, lines 35-36, page 58 of 71, and lines 1-2, page 59 of 71

Permittee Statements: "To monitor suspected [explosive compounds] releases from SWMU 27 (Building 528 Complex), wells TMW01, TMW31S, and TMW41 are designated for explosives analysis even though they are hydraulically upgradient of SWMU 1."

NMED Comment: According to Table 5-2 (Northern Area Groundwater Sampling Matrix), explosive compounds analysis was not proposed for wells TMW01, TMW31S, and TMW41. Revise Table 5-2 to propose explosive compounds analysis for the wells in the revised Plan.

Permittee Response: Concur. Wells TMW01, TMW31S, and TMW41 were retained for explosives analysis due to their proximity to the explosives plume. See Response to NMED Comment No. 38 (for TMW01) and Comment No. 44 (TMW31S) in the of the March 19, 2024, NOD of the 2024 GWMP.

18. Section 5.2.1, Northern Area Alluvial Groundwater Monitoring Design, Metals Monitoring, lines 13-15, page 59 of 71

Permittee Statement: “Monitoring wells along the outside edges of the monitoring network are selected to provide data that could be used to monitor potential contaminant migration [for metals].”

NMED Comment: According to Table 5-2, metals analyses are proposed for groundwater samples collected from all monitoring wells. However, the statement indicates that metals analyses are only proposed for wells along the outside edges of the monitoring network. To clarify, metals analyses must be conducted for all wells unless the changes are proposed and approved by NMED. Remove the statement from the revised Plan.

Permittee Response: Concur. All wells are proposed for metals analyses in the 2024 GWMP.

19. Section 5.2.1, Northern Area Alluvial Groundwater Monitoring Design, Other Organics Monitoring, lines 21-25, page 59 of 71

Permittee Statement: "The points of release for the SVOCs in the Northern Area include SWMU 6 (Building 11, former Locomotive Shop) and SWMU 45 (Building 6 Gas Station). There are no groundwater SVOC plumes identified at FWDA; however, wells MW20, MW22D, TMW33, and TMW46 are designated to monitor suspected releases of petroleum fuels at SWMU 6 and known releases of fuels at SWMU 45 (Figure 3-8)."

NMED Comment: According to Table 5-2, SVOCs analysis was not proposed for wells MW20, MW22D, TMW33, and TMW46. Revise Table 5-2 to propose SVOCs analysis for the wells or explain the basis for excluding the analysis in the revised Plan. In addition, SVOCs may be detected as degradation products of explosive compounds. Propose to conduct SVOCs analysis for all wells designated for monitoring explosive compounds in the revised Plan.

Permittee Response: Concur. The 2024 GWMP retains SVOCs analysis for wells MW20, MW22D, TMW33, and TMW46. See Response to NMED Comment No. 36 (for MW20 and MW22D), Comment No. 45 (TMW33), and Comment No. 50 (TMW46) of the March 19, 2024, NOD of the 2024 GWMP.

20. Section 5.2.1, Northern Area Alluvial Groundwater Monitoring Design, Other Organics Monitoring, lines 29-30, page 59 of 71

Permittee Statement: "The GRO releases are monitored by wells MW01, MW02, MW03, MW18D, MW20, MW22D, and TMW33."

NMED Comment: According to Table 5-2, total petroleum hydrocarbon gasoline range organics (TPH GRO) analysis was not proposed for well MW03. Revise Table 5-2 to propose TPH GRO analysis for well MW03 in the revised Plan.

Permittee Response: Concur. In the 2024 GWMP, the Army proposes TPH-GRO analysis for well MW03.

21. Section 5.2.2, Northern Area Bedrock Groundwater Monitoring Design, Perchlorate Plume, lines 13-14, page 60 of 71

Permittee Statement: "To monitor the [perchlorate] plume boundary wells TMW32, TMW36, TMW38, TMW39D, and TMW40D are designated as downgradient wells."

NMED Comment: According to Table 5-2, perchlorate analysis was not proposed for wells TMW36 and TMW38. Revise Table 5-2 to propose perchlorate analysis for the wells in the revised Plan.

Permittee Response: Concur. In the 2024 GWMP, the Army proposes perchlorate analyses for wells TMW36 and TMW38.

22. Section 5.2.2, Northern Area Bedrock Groundwater Monitoring Design, Other Organic COPCs Monitoring, lines 20-21, page 60 of 71

Permittee Statement: "Suspected [SVOCs] releases will be monitored by wells TMW14A and TMW16 located downgradient in the western portion of the Workshop Area (Figure 3- 13)."

NMED Comment: According to Table 5-2, SVOCs analysis was not proposed for wells TMW14A and TMW16. Revise Table 5-2 to propose SVOCs analysis for the wells in the revised Plan. In addition, SVOCs may be detected as degradation products of explosive compounds. Propose to conduct SVOCs analysis for all bedrock wells designated to monitor explosive compounds in the revised Plan.

Permittee Response: Concur. The 2024 GWMP was revised to propose SVOC analyses for wells TMW14A and TMW16. See Response to NMED Comment No. 54 (for TMW14A) and Comment No. 55 (for TMW16) of the March 19, 2024, NOD of the 2024 GWMP.

23. Section 5.3.2, Analytical Data Quality Requirements, Sensitivity, DL [(Detection Limit)), lines 10-12, page 63 of 71

Permittee Statement: "A DL may be used as the lowest concentration for reliably reporting a detection of a specific analyte in a specific matrix with a specific method with 99% confidence."

NMED Comment: Neither the Instrument Detection Limit (IDL), nor the Method Detection Limit (MDL), can be used as the lowest concentration to report detection/non-detection of an analyte. However, the reporting limit (RL), limit of detection (LOD), practical quantitation limit (PQL), or limit of quantitation (LOQ) may be used as the lowest concentration to report a detection/non-detection. Revise the statement for clarity.

Permittee Response: The referenced definitions in the Permittee statement above are directly cited from the DOD Quality Systems Manual (QSM). As described in the 2024 GWMP, the LOD is used for reporting purposes when non-detect results are obtained.

24. Section 7.0, Sampling Changes from Previous Plan, lines 7-10, page 66 of 71

Permittee Statement: "Starting in 2023, these wells [installed in 2019 and 2020] will only be sampled for analytes based upon neighboring wells and proximity towards known contaminant plumes and if they had any detections of other analytes during the initial four sampling events. The revised analytical program is listed in Table 5-2 with highlights pertaining to the changes for 2023."

NMED Comment: Since the data that supports the absence of analytes in the wells where analyses are proposed to be removed is not provided or discussed, the appropriateness of the proposed removal has not been demonstrated. The Permittee must evaluate the analytical data for each well where removal of the analyses is proposed and discuss its basis in the revised Plan (see Comment 1). For example, herbicides, PCB, and pesticides analyses conducted in wells BGMW11 and BGMW12 in 2022 are proposed to be removed according to Table 5-2 of the Plan. However, the basis for the proposed changes is not discussed in the Plan. The discussion must include (1) the detection/non-detection of analytes, (2) the exceedance of the screening levels, if any, (3) the presence of data quality exceptions, if any, and (4) the number of the sampling events used for the evaluation of proposed changes. The basis for all proposed changes must clearly be stated in the revised Plan. Note that the proposed changes are subject to NMED's approval and must not be implemented without an approval of the Plan.

Permittee Response: Concur. Section 7.0 of the 2024 GWMP was expanded to include text discussion of proposed analytical changes for each well, including the basis for each proposed change. The Army again appreciates NMED’s timely review of the Army’s Response No 1 to the 2024 GWMP NOD and the approval of changes in analytes for various wells in the 2024 sampling.

25. Section 7.0, Sampling Changes from Previous Plan, lines 11-14, page 66 of 71

Permittee Statement: "Wells which have been non-detect for a given analyte group in four or more of the most recent sampling events (except for VOCs) are proposed for removal of that analytical group from the well, unless the well is in proximity to an existing plume for that analyte group. No changes are proposed for VOCs or metals analyses."

NMED Comment: The basis for the proposed changes in analytical suite in each well must be discussed in detail. For example, TPH diesel range organics (DRO) analysis was proposed to be removed from the analytical suite for well MW03 according to Table 5-2; however, all reported non-detect concentrations exceeded the applicable screening level in well MW03; therefore, the data is considered as a data quality exception, and the absence of TPH DRO in the samples collected from well MW03 has not been demonstrated. As such, TPH DRO analysis for MW03 must be continued in 2023. The proposed changes for each well must be discussed for NMED's evaluation and approval in the revised Plan.

Permittee Response: Concur. Please see response to Comment 24 above. In addition, TPH-DRO analysis for MW03 has been retained in the 2024 GWMP.

26. Table 5-2, Northern Area Groundwater Sampling Matrix, pages TS-3; 1 through 7

NMED Comment: Some issues are identified in Table 5-2. Resolve the following issues in the revised Plan.

a) Section 5.2.1 (Northern Area Alluvial Groundwater Monitoring Design, Nitrate and Nitrite Plume) states that all wells sampled for nitrate and nitrite will also be sampled for additional major anions to include chloride, fluoride, sulfate, phosphate, and bromide starting in 2021. Although Table 5-2 includes major anions as one of the analytical parameters, each analyte included in major anions is not identified in the table. Identify all analytes included in major anions (e.g., nitrate, nitrite, chloride, fluoride, sulfate, phosphate, and bromide) in the footnote of the revised Table 5-2.

b) Although the revised 2022 Plan included pesticides analysis for multiple wells, Table 5-2 does not propose pesticides analysis for any well. Provide an explanation for the removal of pesticide analysis in 2023 in the revised Plan.

Permittee Response:

a) Concur. Table 5-2 in the 2024 GWMP contains a footnote listing specific analytes for major anions.

b) Concur. This comment was addressed in NMED's approval of the Army's Response No. 1 to the 2024 GWMP NOD. Based on review of subsequent analytical results, NMED approved removal of pesticide analyses for multiple wells.

DEPARTMENT OF THE ARMY
OFFICE OF THE DEPUTY CHIEF OF STAFF, G-9
600 ARMY PENTAGON
WASHINGTON, DC 20310-0600

October 25, 2024

Army Environmental Division - BRAC Operations Branch

Mr. JohnDavid Nance
Chief, Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

RE: Approval with Modifications, 2024 Interim Northern Area Groundwater Monitoring Plan Revision 1, Fort Wingate Depot Activity, McKinley County, New Mexico. EPA# NM6213820974, HWB-FWDA-24-001

Dear Mr. Nance:

This letter provides responses to the comments issued in the Approval with Modifications (AWM) letter from the New Mexico Environment Department (NMED) dated August 22, 2024, for the 2024 Interim Northern Area Groundwater Monitoring Plan Revision 1, dated April 30, 2024. In addition to the comment responses provided in this letter, two (2) hard copies of relevant replacement pages and two (2) electronic (CD) copies of the above-mentioned document are enclosed for your records.

Comments:

1. Permittee's Response to NMED's Disapproval Comment 13, dated March 19, 2024

Permittee Statement: "As an emerging contaminant, federal Department of Defense policy is to conduct PFAS investigations under the CERCLA process (https://www.acq.osd.mil/eie/eer/ecc/pfas/data/cleanup-pfas.html); a decision not at the discretion of the Permittee. The Army recently completed a PFAS Site Inspection (SI) at FWDA that will soon be submitted to NMED. Based on the results of the SI, the Army is initiating a PFAS Remedial Investigation (RI) at FWDA. The Army requests a meeting to discuss NMED's involvement in the upcoming PFAS investigation. The Army respectfully requests that NMED's direction in this comment on PFAS sampling be deferred pending further discussions."

NMED Comment: NMED hereby grants the Permittee's request to defer PFAS sampling at the Facility at this time.

However, NMED notes that environmental media sampling data for contaminants of emerging concern, such as PFAS, must be evaluated in accordance with NMED's November 2022 Risk Assessment Guidance for Site Investigations and Remediation (RA Guidance) (as updated), Section 2.1.7, Contaminants of Emerging Concern, that specifies, "[f]or facilities where contaminants of emerging concern are detected in site media, and SSLs [soil screening levels] are available, a quantitative analysis is required; if SSLs are not available, a qualitative discussion of potential exposure and impact on overall risk/hazard must be included in the risk assessment." RA Guidance Table 1, NMED Soil Screening Levels, includes SSLs for select PFAS and the United States Environmental

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Protection Agency (USEPA) has also established Regional Screening Levels (RSLs) for select PFAS, and it is expected that there will be updates to screening levels for PFAS as more toxicity data become available. In the absence of a complete risk assessment, sites may not be eligible for a corrective action status review at this time.

As an additional note, USEPA's proposed February 2024 rule changes addressing nine select PFAS proposed to be listed as 40 CFR Part 261 Appendix VIII hazardous constituents and RCRA's corrective action authority for emerging contaminants of concern that meet the statutory definition of hazardous waste may have additional bearing on NMED's approach to any future corrective action status determinations for sites at RCRA permitted facilities in New Mexico that have PFAS contamination.

Permittee Response: Concur, no change to the document as a result of this comment.

2. Permittee's Response to NMED's Disapproval Comment 18, dated March 19, 2024

Permittee Statement: "The Army notes that the ZIST system functions by isolating the screen interval, and the water level above the seal should not change."

NMED Comment: Even if the ZIST system functions as intended and the screened interval is isolated within the well casing, it is not possible for the specific depth interval to be isolated within the filter pack. The filter pack extends throughout the entire well screen; therefore, all groundwater present within the filter pack likely enters the isolated screened interval in the well casing due to the high permeability of the filter pack material. In addition, a drawdown has been observed in the wells where the ZIST system has been used; therefore, the water level above the seals has not been sustainable during purging. Remove the statement from the Plan and provide replacement pages.

Permittee Response: Concur. NMED's Disapproval Comment 18 referred to a sentence stating that water level wouldn't be measured during purging and sampling in ZIST wells. The statement had already been removed in the revised version of the document. No further changes, or replacement pages, as a result of this comment.

3. Permittee's Response to NMED's Disapproval Comment 25a, dated March 19, 2024

Permittee Statement: "As described in Section 7.0 of the 2024 GWMP, the Army proposes to remove analyses for herbicides in wells MW36S, BGMW13D, and BGMW07 based on no detections above screening levels for four or more sampling events."

NMED Comment: NMED hereby approves the removal of herbicides analysis in wells MW36S, BGMW13D, and BGMW07. No revision is required to the Plan.

Permittee Response: Concur, no change to the document as a result of this comment.

4. Permittee's Response to NMED's Disapproval Comment 25b, dated March 19, 2024

Permittee Statement: "As described in Section 7.0 of the 2024 GWMP, the Army proposes to remove analyses for pesticides in wells TMW52 and TMW40S based on no detections above screening levels for four or more sampling events."

NMED Comment: NMED hereby approves the removal of pesticides analysis in wells TMW52 and TMW40S. No revision is required to the Plan.

Permittee Response: Concur, no change to the document as a result of this comment.

5. **Attachment 1, Response to Disapproval, 2023 Interim Northern Area Groundwater Monitoring Plan, Response to NMED's Disapproval Comment 9, dated July 19, 2022**

Permittee Statement: "The Army interprets this to mean that data collected and validated from 2023 should be used for planning purposes for the 2024 GWMP and beyond."

NMED Comment: The Permittee's interpretation is correct. Regardless of NMED's approval, the most recent validated data should be used to prepare upcoming interim groundwater monitoring plans. No revision is required to the Plan.

Permittee Response: Concur, no change to the document as a result of this comment.

6. **Attachment 1, Response to Disapproval, 2023 Interim Northern Area Groundwater Monitoring Plan, Response to NMED's Disapproval Comment 15, dated July 19, 2022**

Permittee Statement: "The Army submitted the document [for evaluating options to achieve lower LOQs] in three phases, with the final Phase 3 Study submitted on April 24, 2023."

NMED Comment: The Permittee's April 24, 2023 letter is not an approved document and must not be referenced. The risk evaluation approach for the constituents with the Limits of Quantitation (LOQ) exceeding the respective Soil Screening Levels (SSLs) presented in the April 24, 2023 letter is not acceptable. Remove the reference to the April 24, 2023 letter from the Work Plan and provide replacement pages. Refer to Comment 10 of NMED's August 19, 2024 Disapproval Final Work Plan Northern Area Sewer Line Investigation for the direction to resolve the LOQ issue.

Permittee Response: Concur. The Permittee's April 2023 letter was removed from the references section, and replacement pages are provided herein.

If you have questions or require further information, please contact me at George.h.cushman.civ@army.mil, 703-455-3234 (Temporary Home Office, preferred) or 703-608-2245 (Mobile) or Cheryl.a.frischkorn.civ@army.mil, 703-624-6429 (Mobile).

Sincerely,

George H. Cushman IV
BRAC Environmental Coordinator
Fort Wingate Depot Activity
BRAC Operations Branch
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APPENDIX B

Summary of Previous Investigation Analytical Results

(Tables B-1 through B-7)

TABLE B-1: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
Alluvial Wells									
BGMW01	BGMW01102023	10/3/2023	8.9	<0.3	1.8	**420**	1.1	<0.5	**1,200**
	BGMW01042023	4/18/2023	8.1	0.15	1.6	**400**	1.1	<0.25	**1,200**
	BGMW01102022	10/5/2022	4.6	<0.06	1.3	**420**	1.2	<0.25	**1,200**
	BGMW01042022	4/13/2022	6.5	0.060 J	1.8	**420**	1.2	<0.25	**1,200**
BGMW02	BGMW02102023	10/3/2023	**14**	<0.12	1.6	**310**	0.34	<0.25	**1,000**
	BGMW02042023	4/18/2023	**14**	<0.06	1.5	**320**	0.34	<0.25	**1,100**
	BGMW02102022	10/5/2022	**11**	<0.06	1.2	**350**	0.34	<0.25	**1,200**
	BGMW02042022	4/13/2022	**15**	<0.06	1.8	**380**	0.35	<0.25	**1,200**
BGMW03	BGMW03102023	10/2/2023	0.70	<0.06	1.1	180	**4.1**	<0.25	530
	BGMW03042023	4/18/2023	0.45	0.098 J	0.98	180	**3.6**	<0.25	490
	BGMW03102022	10/4/2022	1.0	<0.06	1.1	190	**4.8**	<0.25	**600**
	BGMW03102022DUP	10/3/2022	0.36	<0.06	0.97	230	**3.6**	<0.25	520
	BGMW03042022	4/11/2022	0.38	<0.06	1.1	**320**	**3.3**	<0.25	510
BGMW11	BGMW11102023	10/4/2023	<0.12	<0.12	1.9	**420**	**1.6**	<0.5	**1,400**
	BGMW11042023	4/19/2023	0.15 J	<0.12	1.8	**390**	**1.6**	<0.50	**1,400**
	BGMW11102022	10/13/2022	0.071 J	<0.12	1.4	**470**	1.3	<0.25	**1,400**
	BGMW11042022	4/15/2022	<0.06	<0.06	2.3	**600**	1.4	<0.25	**2,000**
BGMW12	BGMW12102023	10/2/2023	0.071 J	<0.06	0.65	91	**1.7**	<0.25	480
	BGMW12042023	4/17/2023	<0.06	<0.06	0.53	85	**1.7**	<0.25	500
	BGMW12102022	10/3/2022	<0.06	<0.06	0.52	93	**1.8**	<0.25	510
	BGMW12042022	4/11/2022	0.080 J	<0.06	0.52	96	**1.9**	<0.25	510
BGMW13D	BGMW13D102023	10/10/2023	<0.12	<0.12	0.70 J	80	1.0	0.61 J	64
	BGMW13D102023FDUP08	10/10/2023	<0.06	<0.06	0.45 J	76	1.0	0.46 J	66
	BGMW13D042023	4/25/2023	0.072 J	<0.06	0.42 J	88	1.1	0.29 J	60
	BGMW13D102022	10/12/2022	<0.06	<0.06	0.38 J	87	1.1	0.38 J	69
	BGMW13D042022	4/21/2022	<0.06	<0.06	0.46 J	98	1.2	0.47 J	62
	BGMW13D042022DUP	4/21/2022	<0.06	<0.06	0.45 J	91	1.2	0.53	67
BGMW13S	BGMW13S102023	10/10/2023	<0.06	<0.06	1.1	200	**2.1**	1.2	60
	BGMW13S042023	4/25/2023	<0.06	<0.12	0.51	120	1.1	0.58	32
	BGMW13S102022	10/12/2022	<0.06	<0.06	0.45 J	110	1.0	0.51	42
	BGMW13S102022DUP	10/12/2022	<0.06	<0.06	0.45 J	150	1.1	0.52	39
	BGMW13S042022	4/21/2022	<0.06	<0.06	0.53	130	1.1	0.61	51
FW31	FW31102023	10/9/2023	<0.06	<0.06	<0.25	6.5	**3.2**	<0.25	**630**
	FW31042023	4/26/2023	0.088 J	<0.06	0.19 J	6.7	**3.2**	<0.25	**670**
	FW31102022	10/10/2022	<0.06	<0.06	0.21 J	6.6	**3.3**	<0.25	**730**
	FW31042022	4/18/2022	<0.06	<0.06	<0.25	7.4	**3.6**	<0.25	**710**
MW01	MW01102023	10/3/2023	3.2	<0.3	1.4 J	49	0.90	<1.2	**820**
	MW01042023	4/18/2023	3.7	<0.06	0.38 J	50	0.77	<0.25	**910**
	MW01102022	10/4/2022	3.6	<0.06	0.33 J	50	0.75	<0.25	**900**
	MW01042022	4/12/2022	3.8	<0.06	0.43 J	53	0.86	0.22 J	**970**
MW02	MW02102023	10/3/2023	1.0	<0.06	0.40 J	36	0.39	0.20 J	**690**
	MW02042023	4/18/2023	0.90	<0.06	0.33 J	37	0.39	<0.25	**740**
	MW02102022	10/4/2022	0.74	<0.06	0.32 J	38	0.38	<0.25	**700**
	MW02042022	4/12/2022	1.3	<0.06	0.38 J	37	0.37	<0.25	**770**
MW03	MW03102023	10/5/2023	**13**	<0.12	0.92 J	**350**	0.47	<0.5	**1,400**
	MW03042023	4/20/2023	8.4	<0.12	0.68	**370**	0.45	<0.25	**1,400**
	MW03102022	10/6/2022	5.3	<0.06	0.36 J	**270**	0.30	<0.25	**1,500**
	MW03102022DUP	10/6/2022	5.3	<0.06	0.51	**280**	0.46	<0.25	**1,400**
	MW03042022	4/14/2022	6.2	<0.06	0.64	**370**	0.48	<0.25	**1,400**
	MW03042022DUP	4/14/2022	6.2	<0.06	0.62	**300**	0.47	<0.25	**1,300**
MW18D	MW18D102023	10/11/2023	<0.6	<0.6	3.6 J	**690**	0.94 J	<2.5	**2,000**
	MW18D042023	4/26/2023	<0.30	<0.30	2.3 J	**810**	0.72	<1.2	**2,200**
	MW18D102022	10/12/2022	0.047 J	<0.06	1.1	**680**	0.21	<0.25	**2,300**
	MW18D042022	4/20/2022	<0.60	<0.60	3.5 J	**860**	0.58 J	2.4 J	**2,400**

TABLE B-1: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
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Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
MW20	MW20102023	10/11/2023	**18**	<0.6	3.4	**1,100**	0.50	<1.2	**3,400**
	MW20042023	4/26/2023	**18**	0.47 J	3.4	**1,300**	0.52	<1.2	**3,600**
	MW20102022	10/12/2022	**14**	**61**	2.0	**1,500**	0.033 J	3.1 J	**3,900**
	MW20042022	4/20/2022	4.4	<1.2	7.6 J	**3,200**	<1.0	<5.0	**2,700**
MW22D	MW22D102023	10/12/2023	**18**	<0.12	1.1	220	0.48	<0.5	**1,200**
	MW22D042023	4/27/2023	**19**	<0.12	1.0	240	0.48	<0.50	**1,300**
	MW22D102022	10/13/2022	**14**	<0.06	0.71	**280**	0.42	2.0	**1,300**
	MW22D042022	4/21/2022	**18**	<0.06	0.82	**260**	0.47	<0.25	**1,300**
MW23	MW23102023	10/2/2023	0.13 J	<0.12	0.99 J	82	0.77	0.43 J	12
	MW23042023	4/24/2023	0.076 J	<0.06	0.68	80	0.71	0.17 J	9.8
	MW23102022	10/3/2022	<0.12	<0.12	0.88 J	85	0.79	0.52 J	4.8
	MW23042022	4/11/2022	0.062 J	<0.06	0.75	100	0.92	0.66	3.9
MW24	MW24102023	10/3/2023	<0.12	<0.12	0.76 J	94	1.0	0.57 J	3.1
	MW24042023	4/18/2023	<0.06	<0.06	0.48 J	110	1.0	0.34 J	1.6
	MW24102022	10/13/2022	<0.06	<0.06	0.44 J	110	1.0	0.29 J	2.6
	MW24042022	4/12/2022	0.048 J	<0.06	0.55	120	1.2	0.39 J	3.5
	MW24042022DUP	4/12/2022	0.046 J	<0.06	0.54	160	1.1	0.45 J	2.8
MW25	MW25102023	10/11/2023	**51**	<0.12	1.4	**300**	0.35	<0.5	**1,600**
	MW25102023	10/6/2023	**54**	<0.12	1.4	**310**	0.35	<0.5	**1,700**
	MW25042023	4/21/2023	**55**	<0.12	1.3	**300**	0.37	<0.50	**1,700**
	MW25102022	10/11/2022	**42**	<0.06	0.90	**350**	0.25	<0.25	**1,800**
	MW25042022	4/13/2022	**51**	<0.06	1.4	**430**	0.35	<0.25	**2,000**
MW26	MW26102023	10/9/2023	2.0	<0.12	1.4	**330**	0.62	<0.5	**1,100**
	MW26042023	4/24/2023	1.9	<0.12	1.2	**340**	0.59	<0.25	**1,100**
	MW26102022	10/10/2022	1.2	<0.06	0.89	**350**	0.52	0.18 J	**1,300**
	MW26042022	4/18/2022	1.8	<0.12	1.3	**490**	0.65	<0.25	**1,500**
MW27	MW27102023	10/9/2023	**37**	<0.12	1.0	110	0.60	<0.5	**980**
	MW27042023	4/24/2023	**36**	<0.06	0.75	120	0.55	<0.25	**950**
	MW27102022	10/7/2022	**28**	<0.06	0.61	130	0.54	<0.25	**1,000**
	MW27042022	4/20/2022	**35**	<0.06	0.70	170	0.57	<0.25	**1,100**
MW28	MW28102023	10/6/2023	8.9	<0.12	0.78 J	140	0.55	<0.5	**1,300**
	MW28042023	4/18/2023	9.1	<0.06	0.50 J	150	0.54	<0.25	**1,300**
	MW28102022	10/4/2022	7.0	<0.06	0.40 J	150	0.51	<0.25	**1,300**
	MW28042022	4/13/2022	9.7	<0.06	0.56	210	0.59	<0.25	**1,400**
MW29	MW29102023	10/6/2023	7.4	<0.12	0.94 J	180	0.73	<0.5	**730**
	MW29042023	4/21/2023	6.3	<0.12	0.70	210	0.78	<0.25	**790**
	MW29102022	10/5/2022	4.7	<0.06	0.82	220	0.73	<0.25	**900**
	MW29042022	4/14/2022	6.3	<0.06	0.76	200	0.79	<0.25	**760**
MW30	MW30102023	10/9/2023	0.12 J	<0.12	1.2	**270**	0.90	0.42 J	420
	MW30042023	4/26/2023	0.061 J	<0.12	0.92	**290**	0.90	0.13 J	480
	MW30102022	10/7/2022	0.046 J	<0.30	0.75	**310**	0.87	0.19 J	520
	MW30042022	4/20/2022	0.051 J	<0.12	1.3	**280**	0.98	<0.25	470
MW31	MW31102023	10/9/2023	**16**	<0.3	2.7	**710**	0.57	<1.2	**2,400**
	MW31042023	4/26/2023	**15**	<0.12	2.0	**700**	0.46	<0.50	**2,400**
	MW31102022	10/7/2022	9.4	<1.2	1.4	**820**	0.30	<0.25	**2,500**
	MW31042022	4/21/2022	**13**	<0.30	1.7	**740**	0.43	<0.25	**2,500**
MW32	MW32102023	10/2/2023	**69**	<0.12	1.4	**260**	0.43	<0.5	**1,700**
	MW32042023	4/20/2023	**71**	<0.12	1.2	**270**	0.35	<0.25	**1,800**
	MW32102022	10/3/2022	**55**	<0.06	0.85	**260**	0.34	<0.25	**1,800**
	MW32042022	4/11/2022	**67**	<0.06	1.2	**350**	0.31	<0.25	**2,000**
MW33	MW33102023	10/9/2023	<0.3	<0.3	2.2 J	220	1.2	<1.2	**640**
	MW33042023	4/24/2023	<0.12	<0.12	1.4	220	1.1	<0.50	**650**
	MW33102022	10/10/2022	<0.06	<0.06	1.3	**270**	1.2	<0.25	**700**
	MW33042022	4/18/2022	<0.30	<0.30	2.1 J	**250**	1.2	<1.3	**690**

TABLE B-1: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
MW34	MW34102023	10/9/2023	**10**	<0.12	2.0	**410**	0.71	<0.5	**2,000**
	MW34042023	4/24/2023	**10**	<0.12	1.8	**430**	0.69	<0.50	**2,000**
	MW34102022	10/10/2022	6.7	<0.06	1.3	**460**	0.45	0.18 J	**2,300**
	MW34042022	4/18/2022	9.6	<0.60	1.8	**450**	0.70	<0.25	**2,300**
MW35	MW35102023	10/9/2023	0.13 J	<0.12	0.99 J	**300**	0.26	<0.5	**960**
	MW35042023	4/24/2023	0.10 J	<0.06	0.72	**310**	0.21	<0.25	**1,100**
	MW35102022	10/11/2022	<0.06	<0.06	0.58	**320**	0.20	<0.25	**1,000**
	MW35102022DUP	10/11/2022	<0.06	<0.06	0.58	**300**	0.19	<0.25	**1,000**
	MW35042022	4/20/2022	<0.06	<0.06	0.79	**320**	0.19	<0.25	**1,100**
	MW35042022DUP	4/20/2022	<0.06	<0.06	0.79	**320**	0.19	<0.25	**1,000**
MW36D	MW36D102023	10/5/2023	<0.12	<0.12	1.2	96	0.84	0.79 J	35
	MW36D042023	4/24/2023	0.066 J	<0.12	0.89	96	0.80	0.64	34
	MW36D102022	10/14/2022	<0.06	<0.30	0.74	110	0.77	0.48 J	31
	MW36D042022	4/18/2022	0.074 J	<0.06	0.95	110	0.87	0.62	38
	MW36D042022DUP	4/18/2022	0.071 J	<0.06	0.93	110	0.86	0.68	39
MW36S	MW36S102023	10/5/2023	0.37	<0.12	2.1	**490**	0.41	0.40 J	**4,000**
	MW36S042023	4/24/2023	0.18 J	<0.30	2.1	**490**	0.41	<0.50	**4,000**
	MW36S102022	10/14/2022	0.068 J	<0.30	1.2	**540**	0.16	0.19 J	**4,700**
	MW36S042022	4/18/2022	0.081 J	<0.30	2.1	**580**	0.35	<0.25	**4,800**
MW37	MW37102023	10/11/2023	<0.12	<0.12	0.89 J	170	1.3	<0.5	420
	MW37042023	4/25/2023	0.063 J	<0.12	0.65	180	1.4	<0.25	440
	MW37102022	10/10/2022	<0.06	<0.06	0.62	160	1.4	<0.25	430
	MW37102022DUP	10/10/2022	0.040 J	<0.06	0.53	190	1.4	<0.25	490
	MW37042022	4/20/2022	0.046 J	<0.06	0.67	180	1.5	<0.25	460
MW38	MW38102023	10/9/2023	<0.12	<0.12	1.2	**250**	0.77	<0.5	550
	MW38042023	4/27/2023	0.072 J	<0.06	0.89	**250**	0.73	<0.25	580
	MW38102022	10/10/2022	<0.06	<0.06	0.88	**270**	0.73	<0.25	**630**
	MW38042022	4/22/2022	<0.06	<0.06	0.96	**270**	0.79	<0.25	**650**
MW39	MW39102023	10/9/2023	<0.6	<0.6	3.5 J	**610**	**1.8**	<2.5	**1,800**
	MW39042023	4/27/2023	<0.30	<0.30	2.2 J	**670**	**1.6**	<1.2	**2,000**
	MW39102022	10/13/2022	<0.12	<0.12	1.2	**640**	1.5	<0.50	**1,800**
	MW39042022	4/22/2022	<0.60	<0.60	3.4 J	**700**	**1.7**	<0.25	**1,900**
SMW01	SMW01102023	10/4/2023	<0.6	<0.6	<2.5	**650**	**1.7**	<2.5	**710**
	SMW01042023	4/19/2023	0.45 J	<0.30	1.1 J	**660**	1.5	<1.2	**730**
	SMW01042023DUP	4/19/2023	<0.30	<0.30	1.1 J	**670**	1.5	<1.2	**750**
	SMW01102022	10/4/2022	<0.30	<0.30	1.2 J	**650**	1.4	<1.3	**730**
	SMW01042022	4/12/2022	0.24 J	<0.30	1.3 J	**730**	1.3	<1.3	**860**
TMW01	TMW01102023	10/6/2023	**10**	<0.06	1.8	230	0.42	<0.25	**850**
	TMW01042023	4/20/2023	**10**	<0.06	1.9	200	0.45	<0.25	**920**
	TMW01102022	10/6/2022	6.9	<1.2	1.5	220	0.45	<0.25	**970**
	TMW01042022	4/15/2022	9.7	<0.06	1.8	**260**	0.47	<0.25	**1,000**
TMW02	TMW02102023	10/6/2023	**78**	<0.12	2.0	**290**	0.32	<0.5	**1,200**
	TMW02102023FDUP05	10/6/2023	**76**	<0.12	2.0	**260**	0.33	<0.5	**1,100**
	TMW02042023	4/21/2023	**81**	<0.12	2.0	**270**	0.34	<0.50	**1,200**
	TMW02042023DUP	4/21/2023	**83**	<0.12	2.0	**280**	0.34	<0.50	**1,200**
	TMW02102022	10/7/2022	**60**	<0.06	1.3	**290**	0.28	<0.25	**1,200**
	TMW02102022DUP	10/7/2022	**60**	<0.06	1.3	**320**	0.28	<0.25	**1,300**
	TMW02042022	4/15/2022	**83**	<0.30	1.6	**300**	0.30	<0.25	**1,300**
	TMW02042022DUP	4/15/2022	**79**	<0.30	1.6	**310**	0.30	<0.25	**1,300**
TMW03	TMW03102023	10/10/2023	**130**	<0.12	1.2	160	0.97	<0.5	**970**
	TMW03102023FDUP06	10/10/2023	**120**	<0.12	1.1	170	0.96	<0.5	**960**
	TMW03042023	4/24/2023	**130**	0.084 J	0.49 J	170	0.98	<0.25	**980**
	TMW03042023DUP	4/24/2023	**130**	0.084 J	0.49 J	170	0.99	<0.25	**1,000**
	TMW03102022	10/10/2022	**110**	<0.06	0.52	**260**	0.96	<0.25	**1,200**
	TMW03042022	4/19/2022	**130**	<0.06	0.81	190	1.1	<0.25	**1,100**

TABLE B-1: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
TMW04	TMW04102023	10/4/2023	**40**	<0.3	1.9 J	160	1.3	<1.2	**1,000**
	TMW04042023	4/21/2023	**42**	<0.30	1.6 J	170	1.3	<1.2	**1,100**
	TMW04102022	10/7/2022	**33**	<0.06	0.76	190	1.2	<0.25	**1,100**
	TMW04042022	4/15/2022	**43**	<0.06	0.87	220	1.4	<0.25	**1,200**
TMW06	TMW06102023	10/11/2023	**12**	<0.12	0.90 J	110	0.91	<0.5	**790**
	TMW06042023	4/26/2023	**13**	<0.06	0.65	120	0.94	<0.25	**860**
	TMW06102022	10/12/2022	8.7	<0.06	0.53	120	0.88	2.4	**960**
	TMW06042022	4/20/2022	**11**	<0.06	0.65	130	1.0	<0.25	**880**
TMW07	TMW07102023	10/6/2023	0.18 J	<0.12	0.79 J	170	0.53	<0.5	**1,700**
	TMW07042023	4/21/2023	0.19 J	<0.12	0.70 J	180	0.56	<0.50	**1,900**
	TMW07102022	10/5/2022	0.068 J	<0.06	0.49 J	190	0.53	<0.25	**1,900**
	TMW07042022	4/15/2022	0.046 J	<0.06	0.63	200	0.65	<0.25	**1,900**
TMW08	TMW08102023	10/5/2023	6.1	<0.3	3.6	**1,500**	0.88	<1.2	**7,100**
	TMW08042023	4/19/2023	5.5	0.63	3.3	**1,600**	0.73	<1.2	**8,900**
	TMW08102022	10/5/2022	4.8	<0.30	3.6	**1,700**	0.76	<1.3	**9,000**
	TMW08042022	4/14/2022	4.6	0.58 J	5.9	**1,700**	0.51 J	<0.25	**9,000**
TMW10	TMW10102023	10/5/2023	<0.12	<0.12	1.5	**590**	0.87	<0.5	**1,400**
	TMW10102023FDUP04	10/5/2023	<0.12	<0.12	1.5	**600**	0.88	<0.5	**1,500**
	TMW10042023	4/20/2023	0.16 J	<0.12	1.4	**670**	0.88	<0.50	**1,700**
	TMW10042023DUP	4/20/2023	0.15 J	<0.12	1.4	**620**	0.87	<0.50	**1,700**
	TMW10102022	10/6/2022	<0.06	<0.30	1.1	**660**	0.81	<0.25	**1,600**
	TMW10042022	4/14/2022	<0.06	<0.30	1.3	**710**	0.92	0.29 J	**1,700**
TMW13	TMW13102023	10/11/2023	3.7	<0.06	0.79	74	**1.6**	<0.25	310
	TMW13102023FDUP09	10/11/2023	3.7	<0.06	0.79	75	**1.6**	<0.25	310
	TMW13042023	4/26/2023	4.1	<0.06	0.77	79	**1.7**	<0.25	330
	TMW13102022	10/11/2022	2.8	<0.06	0.61	90	**1.6**	0.61	360
	TMW13102022DUP	10/11/2022	2.8	<0.06	0.61	84	**1.6**	0.61	340
	TMW13042022	4/20/2022	4.0	<0.06	0.77	87	**1.8**	<0.25	350
	TMW13042022DUP	4/20/2022	4.0	<0.06	0.77	89	**1.8**	<0.25	360
TMW15	TMW15102023	10/11/2023	1.6	<0.06	0.70	70	**1.8**	<0.25	240
	TMW15042023	4/26/2023	1.8	<0.06	0.68	64	**1.9**	<0.25	240
	TMW15042023DUP	4/26/2023	1.8	<0.06	0.68	63	**1.9**	<0.25	230
	TMW15102022	10/11/2022	0.89	<0.06	0.56	72	**1.9**	0.35 J	260
	TMW15042022	4/20/2022	1.7	<0.30	1.1	68	**2.1**	<0.25	240
TMW21	TMW21102023	10/12/2023	**11**	0.075 J	0.69	61	0.92	<0.25	520
	TMW21102023FDUP10	10/12/2023	**11**	0.67 J	0.69	62	0.92	<0.25	520
	TMW21042023	4/27/2023	**12**	<0.06	0.66	66	0.96	<0.25	530
	TMW21102022	10/14/2022	8.6	<0.06	0.53	70	0.92	0.65	590
	TMW21042022	4/21/2022	**10**	<0.06	0.62	71	1.0	<0.25	**610**
TMW22	TMW22102023	10/6/2023	**14**	<0.12	1.0 J	140	0.94	<0.5	**820**
	TMW22042023	4/21/2023	**14**	<0.12	0.90 J	150	0.96	<0.50	**820**
	TMW22102022	10/6/2022	**10**	<0.06	0.62	160	0.98	<0.25	**850**
	TMW22042022	4/15/2022	**13**	<0.06	0.75	180	1.1	<0.25	**910**
TMW23	TMW23102023	10/6/2023	**32**	<0.12	0.89 J	170	0.72	<0.5	**960**
	TMW23042023	4/21/2023	**19**	<0.06	0.63	95	0.76	<0.25	560
	TMW23102022	10/7/2022	**13**	<0.06	0.50 J	120	0.69	<0.25	**650**
	TMW23042022	4/15/2022	**18**	<0.06	0.63	99	0.81	<0.25	**630**
TMW24	TMW24102023	10/9/2023	<0.12	<0.12	1.8	**440**	0.88	<0.5	530
	TMW24042023	4/24/2023	<0.12	<0.30	1.7	**440**	0.86	<0.50	570
	TMW24102022	10/13/2022	0.044 J	<0.06	1.3	**470**	0.79	<0.25	**630**
	TMW24042022	4/19/2022	<0.06	<0.12	1.6	**630**	0.90	<0.25	**680**
TMW25	TMW25102023	10/6/2023	0.34	<0.12	1.2	160	0.67	<0.5	**830**
	TMW25042023	4/27/2023	0.30	<0.06	0.92	180	0.63	<0.25	**870**
	TMW25102022	10/12/2022	0.18	<0.06	0.79	210	0.59	0.19 J	**940**
	TMW25042022	4/21/2022	0.13	<0.06	1.0	190	0.68	0.21 J	**940**

TABLE B-1: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
TMW26	TMW26102023	10/4/2023	<0.3	<0.3	2.0 J	**250**	**1.9**	<1.2	**660**
	TMW26042023	4/19/2023	0.064 J	<0.06	1.1	**260**	**2.0**	<0.25	**680**
	TMW26102022	10/4/2022	<0.06	<0.06	1.2	**260**	**2.0**	<0.25	**710**
	TMW26042022	4/13/2022	0.055 J	<0.06	1.2	**270**	**2.2**	<0.25	**750**
TMW28	TMW28102023	10/10/2023	0.19	<0.06	0.65	98	0.61	0.38 J	530
	TMW28042023	4/24/2023	<0.06	<0.06	1.1	230	0.43	0.14 J	**1,100**
	TMW28102022	10/7/2022	<0.06	<0.06	0.42 J	87	0.64	0.25 J	430
	TMW28042022	4/18/2022	<0.06	<0.06	0.57	90	0.64	0.32 J	550
TMW29	TMW29102023	10/6/2023	4.4	<0.06	0.75	64	1.2	0.20 J	360
	TMW29042023	4/21/2023	4.4	<0.06	0.72	68	1.2	<0.25	350
	TMW29102022	10/6/2022	2.9	<0.06	0.61	71	1.2	<0.25	370
	TMW29042022	4/15/2022	4.0	<0.06	0.76	77	1.4	<0.25	400
TMW31S	TMW31S102023	10/5/2023	7.4	<0.06	1.6	180	0.38	<0.25	**810**
	TMW31S042023	4/19/2023	8.0	<0.06	1.6	180	0.39	<0.25	**890**
	TMW31S102022	10/6/2022	5.7	<0.06	1.3	180	0.38	<0.25	**1,000**
	TMW31S042022	4/14/2022	6.4	<0.06	1.7	200	0.37	<0.25	**950**
TMW33	TMW33102023	10/6/2023	<0.12	<0.12	2.2	**870**	0.60	<0.5	**2,900**
	TMW33042023	4/21/2023	<0.30	<0.60	2.9	**890**	0.64	<1.2	**3,100**
	TMW33102022	10/7/2022	<0.06	<0.30	1.9	**930**	0.20	<0.25	**3,400**
	TMW33042022	4/15/2022	0.076 J	<0.06	2.4	**950**	0.45	<0.25	**3,300**
TMW34	TMW34102023	10/10/2023	**63**	<0.12	1.3	190	0.41	<0.5	**1,500**
	TMW34102023FDUP07	10/10/2023	**66**	<0.12	1.2	200	0.38	<0.5	**1,500**
	TMW34042023	4/26/2023	**71**	0.14 J	1.3	220	0.41	<0.50	**1,600**
	TMW34102022	10/11/2022	**56**	<0.06	0.85	220	0.24	<0.25	**1,600**
	TMW34102022DUP	10/11/2022	**52**	<0.06	0.86	**270**	0.25	<0.25	**1,700**
	TMW34042022	4/19/2022	**68**	<0.12	0.98	**260**	0.37	<0.25	**1,800**
	TMW34042022DUP	4/19/2022	**66**	<0.12	1.0	230	0.38	<0.25	**1,700**
TMW35	TMW35102023	10/11/2023	5.4	<0.12	0.85 J	240	0.67	<0.5	**1,100**
	TMW35042023	4/26/2023	6.1	<0.06	0.61	**270**	0.66	<0.25	**1,200**
	TMW35102022	10/11/2022	2.8	<0.06	0.51	**310**	0.54	0.85	**1,500**
	TMW35042022	4/20/2022	6.4	<0.06	0.64	**290**	0.67	<0.25	**1,300**
TMW39S	TMW39S102023	10/6/2023	8.9	<0.06	1.8	190	0.50	<0.25	**1,000**
	TMW39S042023	4/20/2023	9.1	<0.06	2.1	240	0.56	<0.25	**1,200**
	TMW39S102022	10/7/2022	6.4	<0.06	1.6	240	0.54	<0.25	**1,300**
	TMW39S042022	4/13/2022	9.4	<0.06	2.1	**440**	0.56	<0.25	**1,600**
TMW41	TMW41102023	10/6/2023	5.2	<0.12	1.8	**260**	0.70	<0.5	**920**
	TMW41042023	4/21/2023	5.3	<0.06	1.7	**250**	0.71	<0.25	**930**
	TMW41102022	10/7/2022	3.4	<0.60	1.3	**280**	0.69	<0.25	**1,200**
	TMW41042022	4/15/2022	4.9	<0.06	1.7	**260**	0.78	<0.25	**950**
TMW43	TMW43102023	10/10/2023	6.7	<0.06	0.67	60	1.2	<0.25	390
	TMW43042023	4/25/2023	7.2	<0.06	0.67	65	1.3	<0.25	420
	TMW43042023DUP	4/25/2023	7.2	<0.06	0.68	63	1.3	<0.25	420
	TMW43102022	10/11/2022	4.7	<0.06	0.54	73	1.3	0.90	440
	TMW43042022	4/19/2022	5.2	<0.06	0.68	71	1.4	<0.25	450
TMW44	TMW44102023	10/2/2023	**53**	<0.12	0.95 J	110	1.0	<0.5	**710**
	TMW44042023	4/18/2023	**52**	0.076 J	0.67	110	0.96	<0.25	**700**
	TMW44102022	10/4/2022	**47**	<0.06	0.54	110	0.99	<0.25	**730**
	TMW44042022	4/12/2022	**53**	<0.06	0.73	110	1.1	<0.25	**780**
TMW45	TMW45102023	10/11/2023	1.6	<0.3	1.6 J	180	0.83	<1.2	500
	TMW45042023	4/25/2023	1.9	<0.12	0.60	180	0.73	<0.25	540
	TMW45102022	10/12/2022	1.1	<0.06	0.48 J	180	0.65	0.27 J	530
	TMW45042022	4/19/2022	1.6	<0.06	0.62	230	0.74	<0.25	**630**

TABLE B-1: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
TMW46	TMW46102023	10/2/2023	**79**	<0.12	1.4	240	0.38	<0.5	**1,800**
	TMW46042023	4/18/2023	**77**	<0.12	1.3	240	0.36	<0.50	**1,800**
	TMW46102022	10/4/2022	**70**	<0.06	1.3	230	0.30	<0.25	**1,700**
	TMW46102022DUP	10/4/2022	**74**	<0.06	1.3	**260**	0.30	<0.25	**1,800**
	TMW46042022	4/12/2022	**77**	<0.06	1.2	**380**	0.32	<0.25	**1,900**
TMW47	TMW47102023	10/12/2023	<0.06	<0.06	0.46 J	66	**1.8**	<0.25	**760**
	TMW47042023	4/27/2023	0.070 J	<0.06	0.38 J	68	**1.9**	<0.25	**790**
	TMW47102022	10/13/2022	<0.06	<0.06	0.36 J	88	**2.0**	0.21 J	**840**
	TMW47042022	4/21/2022	<0.06	<0.06	0.45 J	92	**2.2**	<0.25	**810**
TMW57	TMW57102023	10/9/2023	1.2	<0.06	0.74	63	**2.2**	<0.25	210
	TMW57042023	4/24/2023	1.2	<0.06	0.67	62	**2.1**	<0.25	230
	TMW57102022	10/10/2022	0.81	<0.06	0.54	62	**2.2**	0.28 J	220
	TMW57042022	4/18/2022	1.3	<0.06	0.72	65	**2.4**	<0.25	230
TMW59	TMW59102023	10/9/2023	**43**	<0.12	0.94 J	83	1.0	<0.5	**740**
	TMW59042023	4/24/2023	**42**	0.089 J	0.64	88	0.95	<0.25	**750**
	TMW59102022	10/10/2022	**36**	<0.06	0.53	100	0.97	<0.25	**790**
	TMW59042022	4/18/2022	**37**	<0.06	0.69	97	1.1	<0.25	**820**
TMW61	TMW61102023	10/9/2023	**22**	<0.3	2.3 J	**530**	0.85	<1.2	**1,600**
	TMW61042023	4/24/2023	**21**	<0.30	1.5	**560**	0.71	<0.50	**1,700**
	TMW61102022	10/10/2022	**17**	<0.06	1.0	**600**	0.44	<0.25	**1,800**
	TMW61042022	4/18/2022	**20**	<0.30	1.4	**620**	0.74	<0.25	**1,900**
TMW62	TMW62102023	10/6/2023	**24**	<0.12	0.84 J	67	0.94	<0.5	**650**
	TMW62042023	4/21/2023	**24**	<0.06	0.58	64	0.98	<0.25	**680**
	TMW62102022	10/7/2022	**17**	<0.06	0.47 J	63	0.97	<0.25	**760**
	TMW62042022	4/15/2022	**23**	<0.06	0.56	77	1.1	<0.25	**1,300**
Bedrock Wells									
BGMW07	BGMW07102023	10/3/2023	<0.3	<1.2	7.5	**10,000**	0.64 J	<1.2	**1,200**
	BGMW07042023	4/24/2023	0.35 J	<3.0	7.0	**10,000**	<0.25	<1.2	**2,500**
	BGMW07102022	10/3/2022	<0.60	<1.2	7.0	**11,000**	0.51 J	<2.5	**1,200**
	BGMW07042022	4/11/2022	0.94 J	<1.2	9.4 J	**14,000**	<1.0	<5.0	**1,500**
BGMW08	BGMW08102023	10/2/2023	0.58	<0.6	3.8	**4,800**	0.53	<1.2	**2,400**
	BGMW08042023	4/20/2023	0.65	<0.60	3.9	**4,900**	0.52	<1.2	**2,400**
	BGMW08102022	10/3/2022	<0.60	<0.60	4.4 J	**5,300**	0.61 J	<2.5	**2,600**
	BGMW08042022	4/11/2022	1.2	<0.60	4.9 J	**5,900**	0.35 J	<2.5	**2,700**
BGMW09	BGMW09102023	10/3/2023	2.0	<0.6	2.7 J	**440**	1.1	<2.5	**1,700**
	BGMW09042023	4/17/2023	0.71	<0.06	0.38 J	**480**	0.86	<0.25	**1,800**
	BGMW09102022	10/12/2022	0.77	<0.06	0.31 J	**500**	0.64	0.21 J	**1,800**
	BGMW09042022	4/12/2022	1.3	<0.06	0.41 J	**500**	0.95	<0.25	**1,800**
	BGMW09042022DUP	4/12/2022	1.2	<0.06	0.39 J	**550**	0.95	<0.25	**1,900**
BGMW10	BGMW10102023	10/3/2023	0.077 J	<0.06	0.45 J	69	0.61	<0.25	**850**
	BGMW10102023FDUP02	10/3/2023	0.081 J	<0.06	0.45 J	70	0.63	<0.25	**900**
	BGMW10042023	4/18/2023	0.066 J	<0.06	0.39 J	77	0.63	<0.25	**880**
	BGMW10042023DUP	4/18/2023	0.081 J	<0.06	0.38 J	79	0.63	<0.25	**880**
	BGMW10102022	10/4/2022	<0.06	<0.06	0.42 J	77	0.63	<0.25	**740**
	BGMW10042022	4/12/2022	0.075 J	<0.06	0.49 J	94	0.66	<0.25	**920**
TMW14A	TMW14A102023	10/12/2023	0.062 J	<0.06	0.80	180	0.51	<0.25	350
	TMW14A042023	4/21/2023	<0.06	<0.06	0.80	150	0.54	<0.25	350
	TMW14A102022	10/10/2022	<0.06	<0.06	0.75	180	0.53	<0.25	390
	TMW14A042022	4/18/2022	<0.06	<0.06	0.81	160	0.54	<0.25	350
TMW17	TMW17102023	10/9/2023	<0.06	<0.06	0.57	120	0.79	<0.25	450
	TMW17042023	4/21/2023	<0.06	<0.06	0.53	130	0.83	<0.25	470
	TMW17042023DUP	4/21/2023	<0.06	<0.06	0.53	130	0.84	<0.25	470
	TMW17102022	10/10/2022	<0.06	<0.06	0.47 J	140	0.79	<0.25	510
	TMW17042022	4/18/2022	<0.06	<0.06	0.53	130	0.84	<0.25	480

TABLE B-1: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
TMW18	TMW18102023	10/2/2023	<0.12	<0.12	0.73 J	98	**2.1**	<0.5	**1,000**
	TMW18042023	4/20/2023	0.064 J	<0.06	0.29 J	100	**2.0**	<0.25	**1,200**
	TMW18102022	10/3/2022	0.059 J	<0.06	0.29 J	99	**2.2**	<0.25	**1,200**
	TMW18042022	4/11/2022	0.054 J	<0.06	0.32 J	120	**2.2**	<0.25	**1,000**
TMW30	TMW30102023	10/4/2023	**14**	<0.06	0.85	74	0.42	<0.25	590
	TMW30042023	4/19/2023	**14**	<0.06	0.83	74	0.43	<0.25	580
	TMW30102022	10/5/2022	**10**	<0.06	0.69	78	0.43	<0.25	**670**
	TMW30042022	4/13/2022	**15**	<0.06	0.88	120	0.44	<0.25	**690**
TMW31D	TMW31D102023	10/10/2023	0.67	<0.12	1.1	**590**	0.66	<0.5	**1,100**
	TMW31D042023	4/25/2023	0.51	<0.30	1.1	**650**	0.68	<0.50	**1,300**
	TMW31D102022	10/11/2022	4.1	<0.06	0.80	**290**	0.43	0.71	**1,100**
	TMW31D042022	4/19/2022	9.2	<0.06	1.1	**290**	0.38	<0.25	**1,200**
TMW32	TMW32102023	10/12/2023	1.9	<0.12	1.2	180	0.67	<0.5	**1,000**
	TMW32042023	4/27/2023	1.4	<0.06	0.91	210	0.71	<0.25	**1,100**
	TMW32102022	10/13/2022	1.3	<0.06	0.74	230	0.68	0.26 J	**1,100**
	TMW32042022	4/21/2022	2.1	<0.06	0.92	200	0.67	<0.25	**1,300**
TMW36	TMW36102023	10/2/2023	<0.12	<0.12	0.79 J	120	0.74	<0.5	**920**
	TMW36042023	4/17/2023	0.073 J	<0.06	0.39 J	130	0.68	<0.25	**970**
	TMW36102022	10/3/2022	<0.06	<0.06	0.40 J	170	0.70	<0.25	**990**
	TMW36042022	4/11/2022	<0.06	<0.06	0.45 J	140	0.72	0.28 J	**1,000**
TMW37	TMW37102023	10/3/2023	0.066 J	<0.06	0.56	200	0.91	<0.25	**630**
	TMW37042023	4/18/2023	0.083 J	<0.06	0.50	210	0.94	<0.25	**610**
	TMW37102022	10/4/2022	<0.06	<0.06	0.62	**310**	1.2	<0.25	**960**
	TMW37042022	4/12/2022	<0.06	<0.06	0.61	**290**	1.0	<0.25	**720**
TMW38	TMW38102023	10/12/2023	<0.06	<0.06	0.41 J	**260**	**1.7**	<0.25	**950**
	TMW38042023	4/27/2023	<0.12	<0.12	0.69 J	**460**	1.3	<0.50	**1,300**
	TMW38102022	10/12/2022	<0.06	<0.06	0.36 J	210	**1.8**	<0.25	**930**
	TMW38042022	4/21/2022	<0.06	<0.06	0.49 J	240	**1.9**	<0.25	**1,000**
TMW39D	TMW39D102023	10/9/2023	1.0	<0.12	1.0	**300**	0.69	<0.5	**950**
	TMW39D042023	4/25/2023	0.099 J	<0.12	0.75	**340**	0.78	<0.25	**1,000**
	TMW39D102022	10/14/2022	0.33	<0.30	0.58	**350**	0.67	<0.25	**1,100**
	TMW39D042022	4/22/2022	0.22	<0.06	0.74	**350**	0.81	<0.25	**1,100**
TMW40D	TMW40D102023	10/6/2023	1.5	0.17 J	0.92	130	0.43	<0.25	**980**
	TMW40D042023	4/25/2023	1.5	0.13	0.91	140	0.45	<0.25	**1,000**
	TMW40D102022	10/14/2022	1.2	<0.30	0.69	150	0.41	0.21 J	**1,100**
	TMW40D042022	4/22/2022	1.5	0.077 J	0.87	170	0.43	<0.25	**1,100**
TMW48	TMW48102023	10/6/2023	8.8	0.14 J	1.2	140	0.34	<0.25	**920**
	TMW48042023	4/25/2023	**10**	0.084 J	1.2	150	0.34	<0.25	**990**
	TMW48042023DUP	4/25/2023	**10**	0.089 J	1.2	140	0.34	<0.25	**990**
	TMW48102022	10/14/2022	6.7	<0.06	0.86	170	0.35	0.44 J	**1,200**
	TMW48042022	4/22/2022	9.7	<0.06	1.0	160	0.31	<0.25	**1,000**
TMW49	TMW49102023	10/9/2023	1.5	<0.12	1.2	**360**	0.57	<0.5	**1,300**
	TMW49042023	4/26/2023	1.9	<0.12	0.95	**350**	0.52	<0.25	**1,400**
	TMW49102022	10/13/2022	0.068 J	<0.06	0.46 J	**510**	0.57	<0.25	**1,800**
	TMW49042022	4/22/2022	0.97	<0.06	0.84	**390**	0.58	<0.25	**1,800**
TMW50	TMW50102023	10/4/2023	0.077 J	<0.06	1.1	180	0.43	<0.25	550
	TMW50042023	4/19/2023	0.13	<0.06	1.1	190	0.47	<0.25	520
	TMW50102022	10/5/2022	0.066 J	<0.06	0.92	200	0.48	<0.25	**600**
	TMW50042022	4/13/2022	0.078 J	<0.06	1.1	230	0.48	<0.25	**620**
	TMW50042022DUP	4/13/2022	0.070 J	<0.06	1.1	190	0.47	<0.25	570
TMW51	TMW51102023	10/6/2023	6.9	<0.06	1.0	120	0.39	<0.25	**920**
	TMW51042023	4/21/2023	7.4	<0.12	1.1	150	0.43	<0.50	**990**
	TMW51102022	10/5/2022	5.3	<0.06	0.80	140	0.41	<0.25	**1,000**
	TMW51102022DUP	10/5/2022	5.1	<0.06	0.80	130	0.41	<0.25	**1,100**
	TMW51042022	4/14/2022	7.0	<0.06	1.0	130	0.43	<0.25	**950**

TABLE B-1: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Nitrate	Nitrite	Bromide	Chloride	Fluoride	Phosphate	Sulfate
			mg/L						
SL			10	1	–	250	1.6	–	600
TMW52	TMW52102023	10/11/2023	0.69	<0.06	0.44 J	65	**1.6**	<0.25	400
	TMW52042023	4/25/2023	0.14	<0.06	0.36 J	65	**2.2**	<0.25	450
	TMW52102022	10/10/2022	0.38	<0.06	0.36 J	87	1.3	0.18 J	420
	TMW52042022	4/18/2022	0.14	<0.06	0.43 J	70	**2.0**	<0.25	420
TMW53	TMW53102023	10/9/2023	0.098 J	<0.06	0.42 J	81	**3.0**	0.20 J	230
	TMW53042023	4/24/2023	0.11	<0.06	0.35 J	83	**2.9**	<0.25	230
	TMW53102022	10/10/2022	0.045 J	<0.06	0.32 J	93	**3.0**	<0.25	280
	TMW53042022	4/18/2022	<0.06	<0.06	0.39 J	89	**3.1**	<0.25	250
TMW55	TMW55102023	10/6/2023	0.33	<0.06	0.62	120	0.75	0.21 J	**750**
	TMW55042023	4/21/2023	0.060 J	<0.06	0.59	130	0.70	<0.25	**770**
	TMW55102022	10/7/2022	<0.06	<0.06	0.50	180	0.69	<0.25	**870**
	TMW55042022	4/15/2022	0.045 J	<0.06	0.63	150	0.77	<0.25	**860**
TMW58	TMW58102023	10/4/2023	0.11	<0.06	0.43 J	110	1.3	<0.25	**810**
	TMW58042023	4/24/2023	0.082 J	<0.06	0.37 J	110	1.3	<0.25	**860**
	TMW58102022	10/4/2022	0.045 J	<0.06	0.41 J	94	1.4	<0.25	**870**
	TMW58042022	4/12/2022	0.070 J	<0.06	0.46 J	120	1.5	<0.25	**980**
TMW63	TMW63102023	10/4/2023	<0.06	<0.06	0.43 J	120	0.57	<0.25	**960**
	TMW63042023	4/19/2023	<0.06	<0.06	0.39 J	130	0.58	<0.25	**980**
	TMW63102022	10/5/2022	<0.06	<0.06	0.41 J	130	0.62	<0.25	**1,100**
	TMW63042022	4/13/2022	<0.06	<0.06	0.55	140	0.61	<0.25	**1,100**
TMW64	TMW64102023	10/11/2023	0.43	<0.06	1.0	120	0.23	<0.25	**820**
	TMW64042023	4/26/2023	0.38	<0.06	0.99	130	0.26	<0.25	**860**
	TMW64102022	10/7/2022	1.8	<0.06	0.81	140	0.23	<0.25	**1,100**
	TMW64042022	4/19/2022	0.45	<0.06	1.0	170	0.22	<0.25	**1,000**

NOTES & ABBREVIATIONS:

mg/L	milligrams per liter
<	less than cited Detection Limit
NA	not analyzed
J	estimated value
–	not established or not applicable
SL	Screening Level
Number	Result exceeds cited (lowest) SL.

TABLE B-2: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Am-DNT	2-Nitrotoluene	3,5-Dinitroaniline	3-Nitrotoluene	4-Am-DNT	4-Nitrotoluene	HMX	Nitrobenzene	Nitroglycerin	PETN	RDX	Tetryl
			µg/L																
SL			590	2	9.8	2.4	0.49	1.9	3.1	7.7	1.7	1.9	43	1,000	1.4	2	170	9.7	39
Alluvial Wells																			
BGMW01	BGMW01102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW01042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW01102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW01042022	4/13/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
BGMW02	BGMW02102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW02042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW02102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW02042022	4/13/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
BGMW03	BGMW03102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW03042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW03102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW03102022DUP	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW03042022	4/11/2022	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.82	<3.0	<0.80	<0.80	<1.5	<0.80	<0.80	<1.7	<1.0	<0.80	<0.80
BGMW11	BGMW11102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW11042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW11102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW11042022	4/15/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	**23.2**	<0.32
BGMW12	BGMW12102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW12042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW12102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW12042022	4/11/2022	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.82	<3.0	<0.80	<0.80	<1.5	<0.80	<0.80	<1.7	<1.0	<0.80	<0.80
BGMW13D	BGMW13D102023	10/10/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW13D102023FDUP08	10/10/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW13D042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW13D102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW13D042022	4/21/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
	BGMW13D042022DUP	4/21/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
BGMW13S	BGMW13S102023	10/10/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW13S042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW13S102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW13S102022DUP	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW13S042022	4/21/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
FW31	FW31102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	FW31042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	FW31102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	FW31042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW01	MW01102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW01042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW01102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW01042022	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW02	MW02102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW02042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW02102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW02042022	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32

TABLE B-2: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Am-DNT	2-Nitrotoluene	3,5-Dinitroaniline	3-Nitrotoluene	4-Am-DNT	4-Nitrotoluene	HMX	Nitrobenzene	Nitroglycerin	PETN	RDX	Tetryl
			µg/L																
SL			590	2	9.8	2.4	0.49	1.9	3.1	7.7	1.7	1.9	43	1,000	1.4	2	170	9.7	39
MW03	MW03102023	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW03042023	4/20/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW03102022	10/6/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW03102022DUP	10/6/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW03042022	4/14/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
	MW03042022DUP	4/14/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW18D	MW18D102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW18D042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW18D102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW18D042022	4/20/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW20	MW20102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW20042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW20102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW20042022	4/20/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW22D	MW22D102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW22D042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW22D102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW22D042022	4/21/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW23	MW23102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW23042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW23102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW23042022	4/11/2022	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.82	<3.0	<0.80	<0.80	<1.5	<0.80	<0.80	<1.7	<1.0	<0.80	<0.80
MW24	MW24102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW24042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW24102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW24042022	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
	MW24042022DUP	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW25	MW25102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW25042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW25102022	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW25042022	4/13/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW26	MW26102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW26042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW26102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW26042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW27	MW27102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW27042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW27102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW27042022	4/20/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW28	MW28102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW28042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW28102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW28042022	4/13/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32

TABLE B-2: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Am-DNT	2-Nitrotoluene	3,5-Dinitroaniline	3-Nitrotoluene	4-Am-DNT	4-Nitrotoluene	HMX	Nitrobenzene	Nitroglycerin	PETN	RDX	Tetryl
			µg/L																
SL			590	2	9.8	2.4	0.49	1.9	3.1	7.7	1.7	1.9	43	1,000	1.4	2	170	9.7	39
MW29	MW29102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW29042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW29102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW29042022	4/14/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW30	MW30102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW30042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW30102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW30042022	4/20/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW31	MW31102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW31042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW31102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW31042022	4/21/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW32	MW32102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW32042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW32102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW32042022	4/11/2022	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.82	<3.0	<0.80	<0.80	<1.5	<0.80	<0.80	<1.7	<1.0	<0.80	<0.80
MW33	MW33102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW33042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW33102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW33042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW34	MW34102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW34042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW34102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW34042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW35	MW35102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW35042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW35102022	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW35102022DUP	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW35042022	4/20/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
	MW35042022DUP	4/20/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW36D	MW36D102023	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW36D042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW36D102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW36D042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
	MW36D042022DUP	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW36S	MW36S102023	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW36S042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW36S102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW36S042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW37	MW37102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW37042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW37102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW37102022DUP	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW37042022	4/20/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32

TABLE B-2: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Am-DNT	2-Nitrotoluene	3,5-Dinitroaniline	3-Nitrotoluene	4-Am-DNT	4-Nitrotoluene	HMX	Nitrobenzene	Nitroglycerin	PETN	RDX	Tetryl
			µg/L																
SL			590	2	9.8	2.4	0.49	1.9	3.1	7.7	1.7	1.9	43	1,000	1.4	2	170	9.7	39
MW38	MW38102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW38042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW38102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW38042022	4/22/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
MW39	MW39102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW39042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW39102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	MW39042022	4/22/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
SMW01	SMW01102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.13 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	SMW01042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	SMW01042023DUP	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	SMW01102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	SMW01042022	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW01	TMW01102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.29 J	<62	<62	<0.20	<0.20
	TMW01042023	4/20/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW01102022	10/6/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW01042022	4/15/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW02	TMW02102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.19 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02102023FDUP05	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.12 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.24 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02042023DUP	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.24 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.21 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02102022DUP	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.19 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02042022	4/15/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
	TMW02042022DUP	4/15/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW03	TMW03102023	10/10/2023	0.34 J	<10	<10	0.31 J	<10	0.58 J	<10	5.1	<10	0.80 J	<10	5.1	<10	<62	<62	**290**	<10
	TMW03102023FDUP06	10/10/2023	0.33 J	<10	<10	0.35 J	<10	0.50 J	<10	5.5	<10	0.75 J	<10	4.6	<10	<62	<62	**280**	<10
	TMW03042023	4/24/2023	<20	<20	<20	<20	<20	<20	<20	5.4	<20	<20	<20	<20	<20	<62	<62	**330**	<20
	TMW03042023DUP	4/24/2023	<20	<20	<20	<20	<20	<20	<20	5.0	<20	<20	<20	<20	<20	<62	<62	**320**	<20
	TMW03102022	10/10/2022	<0.20	<0.20	<0.20	0.34 J	<0.20	0.58 J	<0.20	5.5	<0.20	0.92 J	<0.20	5.6	<0.20	<62	<62	**370**	<0.20
	TMW03042022	4/19/2022	0.70	<0.32	<0.32	0.30 J	<0.32	0.46 J	<0.32	5.4	<0.32	0.55	<0.60	5.3	<0.32	<0.66	<0.40	**304**	<0.32
TMW04	TMW04102023	10/4/2023	1.1	0.12 J	<0.20	<0.20	<0.20	0.85 J	<0.20	0.53	<0.20	0.83 J	<0.20	<0.20	<0.20	<62	<62	1.0	<0.20
	TMW04042023	4/21/2023	1.5	<0.20	<0.20	<0.20	<0.20	0.90 J	<0.20	0.45	<0.20	0.76 J	<0.20	<0.20	<0.20	<62	<62	1.8	<0.20
	TMW04102022	10/7/2022	1.5	<0.20	<0.20	<0.20	<0.20	1.0	<0.20	0.51	<0.20	1.0 J	<0.20	<0.20	<0.20	<62	<62	1.7	<0.20
	TMW04042022	4/15/2022	2.1	<0.32	<0.32	<0.32	<0.32	0.80	0.18 J	0.85 J	<0.32	0.95	<0.60	<0.32	<0.32	<0.66	<0.40	1.7	<0.32
TMW06	TMW06102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW06042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW06102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW06042022	4/20/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW07	TMW07102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW07042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW07102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW07042022	4/15/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32

TABLE B-2: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Am-DNT	2-Nitrotoluene	3,5-Dinitroaniline	3-Nitrotoluene	4-Am-DNT	4-Nitrotoluene	HMX	Nitrobenzene	Nitroglycerin	PETN	RDX	Tetryl
			µg/L																
SL			590	2	9.8	2.4	0.49	1.9	3.1	7.7	1.7	1.9	43	1,000	1.4	2	170	9.7	39
TMW10	TMW10102023	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW10102023FDUP04	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW10042023	4/20/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW10042023DUP	4/20/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW10102022	10/6/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW10042022	4/14/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW15	TMW15102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW15042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW15042023DUP	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW15102022	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW15042022	4/20/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW21	TMW21102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW21102023FDUP10	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW21042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW21102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW21042022	4/21/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW22	TMW22102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW22042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW22102022	10/6/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW22042022	4/15/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW23	TMW23102023	10/6/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<62	<62	**46**	<1.0
	TMW23042023	4/21/2023	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0	<2.0	<2.0	<62	<62	**47**	<2.0
	TMW23102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	**51**	<0.20
	TMW23042022	4/15/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	**60.1**	<0.32
TMW24	TMW24102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW24042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW24102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW24042022	4/19/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW25	TMW25102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW25042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW25102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW25042022	4/21/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW26	TMW26102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW26042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW26102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW26042022	4/13/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW29	TMW29102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW29042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW29102022	10/6/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW29042022	4/15/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW31S	TMW31S102023	10/5/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW31S042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW31S102022	10/6/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW31S042022	4/14/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32

TABLE B-2: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Am-DNT	2-Nitrotoluene	3,5-Dinitroaniline	3-Nitrotoluene	4-Am-DNT	4-Nitrotoluene	HMX	Nitrobenzene	Nitroglycerin	PETN	RDX	Tetryl
			µg/L																
SL			590	2	9.8	2.4	0.49	1.9	3.1	7.7	1.7	1.9	43	1,000	1.4	2	170	9.7	39
TMW39S	TMW39S102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW39S042023	4/20/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW39S102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW39SO42022	4/13/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW41	TMW41102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW41042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW41102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW41042022	4/15/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW43	TMW43102023	10/10/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.33 J	<0.20	<62	<62	1.6	<0.20
	TMW43042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	0.30 J	<0.20	<62	<62	1.9	<0.20
	TMW43042023DUP	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	0.28 J	<0.20	<62	<62	2.0	<0.20
	TMW43102022	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	2.0	<0.20
	TMW43042022	4/19/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	2.0	<0.32
TMW44	TMW44102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW44042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW44102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW44042022	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW45	TMW45102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW45042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW45102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW45042022	4/19/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW46	TMW46102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW46042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW46102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW46102022DUP	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW46042022	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW47	TMW47102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.93 J	<62	<62	<0.20	<0.20
	TMW47042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.38 J	<62	<62	<0.20	<0.20
	TMW47102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW47042022	4/21/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW57	TMW57102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW57042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW57102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW57042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW59	TMW59102023	10/9/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<62	<62	**53**	<1.0
	TMW59042023	4/24/2023	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.20	<2.0	<2.0	<2.0	<2.0	<2.0	<62	<62	**64**	<2.0
	TMW59102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	**71**	<0.20
	TMW59042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	**79.9**	<0.32
TMW61	TMW61102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW61042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW61102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW61042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32

TABLE B-2: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Am-DNT	2-Nitrotoluene	3,5-Dinitroaniline	3-Nitrotoluene	4-Am-DNT	4-Nitrotoluene	HMX	Nitrobenzene	Nitroglycerin	PETN	RDX	Tetryl
			µg/L																
SL			590	2	9.8	2.4	0.49	1.9	3.1	7.7	1.7	1.9	43	1,000	1.4	2	170	9.7	39
TMW62	TMW62102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	**15**	<0.20
	TMW62042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	**16**	<0.20
	TMW62102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	**15**	<0.20
	TMW62042022	4/15/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
Bedrock Wells																			
BGMW07	BGMW07102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW07042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW07102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW07042022	4/11/2022	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.82	<3.0	<0.80	<0.80	<1.5	<0.80	<0.80	<1.7	<1.0	<0.80	<0.80
BGMW08	BGMW08102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW08042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW08102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW08042022	4/11/2022	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.82	<3.0	<0.80	<0.80	<1.5	<0.80	<0.80	<1.7	<1.0	<0.80	<0.80
BGMW09	BGMW09102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW09042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW09042023DUP	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW09102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW09042022	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
	BGMW09042022DUP	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
BGMW10	BGMW10102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW10102023FDUP02	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW10042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW10042023DUP	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW10102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	BGMW10042022	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW14A	TMW14A102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW14A042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW14A102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW14A042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW16	TMW16102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW16102023FDUP01	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW16042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW16102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW16042022	4/11/2022	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.82	<3.0	<0.80	<0.80	<1.5	<0.80	<0.80	<1.7	<1.0	<0.80	<0.80
TMW18	TMW18102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW18042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW18102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW18042022	4/11/2022	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.82	<3.0	<0.80	<0.80	<1.5	<0.80	<0.80	<1.7	<1.0	<0.80	<0.80
TMW19	TMW19102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW19042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW19102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW19042022	4/11/2022	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.82	<3.0	<0.80	<0.80	<1.5	<0.80	<0.80	<1.7	<1.0	<0.80	<0.80

TABLE B-2: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Am-DNT	2-Nitrotoluene	3,5-Dinitroaniline	3-Nitrotoluene	4-Am-DNT	4-Nitrotoluene	HMX	Nitrobenzene	Nitroglycerin	PETN	RDX	Tetryl
			µg/L																
SL			590	2	9.8	2.4	0.49	1.9	3.1	7.7	1.7	1.9	43	1,000	1.4	2	170	9.7	39
TMW30	TMW30102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.28 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW30042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW30102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW30042022	4/13/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW31D	TMW31D102023	10/10/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW31D042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW31D102022	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW31D042022	4/19/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW32	TMW32102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW32042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW32102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW32042022	4/21/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW36	TMW36102023	10/2/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW36042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW36102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW36042022	4/11/2022	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.82	<3.0	<0.80	<0.80	<1.5	<0.80	<0.80	<1.7	<1.0	<0.80	<0.80
TMW37	TMW37102023	10/3/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW37042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW37102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW37042022	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW38	TMW38102023	10/12/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.52 J	<62	<62	<0.20	<0.20
	TMW38042023	4/27/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	**2.5**	<62	<62	<0.20	<0.20
	TMW38102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW38042022	4/21/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW39D	TMW39D102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW39D042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW39D102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW39D042022	4/22/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW40D	TMW40D102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW40D042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW40D102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW40D042022	4/22/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW48	TMW48102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW48042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW48042023DUP	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW48102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW48042022	4/22/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW49	TMW49102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW49042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	1.0	<62	<62	<0.20	<0.20
	TMW49102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW49042022	4/22/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32

TABLE B-2: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,3,5-Trinitrobenzene	1,3-Dinitrobenzene	2,4,6-Trinitrotoluene	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Am-DNT	2-Nitrotoluene	3,5-Dinitroaniline	3-Nitrotoluene	4-Am-DNT	4-Nitrotoluene	HMX	Nitrobenzene	Nitroglycerin	PETN	RDX	Tetryl
			µg/L																
SL			590	2	9.8	2.4	0.49	1.9	3.1	7.7	1.7	1.9	43	1,000	1.4	2	170	9.7	39
TMW50	TMW50102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW50042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW50102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW50042022	4/13/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
	TMW50042022DUP	4/13/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW51	TMW51102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW51042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW51102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW51102022DUP	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW51042022	4/14/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW52	TMW52102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW52042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NA	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW52102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW52042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW53	TMW53102023	10/9/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW53042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW53102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW53042022	4/18/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW55	TMW55102023	10/6/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW55042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW55102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW55042022	4/15/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW58	TMW58102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW58042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW58102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW58042022	4/12/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32
TMW63	TMW63102023	10/4/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW63042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW63102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW63042022	4/13/2022	1.9 J	1.8 J	1.5 J	1.6 J	**1.7 J**	1.7 J	1.6 J	1.6 J	1.5 J	1.7 J	1.5 J	1.7 J	**1.6 J**	**2.2 J**	1.8 J	1.7 J	0.53 J
TMW64	TMW64102023	10/11/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW64042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW64102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW64042022	4/19/2022	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<1.2	<0.32	<0.32	<0.60	<0.32	<0.32	<0.66	<0.40	<0.32	<0.32

NOTES & ABBREVIATIONS:

µg/L	Micrograms per liter	2-Am-DNT	2-Amino-4,6-dinitrotoluene	PETN	Pentaerythritol tetranitrate
<	Less than cited Detection Limit	4-Am-DNT	4-Amino-2,6-dinitrotoluene	RDX	Hexahydro-1,3,5-trinitro-1,3,5-triazine
NA	Not analyzed	HMX	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	Tetryl	Methyl-2,4,6-trinitrophenylnitramine
J	Estimated value				
Q	One or more quality control criteria failed				
H	Preparation holding time exceeded				
–	Not established or not applicable				
SL	Screening level				
Number	Result exceeds cited (lowest) SL.				

TABLE B-3: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			**14**
Alluvial Wells			
BGMW01	**BGMW01102023**	**10/3/2023**	0.80
	BGMW01042023	**4/18/2023**	0.82 J
	BGMW01102022	**10/5/2022**	0.82 J
	BGMW01042022	**4/13/2022**	0.62
BGMW02	**BGMW02102023**	**10/3/2023**	0.55
	BGMW02042023	**4/18/2023**	0.49 J
	BGMW02102022	**10/5/2022**	0.62 J
	BGMW02042022	**4/13/2022**	0.66
BGMW03	**BGMW03102023**	**10/2/2023**	<0.50
	BGMW03042023	**4/18/2023**	<0.50
	BGMW03102022	**10/3/2022**	<0.50
	BGMW03102022DUP	**10/3/2022**	<0.50
	BGMW03042022	**4/11/2022**	<0.10
BGMW11	**BGMW11102023**	**10/4/2023**	<0.50
	BGMW11042023	**4/19/2023**	<2.0
	BGMW11102022	**10/13/2022**	<0.50
	BGMW11042022	**4/15/2022**	<0.10
BGMW12	**BGMW12102023**	**10/2/2023**	<1.0
	BGMW12042023	**4/17/2023**	<1.0
	BGMW12102022	**10/3/2022**	<0.50
	BGMW12042022	**4/11/2022**	<0.10
BGMW13D	**BGMW13D102023**	**10/10/2023**	<0.50
	BGMW13D102023FDUP08	**10/10/2023**	<0.50
	BGMW13D042023	**4/25/2023**	<0.50
	BGMW13D102022	**10/12/2022**	<0.50
	BGMW13D042022	**4/21/2022**	<0.10
	BGMW13D042022DUP	**4/21/2022**	<0.10
BGMW13S	**BGMW13S102023**	**10/10/2023**	<0.50
	BGMW13S042023	**4/25/2023**	<0.50
	BGMW13S102022	**10/12/2022**	<0.50
	BGMW13S102022DUP	**10/12/2022**	<0.50
	BGMW13S042022	**4/21/2022**	<0.10
MW01	**MW01102023**	**10/3/2023**	<0.50
	MW01042023	**4/18/2023**	<0.50
	MW01102022	**10/4/2022**	<0.50
	MW01042022	**4/12/2022**	<0.10

TABLE B-3: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
MW02	MW02102023	10/3/2023	<1.0
	MW02042023	4/18/2023	<0.50
	MW02102022	10/4/2022	<0.50
	MW02042022	4/12/2022	<0.10
MW03	MW03102023	10/5/2023	<0.50
	MW03042023	4/20/2023	<0.50
	MW03102022	10/6/2022	<0.50
	MW03102022DUP	10/6/2022	<0.50
	MW03042022	4/14/2022	<0.10
	MW03042022DUP	4/14/2022	<0.10
MW18D	MW18D102023	10/11/2023	<0.50
	MW18D042023	4/26/2023	<1.0
	MW18D102022	10/12/2022	<1.0
	MW18D042022	4/20/2022	<0.10
MW20	MW20102023	10/11/2023	0.52 J
	MW20042023	4/26/2023	0.56 J
	MW20102022	10/12/2022	<0.50
	MW20042022	4/20/2022	0.11 J
MW22D	MW22D102023	10/12/2023	0.63 J
	MW22D042023	4/27/2023	0.81 J
	MW22D102022	10/13/2022	0.72 J
	MW22D042022	4/21/2022	0.95
MW23	MW23102023	10/2/2023	<0.50
	MW23042023	4/24/2023	<1.0
	MW23102022	10/3/2022	<0.50
	MW23042022	4/11/2022	<0.10
MW24	MW24102023	10/3/2023	<0.50
	MW24042023	4/18/2023	<0.50
	MW24102022	10/13/2022	<0.50
	MW24042022	4/12/2022	<0.10
	MW24042022DUP	4/12/2022	<0.10
MW25	MW25102023	10/6/2023	<0.50
	MW25042023	4/21/2023	<0.50
	MW25102022	10/11/2022	<0.50
	MW25042022	4/13/2022	0.16 J

TABLE B-3: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
MW26	MW26102023	10/9/2023	<0.50
	MW26042023	4/24/2023	<0.50
	MW26102022	10/10/2022	<0.50
	MW26042022	4/18/2022	<0.10
MW27	MW27102023	10/9/2023	<0.50
	MW27042023	4/24/2023	<0.50
	MW27102022	10/7/2022	<0.50
	MW27042022	4/20/2022	0.067 J
MW28	MW28102023	10/6/2023	<0.50
	MW28042023	4/18/2023	<0.50
	MW28102022	10/4/2022	<0.50
	MW28042022	4/13/2022	0.18 J
MW29	MW29102023	10/6/2023	0.34 J
	MW29042023	4/21/2023	<1.0
	MW29102022	10/5/2022	<0.50
	MW29042022	4/14/2022	0.74
MW30	MW30102023	10/9/2023	<0.50
	MW30042023	4/26/2023	<0.50
	MW30102022	10/7/2022	<0.50
	MW30042022	4/20/2022	<0.10
MW31	MW31102023	10/9/2023	<0.50
	MW31042023	4/26/2023	<0.50
	MW31102022	10/7/2022	<0.50
	MW31042022	4/21/2022	0.074 J
MW32	MW32102023	10/2/2023	<0.50
	MW32042023	4/17/2023	<0.50
	MW32102022	10/3/2022	<0.50
	MW32042022	4/11/2022	0.25
MW33	MW33102023	10/9/2023	<0.50
	MW33042023	4/24/2023	<0.50
	MW33102022	10/10/2022	<0.50
	MW33042022	4/18/2022	<0.10
MW34	MW34102023	10/9/2023	<0.50
	MW34042023	4/24/2023	<1.0
	MW34102022	10/10/2022	<0.50
	MW34042022	4/18/2022	<0.10

TABLE B-3: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
MW35	MW35102023	10/9/2023	<0.10
	MW35042023	4/24/2023	<0.50
	MW35102022	10/11/2022	<0.10
	MW35102022DUP	10/11/2022	<0.10
	MW35042022	4/20/2022	<0.10
	MW35042022DUP	4/20/2022	<0.10
MW36D	MW36D102023	10/5/2023	<0.50
	MW36D042023	4/24/2023	<0.50
	MW36D102022	10/14/2022	<0.50
	MW36D042022	4/18/2022	<0.10
	MW36D042022DUP	4/18/2022	<0.10
MW36S	MW36S102023	10/5/2023	<0.50
	MW36S042023	4/24/2023	<0.50
	MW36S102022	10/14/2022	<0.10
	MW36S042022	4/18/2022	<0.10
MW37	MW37102023	10/11/2023	<0.50
	MW37042023	4/25/2023	<1.0
	MW37102022	10/10/2022	<0.50
	MW37102022DUP	10/10/2022	<0.50
	MW37042022	4/20/2022	<0.10
MW38	MW38102023	10/9/2023	<0.50
	MW38042023	4/27/2023	<0.50
	MW38102022	10/10/2022	<0.50
	MW38042022	4/22/2022	<0.10
MW39	MW39102023	10/9/2023	<0.50
	MW39042023	4/27/2023	<0.50
	MW39102022	10/13/2022	<0.10
	MW39042022	4/22/2022	<0.10
SMW01	SMW01102023	10/4/2023	<0.50
	SMW01042023	4/19/2023	<0.50
	SMW01042023DUP	4/19/2023	<0.50
	SMW01102022	10/4/2022	<0.50
	SMW01042022	4/12/2022	<0.10
TMW01	TMW01102023	10/6/2023	**310**
	TMW01042023	4/20/2023	**280**
	TMW01102022	10/6/2022	**260**
	TMW01042022	4/15/2022	**253 J**

TABLE B-3: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW02	TMW02102023	10/6/2023	7.8
	TMW02102023FDUP05	10/6/2023	8.3
	TMW02042023	4/21/2023	8.4
	TMW02042023DUP	4/21/2023	9.4
	TMW02102022	10/7/2022	6.3
	TMW02102022DUP	10/7/2022	6.3
	TMW02042022	4/15/2022	7.2
	TMW02042022DUP	4/15/2022	6.5
TMW03	TMW03102023	10/10/2023	0.92
	TMW03102023FDUP06	10/10/2023	0.89
	TMW03042023	4/24/2023	1.8 J
	TMW03042023DUP	4/24/2023	0.78 J
	TMW03102022	10/10/2022	<0.50
	TMW03042022	4/19/2022	0.85
TMW04	TMW04102023	10/4/2023	0.46
	TMW04042023	4/21/2023	0.46 J
	TMW04102022	10/7/2022	0.51 J
	TMW04042022	4/15/2022	0.35
TMW08	TMW08102023	10/5/2023	<0.50
	TMW08042023	4/19/2023	<0.10
	TMW08102022	10/5/2022	<0.10
	TMW08042022	4/14/2022	<0.10
TMW10	TMW10102023	10/5/2023	<0.50
	TMW10102023FDUP04	10/5/2023	<0.50
	TMW10042023	4/20/2023	<0.50
	TMW10042023DUP	4/20/2023	<0.50
	TMW10102022	10/6/2022	<0.50
	TMW10042022	4/14/2022	<0.10
TMW13	TMW13102023	10/11/2023	<0.50
	TMW13102023FDUP09	10/11/2023	<0.50
	TMW13042023	4/26/2023	<0.50
	TMW13102022	10/11/2022	<0.50
	TMW13102022DUP	10/11/2022	<0.50
	TMW13042022	4/20/2022	0.059 J
	TMW13042022DUP	4/20/2022	0.062 J

TABLE B-3: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW15	TMW15102023	10/11/2023	<0.50
	TMW15042023	4/26/2023	<0.50
	TMW15042023DUP	4/26/2023	<0.50
	TMW15102022	10/11/2022	<0.50
	TMW15042022	4/20/2022	<0.10
TMW21	TMW21102023	10/12/2023	<0.50
	TMW21102023FDUP10	10/12/2023	<0.50
	TMW21042023	4/27/2023	<0.50
	TMW21102022	10/14/2022	<0.50
	TMW21042022	4/21/2022	<0.10
TMW22	TMW22102023	10/6/2023	<0.50
	TMW22042023	4/21/2023	<0.50
	TMW22102022	10/6/2022	<0.50
	TMW22042022	4/15/2022	<0.10
TMW23	TMW23102023	10/6/2023	<0.50
	TMW23042023	4/21/2023	<0.50
	TMW23102022	10/7/2022	<0.50
	TMW23042022	4/15/2022	<0.10
TMW24	TMW24102023	10/9/2023	<0.50
	TMW24042023	4/24/2023	<1.0
	TMW24102022	10/13/2022	<0.50
	TMW24042022	4/19/2022	<0.10
TMW26	TMW26102023	10/4/2023	<0.50
	TMW26042023	4/19/2023	<0.50
	TMW26102022	10/4/2022	<0.50
	TMW26042022	4/13/2022	<0.10
TMW27	TMW27102023	10/4/2023	<0.50
	TMW27102023FDUP03	10/4/2023	<0.50
	TMW27042023	4/19/2023	<0.50
	TMW27102022	10/4/2022	<0.50
	TMW27042022	4/12/2022	<0.10
TMW29	TMW29102023	10/6/2023	<0.50
	TMW29042023	4/21/2023	<0.50
	TMW29102022	10/6/2022	<0.50
	TMW29042022	4/15/2022	0.082 J
TMW31S	TMW31S102023	10/5/2023	**570**
	TMW31S042023	4/19/2023	**600**
	TMW31S102022	10/6/2022	**480**
	TMW31S042022	4/14/2022	**619**

TABLE B-3: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW34	TMW34102023	10/10/2023	<0.50
	TMW34102023FDUP07	10/10/2023	<0.50
	TMW34042023	4/26/2023	0.28 J
	TMW34102022	10/11/2022	<0.50
	TMW34102022DUP	10/11/2022	<0.50
	TMW34042022	4/19/2022	0.31
	TMW34042022DUP	4/19/2022	0.31
TMW35	TMW35102023	10/11/2023	<0.50
	TMW35042023	4/26/2023	<0.50
	TMW35102022	10/11/2022	<0.50
	TMW35042022	4/20/2022	0.051 J
TMW39S	TMW39S102023	10/6/2023	**790**
	TMW39S042023	4/20/2023	**750**
	TMW39S102022	10/7/2022	**680**
	TMW39S042022	4/13/2022	**790**
TMW41	TMW41102023	10/6/2023	**16**
	TMW41042023	4/21/2023	**15**
	TMW41102022	10/7/2022	12
	TMW41042022	4/15/2022	**14.2**
TMW43	TMW43102023	10/10/2023	<0.50
	TMW43042023	4/25/2023	<0.50
	TMW43042023DUP	4/25/2023	<1.0
	TMW43102022	10/11/2022	<0.50
	TMW43042022	4/19/2022	<0.10
TMW44	TMW44102023	10/2/2023	<0.50
	TMW44042023	4/18/2023	<0.50
	TMW44102022	10/4/2022	<0.50
	TMW44042022	4/12/2022	<0.10
TMW45	TMW45102023	10/11/2023	<0.50
	TMW45042023	4/25/2023	<1.0
	TMW45102022	10/12/2022	<0.50
	TMW45042022	4/19/2022	<0.10
TMW46	TMW46102023	10/2/2023	<0.50
	TMW46042023	4/18/2023	<0.50
	TMW46102022	10/4/2022	<0.50
	TMW46102022DUP	10/4/2022	<0.50
	TMW46042022	4/12/2022	0.15 J

TABLE B-3: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			**14**
TMW47	**TMW47102023**	**10/12/2023**	<0.10
	TMW47042023	**4/27/2023**	<0.10
	TMW47102022	**10/13/2022**	<0.50
	TMW47042022	**4/21/2022**	<0.10
TMW57	**TMW57102023**	**10/9/2023**	<0.50
	TMW57042023	**4/24/2023**	<0.50
	TMW57102022	**10/10/2022**	<0.50
	TMW57042022	**4/18/2022**	0.051 J
TMW59	**TMW59102023**	**10/9/2023**	<0.50
	TMW59042023	**4/24/2023**	<0.50
	TMW59102022	**10/10/2022**	<0.50
	TMW59042022	**4/18/2022**	0.091 J
TMW61	**TMW61102023**	**10/9/2023**	<0.50
	TMW61042023	**4/24/2023**	<0.50
	TMW61102022	**10/10/2022**	<0.50
	TMW61042022	**4/18/2022**	<0.10
TMW62	**TMW62102023**	**10/6/2023**	<0.50
	TMW62042023	**4/21/2023**	<0.50
	TMW62102022	**10/7/2022**	<0.50
	TMW62042022	**4/15/2022**	<0.10
Bedrock Wells			
BGMW07	**BGMW07102023**	**10/3/2023**	<0.10
	BGMW07042023	**4/17/2023**	<0.10
	BGMW07102022	**10/3/2022**	<0.10
	BGMW07042022	**4/11/2022**	<0.10
BGMW08	**BGMW08102023**	**10/2/2023**	<0.10
	BGMW08042023	**4/17/2023**	<0.10
	BGMW08102022	**10/3/2022**	<0.10
	BGMW08042022	**4/11/2022**	<0.10
BGMW09	**BGMW09102023**	**10/3/2023**	<0.10
	BGMW09042023	**4/17/2023**	<0.10
	BGMW09042023DUP	**4/17/2023**	<0.10
	BGMW09102022	**10/12/2022**	<0.10
	BGMW09042022	**4/12/2022**	<0.10
	BGMW09042022DUP	**4/12/2022**	<0.10

TABLE B-3: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
BGMW10	BGMW10102023	10/3/2023	<0.10
	BGMW10102023FDUP02	10/3/2023	<0.50
	BGMW10042023	4/18/2023	<0.10
	BGMW10042023DUP	4/18/2023	<0.10
	BGMW10102022	10/4/2022	<0.50
	BGMW10042022	4/12/2022	<0.10
TMW16	TMW16102023	10/2/2023	<0.50
	TMW16102023FDUP01	10/2/2023	<0.50
	TMW16042023	4/17/2023	<3.0
	TMW16102022	10/3/2022	<0.50
	TMW16042022	4/11/2022	<0.10
TMW17	TMW17102023	10/9/2023	<0.50
	TMW17042023	4/21/2023	<0.50
	TMW17042023DUP	4/21/2023	<0.50
	TMW17102022	10/10/2022	<0.50
	TMW17042022	4/18/2022	<0.10
TMW18	TMW18102023	10/2/2023	<0.10
	TMW18042023	4/17/2023	<0.10
	TMW18102022	10/3/2022	<0.50
	TMW18042022	4/11/2022	<0.10
TMW19	TMW19102023	10/2/2023	<0.10
	TMW19042023	4/17/2023	<0.10
	TMW19102022	10/3/2022	<0.50
	TMW19042022	4/11/2022	<0.10
TMW30	TMW30102023	10/4/2023	**490**
	TMW30042023	4/19/2023	**350**
	TMW30102022	10/5/2022	**330**
	TMW30042022	4/13/2022	**454**
TMW31D	TMW31D102023	10/10/2023	**80**
	TMW31D042023	4/25/2023	4.2
	TMW31D102022	10/11/2022	**57**
	TMW31D042022	4/19/2022	**874**
TMW32	TMW32102023	10/12/2023	**190**
	TMW32042023	4/27/2023	**700**
	TMW32102022	10/13/2022	**350**
	TMW32042022	4/21/2022	**405**

TABLE B-3: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW36	TMW36102023	10/2/2023	<0.50
	TMW36042023	4/17/2023	<0.10
	TMW36102022	10/3/2022	<0.50
	TMW36042022	4/11/2022	<0.10
TMW37	TMW37102023	10/3/2023	<0.10
	TMW37042023	4/18/2023	<0.10
	TMW37102022	10/4/2022	<0.10
	TMW37042022	4/12/2022	<0.10
TMW38	TMW38102023	10/12/2023	<0.10
	TMW38042023	4/27/2023	<0.10
	TMW38102022	10/12/2022	<0.10
	TMW38042022	4/21/2022	<0.10
TMW39D	TMW39D102023	10/9/2023	**100**
	TMW39D042023	4/25/2023	3.5
	TMW39D102022	10/14/2022	**24**
	TMW39D042022	4/22/2022	0.072 J
TMW40D	TMW40D102023	10/6/2023	**280**
	TMW40D042023	4/25/2023	**180**
	TMW40D102022	10/14/2022	**250**
	TMW40D042022	4/22/2022	**262**
TMW48	TMW48102023	10/6/2023	**500**
	TMW48042023	4/25/2023	**740**
	TMW48102022	10/14/2022	**790**
	TMW48042022	4/22/2022	**752**
TMW49	TMW49102023	10/9/2023	**370**
	TMW49042023	4/26/2023	**170**
	TMW49102022	10/13/2022	**270**
	TMW49042022	4/22/2022	**114**
TMW50	TMW50102023	10/4/2023	1.4
	TMW50042023	4/19/2023	1.2
	TMW50102022	10/5/2022	1.0
	TMW50042022	4/13/2022	2.2
	TMW50042022DUP	4/13/2022	2.3
TMW51	TMW51102023	10/6/2023	**630**
	TMW51042023	4/21/2023	**630**
	TMW51102022	10/5/2022	**620**
	TMW51102022DUP	10/5/2022	**620**
	TMW51042022	4/14/2022	**715**

TABLE B-3: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW52	TMW52102023	10/11/2023	<0.50
	TMW52042023	4/25/2023	<0.50
	TMW52102022	10/10/2022	<0.50
	TMW52042022	4/18/2022	0.051 J
TMW53	TMW53102023	10/9/2023	<0.50
	TMW53042023	4/24/2023	<1.0
	TMW53102022	10/10/2022	<0.50
	TMW53042022	4/18/2022	<0.10
TMW55	TMW55102023	10/6/2023	<0.10
	TMW55042023	4/21/2023	<0.10
	TMW55102022	10/7/2022	<0.50
	TMW55042022	4/15/2022	<0.10
TMW58	TMW58102023	10/4/2023	0.081 J
	TMW58042023	4/17/2023	<0.10
	TMW58102022	10/4/2022	<0.50
	TMW58042022	4/12/2022	<0.10
TMW63	TMW63102023	10/4/2023	<0.10
	TMW63042023	4/19/2023	<0.10
	TMW63102022	10/5/2022	<0.50
	TMW63042022	4/13/2022	<0.10
TMW64	TMW64102023	10/11/2023	**48**
	TMW64042023	4/26/2023	**45**
	TMW64102022	10/7/2022	**36**
	TMW64042022	4/19/2022	**56.4**

NOTES & ABBREVIATIONS:

µg/L	micrograms per liter
<	less than cited Detection Limit
NA	not analyzed
J	estimated value
M	manual integrated compound
–	not established or not applicable
SL	screening level
Number	Result exceeds cited (lowest) SL.

TABLE B-4: SUMMARY OF VOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,2-Dichloroethane	1,3-Dichlorobenzene	2-Butanone	2-Hexanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																		
SL			5	75	5,600	38	18,000	5	80	80	7.5	810	21,000	80	190	80	5	100	30	100	1,000
Alluvial Wells																					
BGMW01	BGMW01102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW01042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW01102022	10/5/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW01042022	4/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW02	BGMW02102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW02042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW02102022	10/5/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW02042022	4/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW03	BGMW03102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW03042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW03102022	10/3/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW03102022DUP	10/3/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW03042022	4/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW11	BGMW11102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW11042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW11102022	10/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW11042022	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW12	BGMW12102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW12042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW12102022	10/3/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW12042022	4/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW13D	BGMW13D102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13D102023FDUP08	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13D042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13D102022	10/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13D042022	4/21/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13D042022DUP	4/21/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW13S	BGMW13S102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13S042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13S102022	10/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13S102022DUP	10/12/2022	<0.20	<0.20	<10	<10	6.2 J	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW13S042022	4/21/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
FW31	FW31102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	FW31042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	FW31102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	FW31042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW01	MW01102023	10/3/2023	0.13 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW01042023	4/18/2023	0.16 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW01102022	10/4/2022	0.22 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW01042022	4/12/2022	0.19 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE B-4: SUMMARY OF VOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,2-Dichloroethane	1,3-Dichlorobenzene	2-Butanone	2-Hexanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																		
SL			5	75	5,600	38	18,000	5	80	80	7.5	810	21,000	80	190	80	5	100	30	100	1,000
MW02	MW02102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW02042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW02102022	10/4/2022	0.15 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW02042022	4/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW03	MW03102023	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW03042023	4/20/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW03102022	10/6/2022	<0.20	<0.20	<10	<10	5.2 J	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW03102022DUP	10/6/2022	<0.20	<0.20	<10	<10	6.8 J	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW03042022	4/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW03042022DUP	4/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW18D	MW18D102023	10/11/2023	**81**	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW18D042023	4/26/2023	**93**	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW18D102022	10/12/2022	**91**	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW18D042022	4/20/2022	**63**	<0.20	<10	<10	6.7 J	<0.20	<0.20	<0.30	<0.50	0.31 J	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW20	MW20102023	10/11/2023	0.90 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW20042023	4/26/2023	1.3	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW20102022	10/12/2022	1.5	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	0.59 J	<0.50	<0.20
	MW20042022	4/20/2022	0.80 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW22D	MW22D102023	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW22D042023	4/27/2023	0.29 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW22D102022	10/13/2022	0.34 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW22D042022	4/21/2022	0.29 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW23	MW23102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW23042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW23102022	10/3/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW23042022	4/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW24	MW24102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW24042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW24102022	10/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW24042022	4/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW24042022DUP	4/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW25	MW25102023	10/6/2023	1.8	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW25042023	4/21/2023	1.6	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW25102022	10/11/2022	1.6	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW25042022	4/13/2022	2.3	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW26	MW26102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW26042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW26102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW26042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE B-4: SUMMARY OF VOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,2-Dichloroethane	1,3-Dichlorobenzene	2-Butanone	2-Hexanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																		
SL			5	75	5,600	38	18,000	5	80	80	7.5	810	21,000	80	190	80	5	100	30	100	1,000
MW27	MW27102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW27042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW27102022	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW27042022	4/20/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW28	MW28102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW28042023	4/18/2023	<0.20	<0.20	<10	<10	5.0 J	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW28102022	10/4/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW28042022	4/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW29	MW29102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW29042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW29102022	10/5/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW29042022	4/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW30	MW30102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW30042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW30102022	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW30042022	4/20/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW31	MW31102023	10/9/2023	25	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW31042023	4/26/2023	28	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW31102022	10/7/2022	24	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW31042022	4/21/2022	27	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	0.18 J	<1.0	<0.50	<0.20
MW32	MW32102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW32042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW32102022	10/3/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW32042022	4/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW33	MW33102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW33042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW33102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW33042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW34	MW34102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW34042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW34102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW34042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW35	MW35102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW35042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW35102022	10/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW35102022DUP	10/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW35042022	4/20/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW35042022DUP	4/20/2022	<0.20	<0.20	<10	<10	8.9 J	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE B-4: SUMMARY OF VOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,2-Dichloroethane	1,3-Dichlorobenzene	2-Butanone	2-Hexanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																		
SL			5	75	5,600	38	18,000	5	80	80	7.5	810	21,000	80	190	80	5	100	30	100	1,000
MW36D	MW36D102023	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW36D042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW36D102022	10/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW36D042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW36D042022DUP	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW36S	MW36S102023	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW36S042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW36S102022	10/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW36S042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW37	MW37102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW37042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW37102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW37102022DUP	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW37042022	4/20/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW38	MW38102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW38042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW38102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW38042022	4/22/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW39	MW39102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW39042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW39102022	10/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW39042022	4/22/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
SMW01	SMW01102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	SMW01042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	SMW01042023DUP	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	SMW01102022	10/4/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	SMW01042022	4/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW01	TMW01102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW01042023	4/20/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW01102022	10/6/2022	<0.20	<0.20	<10	<10	5.8 J	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW01042022	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW02	TMW02102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW02102023FDUP05	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW02042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW02042023DUP	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW02102022	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW02102022DUP	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW02042022	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW02042022DUP	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE B-4: SUMMARY OF VOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,2-Dichloroethane	1,3-Dichlorobenzene	2-Butanone	2-Hexanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																		
SL			5	75	5,600	38	18,000	5	80	80	7.5	810	21,000	80	190	80	5	100	30	100	1,000
TMW03	TMW03102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW03102023FDUP06	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW03042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW03042023DUP	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW03102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW03042022	4/19/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW04	TMW04102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW04042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW04102022	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW04042022	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW06	TMW06102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW06042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW06102022	10/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW06042022	4/20/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW07	TMW07102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW07042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW07102022	10/5/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW07042022	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW08	TMW08102023	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW08042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW08102022	10/5/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW08042022	4/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW10	TMW10102023	10/5/2023	<0.20	<0.20	<10	<10	6.5 J	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW10102023FDUP04	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW10042023	4/20/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW10042023DUP	4/20/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW10102022	10/6/2022	<0.20	<0.20	<10	<10	5.2 J	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW10042022	4/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW13	TMW13102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW13102023FDUP09	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW13042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW13102022	10/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW13102022DUP	10/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW13042022	4/20/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW13042022DUP	4/20/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW15	TMW15102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW15042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW15042023DUP	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW15102022	10/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW15042022	4/20/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE B-4: SUMMARY OF VOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,2-Dichloroethane	1,3-Dichlorobenzene	2-Butanone	2-Hexanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																		
SL			5	75	5,600	38	18,000	5	80	80	7.5	810	21,000	80	190	80	5	100	30	100	1,000
TMW21	TMW21102023	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW21102023FDUP10	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW21042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW21102022	10/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW21042022	4/21/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW22	TMW22102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW22042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW22102022	10/6/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW22042022	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW23	TMW23102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW23042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW23102022	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW23042022	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW24	TMW24102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW24042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW24102022	10/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW24042022	4/19/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW25	TMW25102023	10/6/2023	<0.20	<0.20	<10	<10	7.3 J	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW25042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW25102022	10/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW25042022	4/21/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW26	TMW26102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW26042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW26102022	10/4/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW26042022	4/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW27	TMW27102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW27102023FDUP03	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW27042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW27102022	10/4/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW27042022	4/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW28	TMW28102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW28042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW28102022	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW28042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW29	TMW29102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW29042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW29102022	10/6/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW29042022	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE B-4: SUMMARY OF VOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,2-Dichloroethane	1,3-Dichlorobenzene	2-Butanone	2-Hexanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																		
SL			5	75	5,600	38	18,000	5	80	80	7.5	810	21,000	80	190	80	5	100	30	100	1,000
TMW31S	TMW31S102023	10/5/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW31S042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW31S102022	10/6/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW31S042022	4/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW33	TMW33102023	10/6/2023	31	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW33042023	4/21/2023	36	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW33102022	10/7/2022	43	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW33042022	4/15/2022	38	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW34	TMW34102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW34102023FDUP07	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW34042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW34102022	10/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW34102022DUP	10/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW34042022	4/19/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW34042022DUP	4/19/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW35	TMW35102023	10/11/2023	0.44 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW35042023	4/26/2023	0.50 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW35102022	10/11/2022	0.53 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW35042022	4/20/2022	0.64 J	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW39S	TMW39S102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW39S042023	4/20/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW39S102022	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW39S042022	4/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW41	TMW41102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW41042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW41102022	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW41042022	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW43	TMW43102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW43042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW43042023DUP	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW43102022	10/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW43042022	4/19/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW44	TMW44102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW44042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW44102022	10/4/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW44042022	4/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW45	TMW45102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW45042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW45102022	10/12/2022	<0.20	<0.20	<10	<10	6.3 J	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW45042022	4/19/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE B-4: SUMMARY OF VOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,2-Dichloroethane	1,3-Dichlorobenzene	2-Butanone	2-Hexanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																		
SL			5	75	5,600	38	18,000	5	80	80	7.5	810	21,000	80	190	80	5	100	30	100	1,000
TMW46	TMW46102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW46042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW46102022	10/4/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW46102022DUP	10/4/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW46042022	4/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW47	TMW47102023	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	1.0	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW47042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	1.4	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW47102022	10/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	2.3	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW47042022	4/21/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	1.6	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW57	TMW57102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW57042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW57102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW57042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW59	TMW59102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW59042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW59102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW59042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW61	TMW61102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW61042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW61102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW61042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW62	TMW62102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW62042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW62102022	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW62042022	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
Bedrock Wells																					
BGMW07	BGMW07102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW07042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW07102022	10/3/2022	<0.20	<0.20	<10	<10	<10	<0.20	0.15 J	0.19 J	<0.50	<0.50	<1.0	<0.20	<0.50	0.17 J	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW07042022	4/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	0.24 J	<0.50	<0.50	<1.0	<0.20	<0.50	0.17 J	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW08	BGMW08102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW08042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW08102022	10/3/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW08042022	4/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW09	BGMW09102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW09042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW09042023DUP	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW09102022	10/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW09042022	4/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW09042022DUP	4/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE B-4: SUMMARY OF VOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,2-Dichloroethane	1,3-Dichlorobenzene	2-Butanone	2-Hexanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																		
SL			5	75	5,600	38	18,000	5	80	80	7.5	810	21,000	80	190	80	5	100	30	100	1,000
BGMW10	BGMW10102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW10102023FDUP02	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW10042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW10042023DUP	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW10102022	10/4/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW10042022	4/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW14A	TMW14A102023	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW14A042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW14A102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	0.31 J	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW14A042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW16	TMW16102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW16102023FDUP01	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW16042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW16102022	10/3/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW16042022	4/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW17	TMW17102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	0.35 J	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW17042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW17042023DUP	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW17102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW17042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW18	TMW18102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW18042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	0.18 J
	TMW18102022	10/3/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	0.23 J
	TMW18042022	4/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW19	TMW19102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW19042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW19102022	10/3/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW19042022	4/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW30	TMW30102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW30042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW30102022	10/5/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW30042022	4/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW31D	TMW31D102023	10/10/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW31D042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW31D102022	10/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW31D042022	4/19/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW32	TMW32102023	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW32042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW32102022	10/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW32042022	4/21/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE B-4: SUMMARY OF VOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,2-Dichloroethane	1,3-Dichlorobenzene	2-Butanone	2-Hexanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																		
SL			5	75	5,600	38	18,000	5	80	80	7.5	810	21,000	80	190	80	5	100	30	100	1,000
TMW36	TMW36102023	10/2/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW36042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW36102022	10/3/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW36042022	4/11/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW37	TMW37102023	10/3/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW37042023	4/18/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW37102022	10/4/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW37042022	4/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW38	TMW38102023	10/12/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW38042023	4/27/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	0.33 J	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW38102022	10/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW38042022	4/21/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	0.26 J	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW39D	TMW39D102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW39D042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW39D102022	10/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW39D042022	4/22/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW40D	TMW40D102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW40D042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW40D102022	10/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW40D042022	4/22/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW48	TMW48102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW48042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW48042023DUP	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW48102022	10/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW48042022	4/22/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW49	TMW49102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW49042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW49102022	10/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW49042022	4/22/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW50	TMW50102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW50042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW50102022	10/5/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW50042022	4/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	0.37 J	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW50042022DUP	4/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW51	TMW51102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW51042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW51102022	10/5/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW51102022DUP	10/5/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW51042022	4/14/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE B-4: SUMMARY OF VOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	1,2-Dichloroethane	1,3-Dichlorobenzene	2-Butanone	2-Hexanone	Acetone	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon Disulfide	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene chloride	MTBE	Naphthalene	Styrene	Toluene
			µg/L																		
SL			5	75	5,600	38	18,000	5	80	80	7.5	810	21,000	80	190	80	5	100	30	100	1,000
TMW52	TMW52102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW52042023	4/25/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW52102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW52042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW53	TMW53102023	10/9/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW53042023	4/24/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	0.40 J	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW53102022	10/10/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	0.43 J	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW53042022	4/18/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW55	TMW55102023	10/6/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW55042023	4/21/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW55102022	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW55042022	4/15/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW58	TMW58102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW58042023	4/17/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW58102022	10/4/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW58042022	4/12/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW63	TMW63102023	10/4/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW63042023	4/19/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW63102022	10/5/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW63042022	4/13/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW64	TMW64102023	10/11/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW64042023	4/26/2023	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW64102022	10/7/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW64042022	4/19/2022	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

NOTES & ABBREVIATIONS:

µg/L	micrograms per liter	MTBE	Methyl-tert-butyl ether
<	less than cited Detection Limit		
NA	not analyzed		
J	estimated value		
Q	one or more quality control criteria failed		
–	not established or not applicable		
SL	Screening level		
Number	Result exceeds cited (lowest) SL.		

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
Alluvial Wells																	
BGMW01	BGMW01102023	10/3/2023	NA	NA	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	BGMW01042023	4/18/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	BGMW01102022	10/5/2022	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	BGMW01042022	4/13/2022	NA	NA	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
BGMW02	BGMW02102023	10/3/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	BGMW02042023	4/18/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	BGMW02102022	10/5/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	BGMW02042022	4/13/2022	NA	NA	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
BGMW03	BGMW03102023	10/2/2023	NA	NA	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12
	BGMW03042023	4/18/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	BGMW03102022	10/3/2022	NA	NA	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	BGMW03102022DUP	10/3/2022	NA	NA	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	BGMW03042022	4/11/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
BGMW11	BGMW11102023	10/4/2023	10 J	<110	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	BGMW11042023	4/19/2023	<20	<110	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<9.8
	BGMW11102022	10/13/2022	<20	<100	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	BGMW11042022	4/15/2022	<20	<100	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
BGMW12	BGMW12102023	10/2/2023	**14 J**	<110	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	BGMW12042023	4/17/2023	<20	<110	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	BGMW12102022	10/3/2022	<20	<96	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	BGMW12042022	4/11/2022	<20	<100	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
BGMW13D	BGMW13D102023	10/10/2023	<20	<110	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12
	BGMW13D102023FDUP08	10/10/2023	<20	<100	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	BGMW13D042023	4/25/2023	<20	<100	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	BGMW13D102022	10/12/2022	<20	<100	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	BGMW13D042022	4/21/2022	<20	<95	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	BGMW13D042022DUP	4/21/2022	<20	**120 J**	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
BGMW13S	BGMW13S102023	10/10/2023	**11 J**	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	BGMW13S042023	4/25/2023	<20	<100	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	BGMW13S102022	10/12/2022	<20	<110	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	BGMW13S102022DUP	10/12/2022	<20	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	BGMW13S042022	4/21/2022	<20	**78 J**	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
FW31	FW31102023	10/9/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	FW31042023	4/26/2023	NA	NA	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	FW31102022	10/10/2022	NA	NA	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	FW31042022	4/18/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
MW01	MW01102023	10/3/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW01042023	4/18/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW01102022	10/4/2022	<20	<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW01042022	4/12/2022	<20	**54 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW02	MW02102023	10/3/2023	<20	<99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW02042023	4/18/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW02102022	10/4/2022	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW02042022	4/12/2022	<20	**290 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW03	MW03102023	10/5/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW03042023	4/20/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW03102022	10/6/2022	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW03102022DUP	10/6/2022	<20	<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW03042022	4/14/2022	<20	<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW03042022DUP	4/14/2022	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW18D	MW18D102023	10/11/2023	**28 J**	<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW18D042023	4/26/2023	<20	**75 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW18D102022	10/12/2022	**52 J**	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MW18D042022	4/20/2022	**31 J**	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW20	MW20102023	10/11/2023	<20	**130 J**	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	MW20042023	4/26/2023	<20	**240 J**	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12
	MW20102022	10/12/2022	<20	<97	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	MW20042022	4/20/2022	<20	**130 J**	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
MW22D	MW22D102023	10/12/2023	<20	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	MW22D042023	4/27/2023	<20	<100	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	MW22D102022	10/13/2022	<20	<110	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	MW22D042022	4/21/2022	<20	<110	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
MW23	MW23102023	10/2/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	MW23042023	4/24/2023	NA	NA	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<12
	MW23102022	10/3/2022	NA	NA	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	MW23042022	4/11/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
MW24	MW24102023	10/3/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	MW24042023	4/18/2023	NA	NA	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
	MW24102022	10/13/2022	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	MW24042022	4/12/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	MW24042022DUP	4/12/2022	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
MW25	MW25102023	10/6/2023	<20	<110	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	MW25042023	4/21/2023	<20	<100	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	MW25102022	10/11/2022	<20	**100 J**	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	MW25042022	4/13/2022	<20	<98	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
MW26	MW26102023	10/9/2023	<20	<110	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	MW26042023	4/24/2023	<20	<100	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12
	MW26102022	10/10/2022	<20	<110	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12
	MW26042022	4/18/2022	<20	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
MW27	MW27102023	10/9/2023	**13 J**	<100	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	MW27042023	4/24/2023	<20	<120	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	MW27102022	10/7/2022	<20	<100	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	MW27042022	4/20/2022	<20	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
MW28	MW28102023	10/6/2023	**15 J**	<110	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	MW28042023	4/18/2023	<20	<98	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	MW28102022	10/4/2022	<20	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	MW28042022	4/13/2022	<20	<98	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
MW29	MW29102023	10/6/2023	**13 J**	**160 J**	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	MW29042023	4/21/2023	<20	<110	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
	MW29102022	10/5/2022	<20	<100	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	MW29042022	4/14/2022	<20	<150	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
MW30	MW30102023	10/9/2023	<20	<95	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	MW30042023	4/26/2023	<20	<100	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	MW30102022	10/7/2022	<20	<100	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	MW30042022	4/20/2022	<20	<110	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
MW31	MW31102023	10/9/2023	**14 J**	<100	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	MW31042023	4/26/2023	<20	**130 J**	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	MW31102022	10/7/2022	<20	**65 J**	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	MW31042022	4/21/2022	<20	<97	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
MW32	MW32102023	10/2/2023	**20 J**	<100	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
	MW32042023	4/17/2023	<20	<100	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	MW32102022	10/3/2022	<20	**60 J**	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	MW32042022	4/11/2022	<20	**73 J**	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
MW33	MW33102023	10/9/2023	<20	<110	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	MW33042023	4/24/2023	<20	<100	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	MW33102022	10/10/2022	<20	<95	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	MW33042022	4/18/2022	<20	<100	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
MW34	MW34102023	10/9/2023	<20	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	MW34042023	4/24/2023	<20	<100	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12
	MW34102022	10/10/2022	<20	<120	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	MW34042022	4/18/2022	<20	<110	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
MW35	MW35102023	10/9/2023	**18 J**	<98	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
	MW35042023	4/24/2023	<20	<120	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
	MW35102022	10/11/2022	<20	<97	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	MW35102022DUP	10/11/2022	<20	<110	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	MW35042022	4/20/2022	<20	<110	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
	MW35042022DUP	4/20/2022	<20	<110	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
MW36D	MW36D102023	10/5/2023	<20	<120	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	MW36D042023	4/24/2023	<20	<100	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	MW36D102022	10/14/2022	<20	<110	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12
	MW36D042022	4/18/2022	<20	<97	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
	MW36D042022DUP	4/18/2022	<20	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
MW36S	MW36S102023	10/5/2023	<20	**71 J**	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	MW36S042023	4/24/2023	<20	<100	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	MW36S102022	10/14/2022	<20	**76 J**	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	MW36S042022	4/18/2022	<20	<120	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12
MW37	MW37102023	10/11/2023	**22 J**	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	MW37042023	4/25/2023	<20	<100	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	MW37102022	10/10/2022	<20	<100	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	MW37102022DUP	10/10/2022	<20	**64 J**	<9.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.9	<4.9	<9.9
	MW37042022	4/20/2022	<20	<100	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
MW38	MW38102023	10/9/2023	<20	<120	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	MW38042023	4/27/2023	<20	<100	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	MW38102022	10/10/2022	<20	**66 J**	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	MW38042022	4/22/2022	<20	<100	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
MW39	MW39102023	10/9/2023	**18 J**	<120	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	MW39042023	4/27/2023	<20	<110	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	MW39102022	10/13/2022	<20	<110	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	MW39042022	4/22/2022	<20	<110	<9.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.9	<4.9	<9.9
SMW01	SMW01102023	10/4/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	SMW01042023	4/19/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	SMW01042023DUP	4/19/2023	NA	NA	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<12
	SMW01102022	10/4/2022	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	SMW01042022	4/12/2022	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
TMW02	TMW02102023	10/6/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW02102023FDUP05	10/6/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
TMW03	TMW03102023	10/10/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW03102023FDUP06	10/10/2023	NA	NA	<25	<12	<12	<12	<12	<12	<12	<12	<12	<12	<25	<12	<25
	TMW03042023	4/24/2023	NA	NA	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
	TMW03042023DUP	4/24/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	TMW03102022	10/10/2022	NA	NA	<21	<11	<11	<11	<11	<11	<11	<11	<11	<11	<21	<11	<21
	TMW03042022	4/19/2022	NA	NA	<24	<12	<12	<12	<12	<12	<12	<12	<12	<12	<24	<12	<24
TMW04	TMW04102023	10/4/2023	NA	NA	<21	<11	<11	<11	<11	<11	<11	<11	<11	<11	<21	<11	<21
	TMW04042023	4/21/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	TMW04102022	10/7/2022	NA	NA	<22	<11	<11	<11	<11	<11	<11	<11	<11	<11	<22	<11	<22
	TMW04042022	4/15/2022	NA	NA	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
TMW06	TMW06102023	10/11/2023	**18 J**	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW06042023	4/26/2023	<20	<110	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
	TMW06102022	10/12/2022	<20	<100	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW06042022	4/20/2022	<20	<110	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
TMW07	TMW07102023	10/6/2023	**24 J**	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW07042023	4/21/2023	<20	<100	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
	TMW07102022	10/5/2022	<20	<99	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	TMW07042022	4/15/2022	<20	**120 J**	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
TMW08	TMW08102023	10/5/2023	<20	<120	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW08042023	4/19/2023	<20	<120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW08102022	10/5/2022	<20	**54 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW08042022	4/14/2022	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMW10	TMW10102023	10/5/2023	<20	<98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW10102023FDUP04	10/5/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW10042023	4/20/2023	<20	**3,100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW10042023DUP	4/20/2023	<20	<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW10102022	10/6/2022	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW10042022	4/14/2022	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMW15	TMW15102023	10/11/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW15042023	4/26/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW15042023DUP	4/26/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW15102022	10/11/2022	NA	NA	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	TMW15042022	4/20/2022	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
TMW21	TMW21102023	10/12/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW21102023FDUP10	10/12/2023	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW21042023	4/27/2023	<20	<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW21102022	10/14/2022	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW21042022	4/21/2022	<20	**230 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMW22	TMW22102023	10/6/2023	NA	NA	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
	TMW22042023	4/21/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW22102022	10/6/2022	NA	NA	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
	TMW22042022	4/15/2022	NA	NA	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
TMW23	TMW23102023	10/6/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
TMW31S	TMW31S102023	10/5/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW31S042023	4/19/2023	NA	NA	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<12
	TMW31S102022	10/6/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW31S042022	4/14/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	7.3 J	<5.4	<11	<5.4	<11
TMW33	TMW33102023	10/6/2023	**16 J**	<110	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	TMW33042023	4/21/2023	<20	<100	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
	TMW33102022	10/7/2022	**16 J**	**320 J**	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
	TMW33042022	4/15/2022	**23 J**	<100	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
TMW34	TMW34102023	10/10/2023	<20	<110	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
	TMW34102023FDUP07	10/10/2023	<20	<120	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW34042023	4/26/2023	<20	**84 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW34102022	10/11/2022	<20	**110 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW34102022DUP	10/11/2022	<20	**71 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW34042022	4/19/2022	<20	<120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW34042022DUP	4/19/2022	<20	**89 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMW35	TMW35102023	10/11/2023	<20	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW35042023	4/26/2023	<20	<100	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	TMW35102022	10/11/2022	<20	<120	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	TMW35042022	4/20/2022	<20	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
TMW39S	TMW39S102023	10/6/2023	NA	NA	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	TMW39S042023	4/20/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	TMW39S102022	10/7/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW39S042022	4/13/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
TMW41	TMW41102023	10/6/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW41042023	4/21/2023	NA	NA	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
	TMW41102022	10/7/2022	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW41042022	4/15/2022	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
TMW43	TMW43102023	10/10/2023	NA	NA	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	TMW43042023	4/25/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW43042023DUP	4/25/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW43102022	10/11/2022	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	TMW43042022	4/19/2022	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
TMW44	TMW44102023	10/2/2023	NA	NA	<21	<10	<10	<10	<10	<10	<10	<10	<10	<10	<21	<10	<21
	TMW44042023	4/18/2023	NA	NA	<24	<12	<12	<12	<12	<12	<12	<12	<12	<12	<24	<12	<24
	TMW44102022	10/4/2022	NA	NA	<31	<15	<15	<15	<15	<15	<15	<15	<15	<15	<31	<15	<31
	TMW44042022	4/12/2022	NA	NA	<21	<11	<11	<11	<11	<11	<11	<11	<11	<11	<21	<11	<21
TMW45	TMW45102023	10/11/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW45042023	4/25/2023	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	TMW45102022	10/12/2022	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	TMW45042022	4/19/2022	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
TMW46	TMW46102023	10/2/2023	18 J	<93	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW46042023	4/18/2023	<20	<110	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12
	TMW46102022	10/4/2022	<20	<99	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW46102022DUP	10/4/2022	<20	<100	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	TMW46042022	4/12/2022	<20	<100	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
TMW47	TMW47102023	10/12/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW47042023	4/27/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW47102022	10/13/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW47042022	4/21/2022	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
TMW57	TMW57102023	10/9/2023	12 J	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW57042023	4/24/2023	<20	<110	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW57102022	10/10/2022	<20	<110	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
	TMW57042022	4/18/2022	<20	<110	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
TMW59	TMW59102023	10/9/2023	18 J	<120	<25	<12	<12	<12	<12	<12	<12	<12	<12	<12	<25	<12	<25
	TMW59042023	4/24/2023	<20	<120	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
	TMW59102022	10/10/2022	<20	75 J	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	TMW59042022	4/18/2022	<20	<110	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
TMW61	TMW61102023	10/9/2023	<20	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW61042023	4/24/2023	<20	<96	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW61102022	10/10/2022	<20	<110	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	TMW61042022	4/18/2022	<20	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
TMW62	TMW62102023	10/6/2023	21 J	<110	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	TMW62042023	4/21/2023	<20	<100	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	TMW62102022	10/7/2022	<20	<99	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW62042022	4/15/2022	<20	<95	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
Bedrock Wells																	
BGMW07	BGMW07102023	10/3/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	BGMW07042023	4/17/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	BGMW07102022	10/3/2022	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	BGMW07042022	4/11/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	11 J

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
BGMW08	BGMW08102023	10/2/2023	NA	NA	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	BGMW08042023	4/17/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	BGMW08102022	10/3/2022	NA	NA	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
	BGMW08042022	4/11/2022	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
BGMW09	BGMW09102023	10/3/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	BGMW09042023	4/17/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	BGMW09042023DUP	4/17/2023	NA	NA	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
	BGMW09102022	10/12/2022	NA	NA	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<12
	BGMW09042022	4/12/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	BGMW09042022DUP	4/12/2022	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
BGMW10	BGMW10102023	10/3/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	BGMW10102023FDUP02	10/3/2023	NA	NA	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
	BGMW10042023	4/18/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	BGMW10042023DUP	4/18/2023	NA	NA	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
	BGMW10102022	10/4/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	BGMW10042022	4/12/2022	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
TMW14A	TMW14A102023	10/12/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW14A042023	4/21/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW14A102022	10/10/2022	NA	NA	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
	TMW14A042022	4/18/2022	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
TMW16	TMW16102023	10/2/2023	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	TMW16102023FDUP01	10/2/2023	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	TMW16042023	4/17/2023	NA	NA	<9.7	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.7	<4.9	<9.7
	TMW16102022	10/3/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW16042022	4/11/2022	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
TMW18	TMW18102023	10/2/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW18042023	4/17/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW18102022	10/3/2022	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW18042022	4/11/2022	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
TMW19	TMW19102023	10/2/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW19042023	4/17/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW19102022	10/3/2022	NA	NA	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	TMW19042022	4/11/2022	NA	NA	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
TMW30	TMW30102023	10/4/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW30042023	4/19/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW30102022	10/5/2022	NA	NA	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	TMW30042022	4/13/2022	NA	NA	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<12
TMW31D	TMW31D102023	10/10/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW31D042023	4/25/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW31D102022	10/11/2022	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	TMW31D042022	4/19/2022	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
TMW32	TMW32102023	10/12/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW32042023	4/27/2023	NA	NA	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12
	TMW32102022	10/13/2022	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	TMW32042022	4/21/2022	NA	NA	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
TMW36	TMW36102023	10/2/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW36042023	4/17/2023	NA	NA	<9.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<9.8	<4.9	<9.8
	TMW36102022	10/3/2022	NA	NA	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	TMW36042022	4/11/2022	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
TMW37	TMW37102023	10/3/2023	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW37042023	4/18/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW37102022	10/4/2022	NA	NA	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	TMW37042022	4/12/2022	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
TMW38	TMW38102023	10/12/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW38042023	4/27/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW38102022	10/12/2022	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW38042022	4/21/2022	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
TMW39D	TMW39D102023	10/9/2023	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW39D042023	4/25/2023	NA	NA	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<12
	TMW39D102022	10/14/2022	NA	NA	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW39D042022	4/22/2022	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
TMW40D	TMW40D102023	10/6/2023	NA	NA	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
	TMW40D042023	4/25/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW40D102022	10/14/2022	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW40D042022	4/22/2022	NA	NA	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
TMW48	TMW48102023	10/6/2023	NA	NA	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW48042023	4/25/2023	NA	NA	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
	TMW48042023DUP	4/25/2023	NA	NA	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	TMW48102022	10/14/2022	NA	NA	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
	TMW48042022	4/22/2022	NA	NA	<11	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<11	<5.3	<11
TMW49	TMW49102023	10/9/2023	NA	NA	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW49042023	4/26/2023	NA	NA	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	TMW49102022	10/13/2022	NA	NA	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW49042022	4/22/2022	NA	NA	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
TMW50	TMW50102023	10/4/2023	<20	<110	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10
	TMW50042023	4/19/2023	<20	<100	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW50102022	10/5/2022	<20	<99	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW50042022	4/13/2022	<20	<100	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW50042022DUP	4/13/2022	<20	**260 J**	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
TMW51	TMW51102023	10/6/2023	**13 J**	<110	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	TMW51042023	4/21/2023	<20	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW51102022	10/5/2022	<20	<98	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW51102022DUP	10/5/2022	<20	<100	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW51042022	4/14/2022	<20	<98	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
TMW52	TMW52102023	10/11/2023	**20 J**	<110	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
	TMW52042023	4/25/2023	<20	<100	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW52102022	10/10/2022	<20	<100	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW52042022	4/18/2022	<20	<110	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<10
TMW53	TMW53102023	10/9/2023	<20	<110	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
	TMW53042023	4/24/2023	<20	<100	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	TMW53102022	10/10/2022	<20	**52 J**	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW53042022	4/18/2022	<20	**72 J**	<12	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<12	<6.1	<12
TMW55	TMW55102023	10/6/2023	**13 J**	<110	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW55042023	4/21/2023	<20	**53 J**	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW55102022	10/7/2022	<20	<98	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW55042022	4/15/2022	<20	<100	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11

TABLE B-5: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	TPH GRO	TPH DRO	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2,4-Dinitrophenol	2-Chloronaphthalene	2-Methylnaphthalene	2-Nitroaniline	4-Nitroaniline	4-Nitrophenol	bis(2-Ethylhexyl)phthalate	Naphthalene	Caprolactam
			µg/L														
SL			10.1	16.7	70	600	75	75	39	750	30	190	38	91	6	30	9,900
TMW58	TMW58102023	10/4/2023	**18 J**	<100	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW58042023	4/17/2023	<20	<100	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
	TMW58102022	10/4/2022	<20	<100	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10
	TMW58042022	4/12/2022	<20	<98	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
TMW63	TMW63102023	10/4/2023	**13 J**	<110	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
	TMW63042023	4/19/2023	<20	<110	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<11
	TMW63102022	10/5/2022	<20	<100	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11
	TMW63042022	4/13/2022	<20	<100	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
TMW64	TMW64102023	10/11/2023	**38 J**	<100	<12	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<12	<6.2	<12
	TMW64042023	4/26/2023	<20	<110	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
	TMW64102022	10/7/2022	<20	<110	<12	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<12	<5.8	<12
	TMW64042022	4/19/2022	<20	<110	<11	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<11	<5.2	<11

NOTES & ABBREVIATIONS:

µg/L	micrograms per liter
<	less than cited Detection Limit
NA	not analyzed
J	estimated value
M	manual integrated compund
–	not established or not applicable
SL	screening level
Number	Result exceeds cited (lowest) SL.

TABLE B-6: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			**5,000**	**6**	**10**	**2,000**	**4**	**5**	**–**	**50**	**50**	**1,000**	**1,000**	**15**	**–**	**200**	**200**	**–**	**50**	**50**	**–**	**2**	**86**	**10,000**	**2**
Alluvial Wells																									
BGMW01	**BGMW01102023**	**10/3/2023**	<250	<2.5	0.72 J	19	<1.0	<1.0	61,000	<1.0	<1.0	6.3 J	<250	<0.50	35,000	**300**	<2.5	500 J	7.4	<1.0	930,000	<1.0	5.1	<50	<0.20
	BGMW01042023	**4/18/2023**	<250	<2.5	0.75 J	17	<1.0	<1.0	64,000	<1.0	<1.0	<5.0	<250	<0.50	36,000	**400**	<2.5	420 J	6.5	<1.0	920,000	<1.0	5.0 J	<50	<0.20
	BGMW01102022	**10/5/2022**	<25	<0.52	0.86 J	19	<0.31	<0.41	73,000	<0.82	0.31 J	22	<41	<0.21	36,000	**310**	1.4 J	320	6.5	<0.31	930,000	<0.31	4.8	<8.2	<0.16
	BGMW01042022	**4/13/2022**	<250	<2.5	<1.2	18	<1.0	<1.0	70,000	<1.0	<1.0	16	<250	<0.50	38,000	**430**	1.4 J	430 J	4.0 J	<1.0	930,000	<1.0	4.3 J	<50	<0.20
BGMW02	**BGMW02102023**	**10/3/2023**	<250	<2.5	1.0 J	15	<1.0	<1.0	52,000	<1.0	<1.0	3.0 J	<250	<0.50	70,000	49	<2.5	470 J	30	<1.0	770,000	<1.0	8.1	<50	<0.20
	BGMW02042023	**4/18/2023**	<250	<2.5	0.72 J	14	<1.0	<1.0	51,000	<1.0	<1.0	<5.0	<250	<0.50	72,000	39	<2.5	340 J	28	<1.0	760,000	<1.0	7.1	<50	0.16 J
	BGMW02102022	**10/5/2022**	<25	<0.52	0.86 J	14	<0.31	<0.41	67,000	<0.82	<0.41	1.4	<41	<0.21	72,000	44	<0.82	310	30	<0.31	750,000	<0.31	6.5	<8.2	<0.16
	BGMW02042022	**4/13/2022**	<250	<2.5	<1.2	13	<1.0	<1.0	53,000	<1.0	<1.0	<5.0	<250	<0.50	74,000	47	<2.5	360 J	30	<1.0	800,000	<1.0	7.6	<50	<0.20
BGMW03	**BGMW03102023**	**10/2/2023**	<250	<2.5	2.0 J	22	<1.0	<1.0	54,000	1.4 J	<1.0	<5.0	<250	<0.50	12,000	<2.5	1.7 J	1,400	11	<1.0	600,000	<1.0	12	<50	<0.20
	BGMW03042023	**4/18/2023**	<250	<2.5	1.9 J	20	<1.0	<1.0	48,000	<1.0	<1.0	2.6 J	<250	<0.50	11,000	7.8	<2.5	1,200 J	14	<1.0	590,000	<1.0	12	<50	<0.20
	BGMW03102022	**10/3/2022**	<25	<0.52	1.8 J	19	<0.31	<0.41	52,000	<0.82	0.16 J	1.8	<41	<0.21	11,000	4.2	0.86 J	1,200	10	<0.31	480,000	<0.31	11	<8.2	0.085 J
	BGMW03102022DUP	**10/3/2022**	<25	<0.52	1.4 J	21	<0.31	<0.41	61,000	<0.82	<0.41	1.7	<41	<0.21	13,000	2.2	0.72 J	1,300	8.3	<0.31	540,000	<0.31	9.9	4.1 J	<0.16
	BGMW03042022	**4/11/2022**	<250	<2.5	0.82 J	21	<1.0	<1.0	62,000	<1.0	<1.0	3.8 J	<250	<0.50	13,000	5.2	<2.5	1,400	9.2	<1.0	570,000	<1.0	8.0	<50	<0.20
BGMW11	**BGMW11102023**	**10/4/2023**	<250	<2.5	0.96 J	11	<1.0	<1.0	79,000	<1.0	<1.0	4.1 J	<250	<0.50	34,000	**200**	<2.5	660 J	<1.5	<1.0	1,100,000	<1.0	3.5 J	<50	<0.20
	BGMW11042023	**4/19/2023**	<250	<2.5	0.69 J	16	<1.0	<1.0	83,000	<1.0	<1.0	<5.0	<250	<0.50	33,000	150	<2.5	800 J	1.2 J	<1.0	1,100,000	<1.0	3.0 J	31 J	<0.20
	BGMW11102022	**10/13/2022**	<25	<0.52	0.75 J	9.4	<0.31	<0.41	100,000	<0.82	0.39 J	3.2	25 J	<0.21	36,000	**200**	1.1 J	700	1.1	<0.31	1,100,000	<0.31	2.3 J	4.2 J	<0.16
	BGMW11042022	**4/15/2022**	<250	<2.5	<1.2	8.1	<1.0	<1.0	130,000	<1.0	1.0 J	24	250 J	<0.50	53,000	**400**	3.8 J	780 J	<1.5	<1.0	1,300,000	<1.0	<2.5	27 J	<0.20
BGMW12	**BGMW12102023**	**10/2/2023**	<250	<2.5	0.71 J	26	<1.0	<1.0	30,000	0.51 J	<1.0	<5.0	<250	<0.50	16,000	28	1.8 J	<500	<1.5	<1.0	500,000	<1.0	3.3 J	<50	<0.20
	BGMW12042023	**4/17/2023**	<250	<2.5	<1.2	26	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	15,000	28	1.4 J	<500	<1.5	<1.0	450,000	<1.0	1.6 J	52 J	<0.20
	BGMW12102022	**10/3/2022**	<25	0.23 J	<1.8	28	<0.31	<0.41	30,000	<0.82	0.22 J	1.1	<41	<0.21	14,000	24	1.7	220	<0.62	<0.31	480,000	<0.31	4.8	<8.2	<0.16
	BGMW12042022	**4/11/2022**	<250	<2.5	<1.2	25	<1.0	<1.0	26,000	<1.0	<1.0	3.1 J	<250	<0.50	13,000	31	1.5 J	290 J	<0.75	<0.50	440,000	<1.0	<2.5	<50	0.12 J
BGMW13D	**BGMW13D102023**	**10/10/2023**	<250	<2.5	<1.2	250	<1.0	<1.0	14,000	7.4	<1.0	<5.0	180 J	<0.50	4,100	130	2.3 J	630 J	<1.5	<1.0	300,000	<1.0	1.6 J	<50	<0.20
	BGMW13D102023FDUP08	**10/10/2023**	<250	<2.5	<1.2	250	<1.0	<1.0	15,000	7.0	<1.0	<5.0	170 J	<0.50	4,200	130	2.2 J	600 J	<1.5	<1.0	270,000	<1.0	1.9 J	<50	<0.20
	BGMW13D042023	**4/25/2023**	<250	<2.5	<1.2	260	<1.0	<1.0	15,000	1.4 J	<1.0	<5.0	210 J	<0.50	4,100	130	<2.5	750 J	<1.5	<1.0	290,000	<1.0	<2.5	<50	<0.20
	BGMW13D102022	**10/12/2022**	<25	<0.52	<1.8	240	<0.31	<0.41	14,000	0.58 J	0.25 J	0.49 J	160	<0.21	3,800	120	0.96 J	640	<0.62	<0.31	250,000	<0.31	1.5 J	<8.2	<0.16
	BGMW13D042022	**4/21/2022**	<250	<2.5	<1.2	240	<1.0	<1.0	14,000	1.9 J	<1.0	15	500 J	<0.50	4,100	120	2.2 J	800 J	<1.5	<1.0	290,000	<1.0	1.3 J	<50	<0.20
	BGMW13D042022DUP	**4/21/2022**	<250	<2.5	<1.2	240	<1.0	<1.0	15,000	2.8 J	<1.0	13	150 J	<0.50	4,100	120	2.4 J	840 J	<1.5	<1.0	290,000	<1.0	1.7 J	<50	<0.20
BGMW13S	**BGMW13S102023**	**10/10/2023**	<250	<2.5	<1.2	220	<1.0	<1.0	27,000	0.65 J	<1.0	8.2 J	580 J	<0.50	8,600	**380**	<2.5	940 J	<1.5	<1.0	290,000	<1.0	<2.5	<50	<0.20
	BGMW13S042023	**4/25/2023**	<250	<2.5	<1.2	230	<1.0	<1.0	26,000	<1.0	<1.0	<5.0	660 J	<0.50	8,200	**390**	<2.5	920 J	<1.5	<1.0	290,000	<1.0	<2.5	<50	<0.20
	BGMW13S102022DUP	**10/12/2022**	<25	<0.52	<1.8	200	<0.31	<0.41	25,000	<0.82	<0.41	<0.93	470	<0.21	7,700	**330**	0.47 J	820	<0.62	<0.31	270,000	<0.31	1.1 J	<8.2	<0.16
	BGMW13S102022	**10/12/2022**	<25	<0.52	<1.8	210	<0.31	<0.41	26,000	<0.82	<0.41	<0.93	580	<0.21	7,900	**340**	0.53 J	840	<0.62	<0.31	260,000	<0.31	0.96 J	<8.2	<0.16
	BGMW13S042022	**4/21/2022**	<250	<2.5	<1.2	200	<1.0	<1.0	26,000	0.67 J	<1.0	8.4 J	490 J	<0.50	8,300	**340**	1.3 J	970 J	<1.5	<1.0	300,000	<1.0	<2.5	<50	<0.20
FW31	**FW31102023**	**10/9/2023**	<250	<2.5	6.2	9.4	<1.0	<1.0	6,200	<1.0	<1.0	<5.0	<250	<0.50	2,600	<2.5	<2.5	1,500	<1.5	<1.0	540,000	<1.0	9.5	<50	<0.20
	FW31042023	**4/26/2023**	<250	<2.5	6.5	9.5	<1.0	<1.0	6,200	0.59 J	<1.0	<5.0	<250	<0.50	2,500	<2.5	<2.5	1,500	<1.5	<1.0	510,000	<1.0	11	<50	<0.20
	FW31102022	**10/10/2022**	<25	<0.52	6.2	9.7	<0.31	<0.41	6,900	<0.82	<0.41	<0.93	<41	<0.21	2,300	<2.0	<0.82	1,300	<0.62	<0.31	470,000	<0.31	9.4	<8.2	<0.16
	FW31042022	**4/18/2022**	<250	<2.5	5.7	9.0	<1.0	<1.0	5,800	<1.0	<1.0	<5.0	<250	<0.50	2,400	<2.5	<2.5	1,300	<1.5	<1.0	530,000	<1.0	11	<50	<0.20
MW01	**MW01102023**	**10/3/2023**	<250	<2.5	<1.2	14	<1.0	<1.0	31,000	<1.0	<1.0	3.6 J	<250	<0.50	6,700	7.5	<2.5	450 J	3.6 J	<1.0	790,000	<1.0	<2.5	<50	<0.20
	MW01042023	**4/18/2023**	<250	<2.5	<1.2	14	<1.0	<1.0	33,000	<1.0	<1.0	<5.0	<250	<0.50	7,200	<2.5	<2.5	420 J	5.6	<1.0	800,000	<1.0	1.6 J	30 J	<0.20
	MW01102022	**10/4/2022**	<25	<0.52	<1.8	14	<0.31	<0.41	33,000	<0.82	<0.41	2.3	<41	<0.21	6,900	4.6	0.78 J	350	4.8	<0.31	680,000	<0.31	1.8 J	9.4 J	<0.16
	MW01042022	**4/12/2022**	<250	<2.5	<1.2	14	<1.0	<1.0	32,000	0.61 J	<1.0	<5.0	<250	<0.50	7,200	<2.5	<2.5	420 J	4.3 J	<1.0	820,000	<1.0	2.2 J	<50	<0.20
MW02	**MW02102023**	**10/3/2023**	<250	<2.5	<1.2	32	<1.0	<1.0	95,000	<1.0	<1.0	4.5 J	<250	<0.50	20,000	30	<2.5	450 J	3.7 J	<1.0	570,000	<1.0	<2.5	26 J	<0.20
	MW02042023	**4/18/2023**	<250	<2.5	<1.2	31	<1.0	<1.0	91,000	<1.0	<1.0	<5.0	<250	<0.50	20,000	48	<2.5	390 J	4.0 J	<1.0	590,000	<1.0	<2.5	58 J	<0.20
	MW02102022	**10/4/2022**	<25	<0.52	<1.8	35	<0.31	<0.41	91,000	<0.82	<0.41	1.3	<41	<0.21	20,000	71	1.1 J	410	3.4	<0.31	530,000	<0.31	1.5 J	35	<0.16
	MW02042022	**4/12/2022**	<250	<2.5	<1.2	36	<1.0	<1.0	96,000	1.6 J	<1.0	4.8 J	<250	<0.50	21,000	24	<2.5	430 J	4.6 J	<1.0	560,000	<1.0	1.7 J	35 J	<0.20
MW03	**MW03102023**	**10/5/2023**	<250	<2.5	<1.2	13	<1.0	<1.0	98,000	<1.0	<1.0	2.8 J	<250	<0.50	18,000	110	<2.5	320 J	28	<1.0	1,200,000	<1.0	<2.5	<50	<0.20
	MW03042023	**4/20/2023**	<250	<2.5	<1.2	13	<1.0	<1.0	94,000	<1.0	<1.0	<5.0	<250	<0.50	17,000	80	<2.5	<500	26	<1.0	1,200,000	<1.0	<2.5	<50	<0.20
	MW03102022DUP	**10/6/2022**	<25	<0.52	<1.8	12	<0.31	<0.41	74,000	<0.82	<0.41	0.97 J	<41	<0.21	13,000	40	0.50 J	220	26	<0.31	910,000	<0.31	0.87 J	6.8 J	<0.16
	MW03102022	**10/6/2022**	<25	<0.52	<1.8	9.7	<0.31	<0.41	67,000	<0.82	<0.41	1.3	<41	<0.21	12,000	32	0.99 J	220	27	<0.31	900,000	<0.31	0.89 J	7.3 J	<0.16
	MW03042022	**4/14/2022**	<250	<2.5	<1.2	12	<1.0	<1.0	80,000	<1.0	<1.0	20	<250	<0.50	14,000	27	<2.5	310 J	21	<1.0	1,000,000	<1.0	<2.5	<50	<0.20
	MW03042022DUP	**4/14/2022**	<250	<2.5	<1.2	11	<1.0	<1.0	78,000	<1.0	<1.0	<5.0	<250	<0.50	14,000	26	<2.5	290 J	21	<1.0	1,000,000	<1.0	<2.5	<50	<0.20

TABLE B-6: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
MW18D	MW18D102023	10/11/2023	<1,000	<10	5.2 J	20	<4.0	<4.0	89,000	2.7 J	<4.0	<20	<1,000	<2.0	22,000	**720**	5.2 J	<2,000	<6.0	<4.0	2,200,000	<4.0	14 J	<200	<0.20
	MW18D042023	4/26/2023	<1,000	<10	<5.0	17 J	<4.0	<4.0	71,000	<4.0	<4.0	<20	<1,000	<2.0	20,000	**820**	<10	<2,000	<6.0	<4.0	2,100,000	<4.0	<10	<200	<0.20
	MW18D102022	10/12/2022	<25	<0.52	0.76 J	17	<0.31	<0.41	77,000	<0.82	0.51 J	0.71 J	160	<0.21	18,000	**750**	2.4	360	<0.62	<0.31	1,900,000	<0.31	2.0 J	<8.2	<0.16
	MW18D042022	4/20/2022	<1,000	<10	<5.0	21	<4.0	<4.0	100,000	<4.0	<4.0	<20	580 J	<2.0	24,000	**630**	<10	<2,000	<6.0	<4.0	2,400,000	<4.0	<10	<200	<0.20
MW20	MW20102023	10/11/2023	<1,000	<10	4.4 J	14 J	<4.0	<4.0	240,000	2.9 J	<4.0	<20	<1,000	<2.0	52,000	**1,700**	<10	1,000 J	**91**	<4.0	2,800,000	<4.0	11 J	<200	0.15 J
	MW20042023	4/26/2023	<1,000	<10	<5.0	15 J	<4.0	<4.0	240,000	<4.0	<4.0	<20	<1,000	<2.0	53,000	**1,600**	<10	<2,000	**85**	<4.0	2,900,000	<4.0	<10	120 J	<0.20
	MW20102022	10/12/2022	<25	<0.52	<1.8	13	<0.31	<0.41	250,000	0.50 J	1.2	2.4	<41	<0.21	49,000	**1,400**	3.1	530	**96**	<0.31	2,700,000	<0.31	<2.1	96	<0.16
	MW20042022	4/20/2022	<1,000	<10	<5.0	19 J	<4.0	<4.0	310,000	<4.0	<4.0	<20	<1,000	<2.0	60,000	**1,000**	<10	1,200 J	18 J	<4.0	3,400,000	<4.0	<10	<200	<0.20
MW22D	MW22D102023	10/12/2023	<500	<5.0	<2.5	11	<2.0	<2.0	87,000	15	<2.0	<10	<500	<1.0	17,000	140	4.2 J	<1,000	41	<2.0	1,100,000	<2.0	<5.0	<100	<0.20
	MW22D042023	4/27/2023	<500	<5.0	<2.5	11	<2.0	<2.0	92,000	1.4 J	<2.0	<10	<500	<1.0	18,000	140	<5.0	<1,000	39	<2.0	1,100,000	<2.0	<5.0	<100	<0.20
	MW22D102022	10/13/2022	<25	<0.52	<1.8	11	<0.31	<0.41	90,000	<0.82	<0.41	0.77 J	<41	<0.21	16,000	130	0.62 J	290	43	<0.31	930,000	<0.31	1.4 J	<8.2	<0.16
	MW22D042022	4/21/2022	<500	<5.0	<2.5	11	<2.0	<2.0	94,000	<2.0	<2.0	28	<500	<1.0	19,000	150	<5.0	<1,000	40	<2.0	1,100,000	<2.0	<5.0	<100	<0.20
MW23	MW23102023	10/2/2023	<250	<2.5	2.3 J	240	<1.0	<1.0	13,000	<1.0	<1.0	<5.0	<250	<0.50	6,200	51	1.8 J	1,200	<1.5	<1.0	500,000	<1.0	4.8 J	<50	0.10 J
	MW23042023	4/24/2023	<250	<2.5	2.0 J	220	<1.0	<1.0	12,000	<1.0	<1.0	<5.0	<250	<0.50	6,100	48	<2.5	1,100	<1.5	<1.0	480,000	<1.0	3.9 J	<50	<0.20
	MW23102022	10/3/2022	<25	<0.52	1.4 J	230	<0.31	<0.41	17,000	<0.82	0.20 J	0.53 J	34 J	<0.21	6,500	65	0.96 J	1,000	<0.62	<0.31	430,000	<0.31	2.3 J	<8.2	<0.16
	MW23042022	4/11/2022	<250	<2.5	<1.3	190	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	260 J	<0.50	7,400	91	<2.5	1,100	<1.5	<1.0	470,000	<1.0	<2.5	<50	0.11 J
MW24	MW24102023	10/3/2023	<250	<2.5	0.72 J	320	<1.0	<1.0	32,000	<1.0	<1.0	<5.0	**2,100**	<0.50	11,000	**430**	<2.5	930 J	<1.5	<1.0	260,000	<1.0	<2.5	<50	<0.20
	MW24042023	4/18/2023	<250	<2.5	0.87 J	240	<1.0	<1.0	32,000	0.54 J	<1.0	<5.0	**1,500**	<0.50	11,000	**450**	<2.5	790 J	<1.5	<1.0	260,000	<1.0	<2.5	<50	<0.20
	MW24102022	10/13/2022	<25	<0.52	<1.8	270	<0.31	<0.41	34,000	<0.82	<0.41	0.44 J	**1,200**	<0.21	11,000	**440**	<0.82	750	<0.62	<0.31	230,000	<0.31	<2.1	<8.2	<0.16
	MW24042022	4/12/2022	<250	<2.5	0.91 J	200	<1.0	<1.0	33,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	**440**	<2.5	820 J	<1.5	<1.0	260,000	<1.0	2.8 J	<50	<0.20
	MW24042022DUP	4/12/2022	<250	<2.5	0.69 J	210	<1.0	<1.0	33,000	<1.0	<1.0	<5.0	170 J	<0.50	11,000	**440**	<2.5	810 J	<1.5	<1.0	270,000	<1.0	<2.5	<50	<0.20
MW25	MW25102023	10/6/2023	<500	<5.0	<2.5	13	<2.0	<2.0	110,000	<2.0	<2.0	<10	<500	<1.0	21,000	20	<5.0	900 J	**67**	<2.0	1,400,000	<2.0	<5.0	<100	<0.20
	MW25042023	4/21/2023	<250	<2.5	<1.2	13	<1.0	<1.0	110,000	<1.0	<1.0	<5.0	<250	<0.50	20,000	18	<2.5	860 J	**67**	<1.0	1,300,000	<1.0	1.3 J	<50	<0.20
	MW25102022	10/11/2022	<25	<0.52	<1.8	12	<0.31	<0.41	110,000	0.71 J	<0.41	0.85 J	<41	<0.21	18,000	18	0.89 J	700	**66**	<0.31	1,200,000	<0.31	1.2 J	8.1 J	<0.16
	MW25042022	4/13/2022	<250	<2.5	<1.3	14	<1.0	<1.0	110,000	1.6 J	<1.0	<5.0	<250	<0.50	21,000	19	1.7 J	880 J	**58**	<1.0	1,400,000	<1.0	2.2 J	<50	0.13 J
MW26	MW26102023	10/9/2023	<250	<2.5	<1.2	16	<1.0	<1.0	100,000	<1.0	<1.0	<5.0	<250	<0.50	19,000	**1,100**	<2.5	640 J	<1.5	<1.0	1,000,000	<1.0	<2.5	<50	<0.20
	MW26042023	4/24/2023	<250	<2.5	<1.2	15	<1.0	<1.0	100,000	<1.0	<1.0	2.5 J	<250	<0.50	18,000	**1,000**	<2.5	790 J	<1.5	<1.0	1,100,000	<1.0	3.8 J	<50	<0.20
	MW26102022	10/10/2022	<25	<0.52	<1.8	15	<0.31	<0.41	93,000	<0.82	0.24 J	1.2	<41	<0.21	15,000	**980**	0.52 J	460	<0.62	<0.31	910,000	<0.31	2.7 J	4.9 J	<0.16
	MW26042022	4/18/2022	<250	<2.5	<1.3	14	<1.0	<1.0	95,000	<1.0	<1.0	21	<250	<0.50	17,000	**1,100**	<2.5	570 J	<1.5	<1.0	1,100,000	<1.0	3.4 J	<50	0.11 J
MW27	MW27102023	10/9/2023	<250	<2.5	<1.2	24	<1.0	<1.0	68,000	<1.0	<1.0	3.2 J	<250	<0.50	14,000	9.2	<2.5	750 J	32	<1.0	930,000	<1.0	<2.5	<50	<0.20
	MW27042023	4/24/2023	<250	<2.5	<1.2	22	<1.0	<1.0	63,000	<1.0	<1.0	19	<250	<0.50	14,000	12	<2.5	850 J	30	<1.0	930,000	<1.0	1.4 J	39 J	<0.20
	MW27102022	10/7/2022	<25	<0.52	0.76 J	25	<0.31	<0.41	69,000	<0.82	<0.41	2.9	21 J	<0.21	14,000	14	0.57 J	700	35	<0.31	910,000	<0.31	2.2 J	<8.2	<0.16
	MW27042022	4/20/2022	<250	<2.5	<1.3	25	<1.0	<1.0	71,000	<1.0	<1.0	<5.0	<250	<0.50	15,000	13	<2.5	790 J	36	<1.0	1,000,000	<1.0	<2.5	<50	<0.20
MW28	MW28102023	10/6/2023	<250	<2.5	0.83 J	32	<1.0	<1.0	78,000	<1.0	<1.0	11	<250	<0.50	17,000	6.7	<2.5	500 J	15	<1.0	1,100,000	<1.0	1.9 J	<50	<0.20
	MW28042023	4/18/2023	<250	<2.5	1.1 J	29	<1.0	<1.0	79,000	<1.0	<1.0	11	<250	<0.50	18,000	3.1 J	<2.5	750 J	18	<1.0	1,100,000	<1.0	3.5 J	<50	<0.20
	MW28102022	10/4/2022	<25	<0.52	1.0 J	33	<0.31	<0.41	81,000	<0.82	<0.41	7.8	<41	<0.21	17,000	12	1.0 J	470	16	<0.31	1,000,000	<0.31	2.9 J	6.8 J	<0.16
	MW28042022	4/13/2022	210 J	<2.5	0.71 J	42	<1.0	<1.0	82,000	0.79 J	<1.0	10	180 J	<0.50	19,000	81	1.3 J	620 J	18	<1.0	1,000,000	<1.0	3.4 J	<50	<0.20
MW29	MW29102023	10/6/2023	<250	<2.5	1.5 J	34	<1.0	<1.0	44,000	<1.0	<1.0	52	<250	<0.50	8,900	11	2.3 J	460 J	16	<1.0	950,000	<1.0	3.5 J	<50	<0.20
	MW29042023	4/21/2023	<250	<2.5	1.8 J	35	<1.0	<1.0	41,000	<1.0	<1.0	45	<250	<0.50	8,700	45	5.1	410 J	15	<1.0	950,000	<1.0	4.3 J	<50	<0.20
	MW29102022	10/5/2022	<25	0.28 J	1.9 J	42	<0.31	0.21 J	43,000	0.43 J	0.21 J	66	<41	<0.21	8,600	75	2.2	430	9.7	<0.31	850,000	<0.31	4.3	13 J	0.10 J
	MW29042022	4/14/2022	<250	<2.5	1.2 J	40	<1.0	<1.0	41,000	<1.0	<1.0	51	<250	<0.50	8,400	93	1.5 J	410 J	12	<1.0	900,000	<1.0	3.7 J	<50	<0.20
MW30	MW30102023	10/9/2023	<250	<2.5	2.0 J	35	<1.0	<1.0	25,000	<1.0	<1.0	5.5 J	<250	<0.50	5,500	6.9	<2.5	530 J	<1.5	<1.0	1,000,000	<1.0	3.6 J	<50	<0.20
	MW30042023	4/26/2023	<250	<2.5	1.7 J	32	<1.0	<1.0	26,000	<1.0	<1.0	13	<250	<0.50	6,000	2.7 J	<2.5	420 J	<1.5	<1.0	950,000	<1.0	5.4	<50	<0.20
	MW30102022	10/7/2022	<25	<0.52	2.6	31	<0.31	<0.41	27,000	<0.82	0.17 J	6.1	<820	<0.21	5,600	4.4	<0.82	480	<0.62	<0.31	880,000	<0.31	5.6	11 J	<0.16
	MW30042022	4/20/2022	<250	<2.5	1.7 J	31	<1.0	<1.0	24,000	<1.0	<1.0	30	<250	<0.50	5,300	8.2	1.8 J	540 J	<1.5	<1.0	980,000	<1.0	4.9 J	<50	<0.20
MW31	MW31102023	10/9/2023	<500	<5.0	<2.5	16	<2.0	<2.0	160,000	<2.0	<2.0	10 J	<500	<1.0	33,000	110	<5.0	540 J	32	<2.0	1,900,000	<2.0	<5.0	<100	<0.20
	MW31042023	4/26/2023	<500	<5.0	<2.5	16	<2.0	<2.0	140,000	<2.0	<2.0	13 J	<500	<1.0	31,000	120	<5.0	<1,000	27	<2.0	1,800,000	<2.0	<5.0	<100	<0.20
	MW31102022	10/7/2022	<25	<0.52	0.79 J	15	<0.31	<0.41	150,000	<0.82	0.26 J	11	31 J	<0.21	29,000	100	1.3 J	420	27	<0.31	1,700,000	<0.31	1.9 J	19	<0.16
	MW31042022	4/21/2022	<500	<5.0	<2.5	18	<2.0	<2.0	130,000	<2.0	<2.0	35	<500	<1.0	28,000	110	<5.0	530 J	25	<2.0	1,800,000	<2.0	<5.0	<100	<0.20

TABLE B-6: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
MW32	MW32102023	10/2/2023	<500	<5.0	<2.5	19	<2.0	<2.0	130,000	<2.0	<2.0	<10	<500	<1.0	27,000	35	3.6 J	630 J	**110**	<2.0	1,400,000	<2.0	3.1 J	<100	<0.20
	MW32042023	4/17/2023	<250	<2.5	<1.2	14	<1.0	<1.0	130,000	<1.0	<1.0	<5.0	<250	<0.50	26,000	39	<2.5	610 J	**100**	<1.0	1,300,000	<1.0	1.8 J	<50	<0.20
	MW32102022	10/3/2022	<25	<0.52	<1.8	15	<0.31	<0.41	130,000	<0.82	0.24 J	25	<41	<0.21	26,000	51	1.4 J	490	**110**	<0.31	1,300,000	<0.31	1.3 J	<8.2	<0.16
	MW32042022	4/11/2022	<250	<2.5	<1.2	14	<1.0	<1.0	130,000	<1.0	<1.0	<5.0	<250	<0.50	26,000	49	<2.5	570 J	**110**	<1.0	1,400,000	<1.0	<2.5	<50	0.14 J
MW33	MW33102023	10/9/2023	<250	<2.5	2.9 J	30	<1.0	<1.0	9,400	<1.0	<1.0	<5.0	<250	<0.50	2,700	19	1.3 J	1,200	<1.5	<1.0	680,000	<1.0	6.9	<50	<0.20
	MW33042023	4/24/2023	<250	<2.5	3.3 J	24	<1.0	<1.0	8,400	1.2 J	<1.0	<5.0	<250	<0.50	2,600	17	<2.5	2,000	<1.5	<1.0	670,000	<1.0	7.2	31 J	<0.20
	MW33102022	10/10/2022	24 J	0.28 J	2.8	23	<0.31	<0.41	7,500	<0.82	<0.41	1.1	<41	<0.21	1,800	12	0.96 J	1,400	0.32 J	<0.31	500,000	<0.31	5.8	<8.2	<0.16
	MW33042022	4/18/2022	<250	<2.5	2.8 J	20	<1.0	<1.0	5,100	<1.0	<1.0	21	<250	<0.50	1,400	5.0 J	<2.5	1,800	<1.5	<1.0	650,000	<1.0	9.3	<50	<0.20
MW34	MW34102023	10/9/2023	<500	<5.0	<2.5	25	<2.0	<2.0	71,000	<2.0	<2.0	<10	<500	<1.0	16,000	33	<5.0	510 J	2.3 J	<2.0	1,600,000	<2.0	<5.0	<100	<0.20
	MW34042023	4/24/2023	<500	<5.0	<2.5	7.6 J	<2.0	<2.0	300,000	<2.0	1.2 J	<10	<500	<1.0	130,000	**1,200**	<5.0	1,600 J	<3.0	<2.0	2,000,000	<2.0	<5.0	<100	<0.20
	MW34102022	10/10/2022	<25	<0.52	1.0 J	22	<0.31	<0.41	68,000	<0.82	<0.41	2.0	<41	<0.21	14,000	59	0.84 J	340	2.0	<0.31	1,500,000	<0.31	3.9 J	<8.2	<0.16
	MW34042022	4/18/2022	<500	<5.0	<2.5	21	<2.0	<2.0	67,000	<2.0	<2.0	26	<500	<1.0	15,000	75	<5.0	<1,000	1.7 J	<2.0	1,700,000	<2.0	3.9 J	<100	<0.20
MW35	MW35102023	10/9/2023	<250	<2.5	<1.2	10	<1.0	<1.0	19,000	0.69 J	<1.0	<5.0	<250	<0.50	2,800	32	<2.5	1,200	<1.5	<1.0	770,000	<1.0	1.9 J	<50	<0.20
	MW35042023	4/24/2023	<250	<2.5	<1.2	9.0	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	2,800	30	<2.5	1,200	<1.5	<1.0	750,000	<1.0	4.0 J	<50	<0.20
	MW35102022DUP	10/11/2022	<25	<0.52	<1.8	9.6	<0.31	<0.41	24,000	<0.82	<0.41	<0.93	<41	<0.21	2,500	34	<0.82	970	0.52 J	<0.31	720,000	<0.31	2.8 J	<8.2	<0.16
	MW35102022	10/11/2022	<25	<0.52	<1.8	9.3	<0.31	<0.41	23,000	<0.82	<0.41	<0.93	<41	<0.21	2,500	33	0.46 J	950	0.61 J	<0.31	690,000	<0.31	2.8 J	<8.2	<0.16
	MW35042022	4/20/2022	<250	<2.5	<1.2	11	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	2,700	35	<2.5	1,100	<1.5	<1.0	790,000	<1.0	1.4 J	<50	<0.20
	MW35042022DUP	4/20/2022	<250	<2.5	<1.2	10	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	2,700	36	1.6 J	1,100	<1.5	<1.0	780,000	<1.0	<2.5	<50	<0.20
MW36D	MW36D102023	10/5/2023	<250	<2.5	<1.2	190	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	160 J	<0.50	14,000	**260**	<2.5	880 J	<1.5	<1.0	560,000	<1.0	<2.5	<50	<0.20
	MW36D042023	4/24/2023	<250	<2.5	<1.2	170	<1.0	<1.0	37,000	<1.0	<1.0	22	<250	<0.50	14,000	**230**	<2.5	990 J	<1.5	<1.0	570,000	<1.0	<2.5	<50	<0.20
	MW36D102022	10/14/2022	<25	<0.52	<1.8	170	<0.31	<0.41	40,000	<0.82	<0.41	0.67 J	60	<0.21	14,000	**200**	<0.82	910	<0.62	<0.31	520,000	<0.31	<2.1	<8.2	<0.16
	MW36D042022	4/18/2022	<250	<2.5	<1.2	160	<1.0	<1.0	38,000	<1.0	<1.0	<5.0	<250	<0.50	13,000	**200**	<2.5	840 J	<1.5	<1.0	600,000	<1.0	2.1 J	<50	<0.20
	MW36D042022DUP	4/18/2022	<250	<2.5	<1.2	160	<1.0	<1.0	36,000	<1.0	<1.0	<5.0	<250	<0.50	13,000	**200**	<2.5	820 J	<1.5	<1.0	570,000	<1.0	<2.5	<50	<0.20
MW36S	MW36S102023	10/5/2023	<500	<5.0	<2.5	6.1 J	<2.0	<2.0	310,000	<2.0	1.1 J	<10	<500	<1.0	140,000	**990**	<5.0	1,500 J	2.1 J	<2.0	2,000,000	<2.0	<5.0	<100	<0.20
	MW36S042023	4/24/2023	<500	<5.0	<2.5	6.2 J	<2.0	<2.0	300,000	<2.0	1.0 J	<10	<500	<1.0	130,000	**1,200**	<5.0	1,600 J	<3.0	<2.0	2,000,000	<2.0	2.8 J	<100	<0.20
	MW36S102022	10/14/2022	<25	<0.52	<1.8	7.6	<0.31	<0.41	340,000	<0.82	0.89	2.2	<41	<0.21	140,000	**1,100**	1.8	1,400	0.85 J	<0.31	2,000,000	<0.31	1.1 J	7.7 J	<0.16
	MW36S042022	4/18/2022	<500	<5.0	<2.5	6.8 J	<2.0	<2.0	300,000	<2.0	1.1 J	<10	<500	<1.0	130,000	**1,300**	<5.0	1,300 J	<3.0	<2.0	2,100,000	<2.0	<5.0	<100	<0.20
MW37	MW37102023	10/11/2023	<250	<2.5	2.0 J	29	<1.0	<1.0	18,000	0.72 J	<1.0	<5.0	<250	<0.50	4,400	19	1.5 J	<500	<1.5	<1.0	620,000	<1.0	5.0	<50	<0.20
	MW37042023	4/25/2023	<250	<2.5	0.92 J	32	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	4,400	17	<2.5	<500	<1.5	<1.0	620,000	<1.0	2.3 J	<50	<0.20
	MW37102022DUP	10/10/2022	430	<0.52	1.6 J	83	0.25 J	<0.41	54,000	<0.82	0.65	3.8	45 J	0.95	4,700	**480**	1.6	180 J	<0.62	<0.31	520,000	<0.31	3.3 J	21	<0.16
	MW37102022	10/10/2022	<25	<0.52	1.1 J	32	<0.31	<0.41	19,000	<0.82	<0.41	1.4	<41	<0.21	4,400	4.1	1.1 J	140 J	<0.62	<0.31	630,000	<0.31	2.6 J	<8.2	<0.16
	MW37042022	4/20/2022	<250	<2.5	<1.2	39	<1.0	<1.0	18,000	<1.0	<1.0	<5.0	<250	<0.50	4,300	72	<2.5	<500	<1.5	<1.0	620,000	<1.0	1.3 J	<50	<0.20
MW38	MW38102023	10/9/2023	<250	<2.5	<1.2	16	<1.0	<1.0	32,000	<1.0	<1.0	2.6 J	<250	<0.50	7,300	91	1.5 J	320 J	<1.5	<1.0	770,000	<1.0	2.2 J	<50	<0.20
	MW38042023	4/27/2023	<250	<2.5	0.67 J	15	<1.0	<1.0	32,000	<1.0	<1.0	<5.0	<250	<0.50	7,000	27	1.6 J	650 J	<1.5	<1.0	780,000	<1.0	3.3 J	<50	<0.20
	MW38102022	10/10/2022	<25	0.27 J	0.85 J	14	<0.31	<0.41	30,000	<0.82	0.26 J	2.2	<41	<0.21	6,300	8.2	1.3 J	190 J	<0.62	<0.31	570,000	<0.31	2.9 J	<8.2	<0.16
	MW38042022	4/22/2022	<250	<2.5	<1.2	16	<1.0	<1.0	30,000	<1.0	<1.0	24	<250	<0.50	6,800	16	2.1 J	270 J	<1.5	<1.0	770,000	<1.0	2.1 J	<50	<0.20
MW39	MW39102023	10/9/2023	<500	<5.0	1.9 J	40	<2.0	<2.0	62,000	<2.0	<2.0	<10	<500	<1.0	22,000	**290**	3.1 J	510 J	<3.0	<2.0	1,600,000	<2.0	3.7 J	<100	<0.20
	MW39042023	4/27/2023	<500	<5.0	3.6 J	58	<2.0	<2.0	61,000	<2.0	<2.0	<10	<500	<1.0	21,000	78	<5.0	<1,000	1.6 J	<2.0	1,600,000	<2.0	6.8 J	<100	<0.20
	MW39102022	10/13/2022	18 J	0.26 J	4.1	41	<0.31	<0.41	40,000	0.75 J	0.58	3.8	<41	<0.21	13,000	36	2.4	370	1.1	<0.31	1,300,000	<0.31	7.4	<8.2	<0.16
	MW39042022	4/22/2022	<500	<5.0	3.0 J	38	<2.0	<2.0	40,000	<2.0	<2.0	28	310 J	<1.0	14,000	190	3.6 J	510 J	<3.0	<2.0	1,400,000	<2.0	5.8 J	<100	<0.20
SMW01	SMW01102023	10/4/2023	<250	<2.5	2.9 J	30	<1.0	<1.0	18,000	<1.0	<1.0	4.5 J	<250	<0.50	6,400	43	2.0 J	<500	<1.5	<1.0	1,100,000	<1.0	7.1	<50	<0.20
	SMW01042023	4/19/2023	<250	<2.5	2.3 J	36	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	6,600	**290**	2.2 J	<500	<1.5	<1.0	1,100,000	<1.0	6.1	30 J	<0.20
	SMW01042023DUP	4/19/2023	<250	<2.5	2.4 J	34	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	6,400	**270**	1.9 J	<500	<1.5	<1.0	1,100,000	<1.0	5.9	29 J	<0.20
	SMW01102022	10/4/2022	<25	<0.52	2.4	29	<0.31	<0.41	21,000	<0.82	0.16 J	20	<41	<0.21	6,800	15	2.4	210	0.46 J	<0.31	1,100,000	<0.31	5.2	<8.2	<0.16
	SMW01042022	4/12/2022	<500	<5.0	2.5 J	30	<2.0	<2.0	21,000	<2.0	<2.0	<10	<500	<1.0	7,300	110	<5.0	<1,000	<3.0	<2.0	1,100,000	<2.0	9.8 J	<100	<0.20
TMW01	TMW01102023	10/6/2023	<250	<2.5	0.64 J	12	<1.0	<1.0	120,000	<1.0	<1.0	3.4 J	<250	<0.50	20,000	16	<2.5	<500	2.5 J	<1.0	590,000	<1.0	13	<50	<0.20
	TMW01042023	4/20/2023	<250	<2.5	0.90 J	12	<1.0	<1.0	110,000	0.60 J	<1.0	<5.0	<250	<0.50	20,000	16	<2.5	300 J	2.7 J	<1.0	590,000	<1.0	14	<50	<0.20
	TMW01102022	10/6/2022	<25	<0.52	0.76 J	11	<0.31	<0.41	95,000	<0.82	<0.41	4.6	<41	<0.21	20,000	16	<0.82	240	2.9	<0.31	430,000	<0.31	12	<8.2	<0.16
	TMW01042022	4/15/2022	<250	<2.5	<1.2	11	<1.0	<1.0	110,000	<1.0	<1.0	3.2 J	<250	<0.50	19,000	13	<2.5	<500	2.8 J	<1.0	580,000	<1.0	12	<50	<0.20

TABLE B-6: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
TMW02	TMW02102023	10/6/2023	<250	<2.5	0.90 J	8.0	<1.0	<1.0	24,000	<1.0	<1.0	<5.0	<250	<0.50	2,800	<2.5	<2.5	1,200	**74**	<1.0	1,100,000	<1.0	40	<50	<0.20
	TMW02102023FDUP05	10/6/2023	<250	<2.5	0.96 J	8.0	<1.0	<1.0	24,000	<1.0	<1.0	<5.0	<250	<0.50	2,900	<2.5	<2.5	1,300	**74**	<1.0	1,100,000	<1.0	41	<50	<0.20
	TMW02042023	4/21/2023	<500	<5.0	<2.5	8.0 J	<2.0	<2.0	24,000	<2.0	<2.0	<10	<500	<1.0	2,900	<5.0	<5.0	1,400 J	**74**	<2.0	1,100,000	<2.0	42	<100	<0.20
	TMW02042023DUP	4/21/2023	<500	<5.0	<2.5	7.8 J	<2.0	<2.0	24,000	<2.0	<2.0	<10	<500	<1.0	2,800	<5.0	<5.0	1,400 J	**74**	<2.0	1,100,000	<2.0	43	<100	<0.20
	TMW02102022DUP	10/7/2022	<25	<0.52	1.2 J	7.7	<0.31	<0.41	27,000	0.36 J	<0.41	0.40 J	<41	<0.21	2,700	1.0 J	<0.82	1,100	**73**	<0.31	1,000,000	<0.31	39	<8.2	<0.16
	TMW02102022	10/7/2022	<25	<0.52	1.1 J	7.5	<0.31	<0.41	28,000	<0.82	<0.41	0.49 J	<41	<0.21	2,700	<98	<0.82	1,100	**73**	<0.31	990,000	<0.31	40	<8.2	<0.16
	TMW02042022	4/15/2022	<500	<5.0	<2.5	7.9 J	<2.0	<2.0	24,000	1.2 J	<2.0	24	<500	<1.0	2,900	<5.0	<5.0	1,300 J	**76**	<2.0	1,100,000	<2.0	40	<100	<0.20
	TMW02042022DUP	4/15/2022	<500	<5.0	<2.5	7.2 J	<2.0	<2.0	26,000	<2.0	<2.0	<10	<500	<1.0	2,800	<5.0	<5.0	1,300 J	**78**	<2.0	1,100,000	<2.0	38	<100	<0.20
TMW03	TMW03102023	10/10/2023	<250	<2.5	0.70 J	13	<1.0	<1.0	55,000	6.4	<1.0	<5.0	<250	<0.50	13,000	4.2 J	1.6 J	280 J	**62**	<1.0	980,000	<1.0	2.2 J	<50	<0.20
	TMW03102023FDUP06	10/10/2023	<250	<2.5	0.68 J	13	<1.0	<1.0	53,000	6.5	<1.0	<5.0	<250	<0.50	12,000	4.2 J	1.8 J	280 J	**64**	<1.0	960,000	<1.0	2.1 J	<50	<0.20
	TMW03042023	4/24/2023	<250	<2.5	<1.2	13	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.1 J	<2.5	450 J	**63**	<1.0	950,000	<1.0	1.9 J	<50	<0.20
	TMW03042023DUP	4/24/2023	<250	<2.5	<1.2	13	<1.0	<1.0	53,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.5 J	<2.5	460 J	**64**	<1.0	970,000	<1.0	2.1 J	<50	<0.20
	TMW03102022	10/10/2022	<25	<0.52	<1.8	13	<0.31	<0.41	53,000	<0.82	<0.41	0.80 J	<41	<0.21	11,000	4.6	<0.82	260	**60**	<0.31	920,000	<0.31	1.8 J	4.3 J	<0.16
	TMW03042022	4/19/2022	<250	<2.5	<1.2	13	<1.0	<1.0	52,000	<1.0	<1.0	30	<250	<0.50	11,000	5.2	<2.5	370 J	**57**	<1.0	970,000	<1.0	<2.5	<50	<0.20
TMW04	TMW04102023	10/4/2023	<250	<2.5	1.5 J	7.8	<1.0	<1.0	30,000	3.0 J	<1.0	<5.0	<250	<0.50	5,800	<2.5	<2.5	550 J	**76**	<1.0	900,000	<1.0	19	<50	<0.20
	TMW04042023	4/21/2023	<250	<2.5	0.93 J	7.9	<1.0	<1.0	30,000	2.7 J	<1.0	<5.0	<250	<0.50	5,500	<2.5	<2.5	550 J	**73**	<1.0	830,000	<1.0	18	<50	<0.20
	TMW04102022	10/7/2022	<25	<0.52	1.0 J	7.7	<0.31	<0.41	34,000	3.5	<0.41	0.41 J	<41	<0.21	5,300	<2.0	<0.82	470	**74**	<0.31	860,000	<0.31	16	<8.2	<0.16
	TMW04042022	4/15/2022	<250	<2.5	<1.2	7.3	<1.0	<1.0	28,000	2.3 J	<1.0	<5.0	<250	<0.50	5,200	<2.5	<2.5	580 J	**74**	<1.0	880,000	<1.0	16	<50	<0.20
TMW06	TMW06102023	10/11/2023	<250	<2.5	2.1 J	16	<1.0	<1.0	35,000	0.85 J	<1.0	3.5 J	<250	<0.50	7,600	45	<2.5	340 J	0.85 J	<1.0	900,000	<1.0	7.0	<50	<0.20
	TMW06042023	4/26/2023	<250	<2.5	1.2 J	16	<1.0	<1.0	36,000	0.65 J	<1.0	3.0 J	<250	<0.50	7,800	26	<2.5	290 J	1.1 J	<1.0	930,000	<1.0	4.3 J	<50	0.12 J
	TMW06102022	10/12/2022	<25	<0.52	1.0 J	15	<0.31	<0.41	34,000	<0.82	<0.41	1.7	<41	<0.21	7,100	40	0.51 J	190 J	0.67 J	<0.31	870,000	<0.31	3.6 J	<8.2	<0.16
	TMW06042022	4/20/2022	<250	<2.5	<1.2	15	<1.0	<1.0	34,000	<1.0	<1.0	25	<250	<0.50	7,300	21	<2.5	<500	<1.5	<1.0	950,000	<1.0	1.8 J	<50	<0.20
TMW07	TMW07102023	10/6/2023	<500	<5.0	<2.5	13	<2.0	<2.0	58,000	<2.0	<2.0	<10	<500	<1.0	11,000	**280**	<5.0	3,600	<3.0	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW07042023	4/21/2023	<500	<5.0	<2.5	15	<2.0	<2.0	56,000	<2.0	<2.0	<10	<500	<1.0	10,000	**260**	<5.0	4,100	<3.0	<2.0	1,300,000	<2.0	3.9 J	<100	<0.20
	TMW07102022	10/5/2022	<25	<0.52	<1.8	11	<0.31	<0.41	66,000	<0.82	0.25 J	24	<41	<0.21	11,000	**300**	1.6	2,000	<0.62	<0.31	1,300,000	<0.31	4.9	15	<0.16
	TMW07042022	4/15/2022	<500	<5.0	<2.5	15	<2.0	<2.0	56,000	<2.0	1.7 J	27	<500	<1.0	10,000	**280**	29	4,200	<3.0	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
TMW08	TMW08102023	10/5/2023	<1,000	<10	<5.0	5.3 J	<4.0	<4.0	320,000	<4.0	<4.0	<20	<1,000	<2.0	98,000	**660**	<10	1,400 J	44	<4.0	4,500,000	<4.0	<10	<200	<0.20
	TMW08042023	4/19/2023	<1,000	<10	<5.0	7.5 J	<4.0	<4.0	410,000	<4.0	<4.0	<20	<1,000	<2.0	110,000	**630**	<10	2,100 J	39	<4.0	4,700,000	<4.0	<10	370 J	<0.20
	TMW08102022	10/5/2022	<25	<0.52	<1.8	6.2	<0.31	<0.41	530,000	<0.82	0.59	2.0	45 J	<0.21	120,000	**590**	1.8	1,600	41	<0.31	4,600,000	<0.31	<2.1	8.7 J	<0.16
	TMW08042022	4/14/2022	<1,000	<10	<5.0	6.5 J	<4.0	<4.0	490,000	<4.0	<4.0	<20	<1,000	<2.0	120,000	**560**	<10	1,800 J	34	<4.0	4,600,000	<4.0	<10	<200	<0.20
TMW10	TMW10102023	10/5/2023	<500	<5.0	1.4 J	12	<2.0	<2.0	48,000	<2.0	<2.0	<10	<500	<1.0	11,000	22	<5.0	<1,000	<3.0	<2.0	1,500,000	<2.0	5.0 J	<100	<0.20
	TMW10102023FDUP04	10/5/2023	<500	<5.0	1.4 J	12	<2.0	<2.0	47,000	1.0 J	<2.0	<10	<500	<1.0	12,000	19	<5.0	<1,000	<3.0	<2.0	1,500,000	<2.0	4.5 J	<100	<0.20
	TMW10042023	4/20/2023	<500	<5.0	<2.5	14	<2.0	<2.0	53,000	<2.0	<2.0	<10	<500	<1.0	13,000	14	<5.0	<1,000	<3.0	<2.0	1,600,000	<2.0	3.4 J	<100	0.55
	TMW10042023DUP	4/20/2023	<500	<5.0	<2.5	14	<2.0	<2.0	55,000	<2.0	<2.0	<10	<500	<1.0	14,000	15	<5.0	<1,000	<3.0	<2.0	1,600,000	<2.0	3.3 J	<100	0.18 J
	TMW10102022	10/6/2022	<25	<0.52	0.86 J	12	<0.31	<0.41	46,000	<0.82	<0.41	1.3	<41	<0.21	9,700	21	0.94 J	220	<0.62	<0.31	1,300,000	<0.31	3.2 J	<8.2	<0.16
	TMW10042022	4/14/2022	<500	<5.0	<2.5	13	<2.0	<2.0	52,000	<2.0	<2.0	23	<500	<1.0	12,000	11	<5.0	<1,000	<3.0	<2.0	1,600,000	<2.0	2.9 J	<100	<0.20
TMW13	TMW13102023	10/11/2023	<250	<2.5	1.4 J	18	<1.0	<1.0	28,000	1.6 J	<1.0	<5.0	<250	<0.50	5,200	<2.5	<2.5	440 J	9.8	<1.0	570,000	<1.0	6.3	<50	<0.20
	TMW13102023FDUP09	10/11/2023	<250	<2.5	1.6 J	17	<1.0	<1.0	28,000	1.4 J	<1.0	<5.0	<250	<0.50	5,300	<2.5	<2.5	480 J	8.9	<1.0	560,000	<1.0	6.6	<50	<0.20
	TMW13042023	4/26/2023	<250	<2.5	<1.2	18	<1.0	<1.0	27,000	0.66 J	<1.0	<5.0	<250	<0.50	5,200	<2.5	<2.5	390 J	9.6	<1.0	560,000	<1.0	2.8 J	<50	0.12 J
	TMW13102022DUP	10/11/2022	<25	<0.52	<1.8	17	<0.31	<0.41	26,000	<0.82	<0.41	<0.93	<41	<0.21	4,600	<2.0	<0.82	290	9.5	<0.31	540,000	<0.31	2.4 J	<8.2	<0.16
	TMW13102022	10/11/2022	<25	<0.52	<1.8	17	<0.31	<0.41	26,000	<0.82	<0.41	<0.93	<41	<0.21	4,500	<2.0	<0.82	290	9.3	<0.31	530,000	<0.31	2.4 J	<8.2	<0.16
	TMW13042022	4/20/2022	<250	<2.5	<1.2	17	<1.0	<1.0	27,000	<1.0	<1.0	<5.0	<250	<0.50	5,100	<2.5	<2.5	360 J	9.3	<1.0	580,000	<1.0	<2.5	<50	<0.20
	TMW13042022DUP	4/20/2022	<250	<2.5	<1.2	17	<1.0	<1.0	27,000	<1.0	<1.0	<5.0	<250	<0.50	5,000	<2.5	<2.5	340 J	9.5	<1.0	580,000	<1.0	<2.5	<50	<0.20
TMW15	TMW15102023	10/11/2023	<250	<2.5	1.4 J	23	<1.0	<1.0	17,000	1.8 J	<1.0	<5.0	<250	<0.50	3,300	<2.5	<2.5	400 J	13	<1.0	560,000	<1.0	4.9 J	<50	<0.20
	TMW15042023	4/26/2023	<250	<2.5	<1.2	23	<1.0	<1.0	20,000	0.98 J	<1.0	<5.0	<250	<0.50	3,400	<2.5	<2.5	<500	13	<1.0	550,000	<1.0	1.8 J	<50	<0.20
	TMW15042023DUP	4/26/2023	<250	<2.5	<1.2	22	<1.0	<1.0	18,000	1.3 J	<1.0	<5.0	<250	<0.50	3,300	<2.5	<2.5	390 J	13	<1.0	550,000	<1.0	2.7 J	<50	<0.20
	TMW15102022	10/11/2022	<25	<0.52	<1.8	NA	<0.31	<0.41	18,000	NA	<0.41	0.51 J	<41	<0.21	NA	<2.0	<0.82	NA	12	<0.31	NA	<0.31	NA	<8.2	<0.16
	TMW15042022	4/20/2022	<250	<2.5	<1.2	20	<1.0	<1.0	17,000	0.79 J	<1.0	<5.0	<250	<0.50	3,200	<2.5	<2.5	330 J	12	<1.0	550,000	<1.0	<2.5	<50	<0.20

TABLE B-6: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
TMW21	TMW21102023	10/12/2023	<250	<2.5	0.81 J	16	<1.0	<1.0	34,000	7.5	<1.0	<5.0	<250	<0.50	6,400	29	4.4 J	400 J	5.5	<1.0	650,000	<1.0	2.0 J	<50	<0.20
	TMW21102023FDUP10	10/12/2023	<250	<2.5	0.82 J	16	<1.0	<1.0	34,000	7.4	<1.0	<5.0	<250	<0.50	6,300	33	4.5 J	420 J	6.0	<1.0	620,000	<1.0	2.2 J	<50	<0.20
	TMW21042023	4/27/2023	<250	<2.5	0.92 J	16	<1.0	<1.0	32,000	1.2 J	<1.0	<5.0	<250	<0.50	6,100	3.0 J	2.8 J	390 J	6.0	<1.0	640,000	<1.0	2.9 J	<50	<0.20
	TMW21102022	10/14/2022	<25	0.23 J	0.91 J	17	<0.31	<0.41	35,000	0.67 J	<0.41	2.5	<41	<0.21	6,600	54	1.7	500	5.5	<0.31	630,000	<0.31	2.6 J	<8.2	<0.16
	TMW21042022	4/21/2022	<250	<2.5	<1.2	16	<1.0	<1.0	34,000	1.2 J	<1.0	23	<250	<0.50	6,400	23	2.6 J	480 J	5.7	<1.0	650,000	<1.0	1.6 J	<50	<0.20
TMW22	TMW22102023	10/6/2023	<250	<2.5	0.81 J	19	<1.0	<1.0	37,000	0.89 J	<1.0	2.7 J	<250	<0.50	12,000	<2.5	1.8 J	550 J	2.1 J	<1.0	880,000	<1.0	4.1 J	<50	<0.20
	TMW22042023	4/21/2023	<250	<2.5	0.81 J	19	<1.0	<1.0	37,000	0.70 J	<1.0	<5.0	<250	<0.50	12,000	<2.5	<2.5	530 J	2.5 J	<1.0	850,000	<1.0	5.3	<50	<0.20
	TMW22102022	10/6/2022	<25	<0.52	0.81 J	17	<0.31	<0.41	36,000	0.51 J	<0.41	1.7	<41	<0.21	9,700	<2.0	0.46 J	430	1.9	<0.31	770,000	<0.31	4.5	5.5 J	<0.16
	TMW22042022	4/15/2022	<250	<2.5	<1.2	19	<1.0	<1.0	35,000	0.92 J	<1.0	<5.0	<250	<0.50	11,000	<2.5	<2.5	510 J	1.7 J	<1.0	830,000	<1.0	4.5 J	<50	<0.20
TMW23	TMW23102023	10/6/2023	<250	<2.5	0.81 J	19	<1.0	<1.0	17,000	0.71 J	<1.0	<5.0	<250	<0.50	4,600	<2.5	<2.5	330 J	<1.5	<1.0	760,000	<1.0	1.5 J	<50	<0.20
	TMW23042023	4/21/2023	<250	<2.5	1.1 J	19	<1.0	<1.0	17,000	1.8 J	<1.0	<5.0	<250	<0.50	4,500	<2.5	<2.5	340 J	<1.5	<1.0	760,000	<1.0	2.8 J	<50	<0.20
	TMW23102022	10/7/2022	<25	<0.52	1.2 J	20	<0.31	<0.41	17,000	0.68 J	0.18 J	0.67 J	<41	<0.21	4,600	<2.0	<0.82	260	<0.62	<0.31	630,000	<0.31	2.6 J	6.7 J	<0.16
	TMW23042022	4/15/2022	<250	<2.5	<1.2	17	<1.0	<1.0	16,000	0.92 J	<1.0	<5.0	<250	<0.50	4,300	<2.5	<2.5	400 J	<1.5	<1.0	750,000	<1.0	1.5 J	<50	<0.20
TMW24	TMW24102023	10/9/2023	<250	<2.5	1.1 J	37	<1.0	<1.0	43,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	140	<2.5	350 J	<1.5	<1.0	1,000,000	<1.0	<2.5	<50	<0.20
	TMW24042023	4/24/2023	<250	<2.5	1.2 J	36	<1.0	<1.0	40,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	130	<2.5	410 J	<1.5	<1.0	1,000,000	<1.0	2.6 J	<50	<0.20
	TMW24102022	10/13/2022	<25	<0.52	1.1 J	34	<0.31	<0.41	40,000	<0.82	0.20 J	0.49 J	55	<0.21	9,300	130	0.83 J	200 J	<0.62	<0.31	950,000	<0.31	1.7 J	<8.2	<0.16
	TMW24042022	4/19/2022	<250	<2.5	<1.2	35	<1.0	<1.0	40,000	<1.0	<1.0	21	<250	<0.50	10,000	130	1.4 J	310 J	<1.5	<1.0	1,100,000	<1.0	<2.5	<50	<0.20
TMW25	TMW25102023	10/6/2023	<250	<2.5	<1.2	12	<1.0	<1.0	51,000	<1.0	<1.0	2.9 J	<250	<0.50	11,000	67	1.7 J	250 J	<1.5	<1.0	890,000	<1.0	2.4 J	<50	<0.20
	TMW25042023	4/27/2023	<250	<2.5	0.67 J	11	<1.0	<1.0	50,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	21	1.3 J	<500	<1.5	<1.0	910,000	<1.0	3.9 J	<50	<0.20
	TMW25102022	10/12/2022	<25	<0.52	<1.8	11	<0.31	<0.41	49,000	<0.82	<0.41	1.5	<41	<0.21	9,800	91	0.68 J	150 J	<0.62	<0.31	770,000	<0.31	3.4 J	<8.2	<0.16
	TMW25042022	4/21/2022	<250	<2.5	<1.2	11	<1.0	<1.0	51,000	<1.0	<1.0	25	<250	<0.50	11,000	94	1.6 J	260 J	<1.5	<1.0	910,000	<1.0	2.2 J	<50	<0.20
TMW26	TMW26102023	10/4/2023	<250	<2.5	1.7 J	19	<1.0	<1.0	19,000	0.54 J	<1.0	4.1 J	<250	<0.50	7,700	130	1.9 J	290 J	<1.5	<1.0	910,000	<1.0	5.0	<50	<0.20
	TMW26042023	4/19/2023	<250	<2.5	1.2 J	19	<1.0	<1.0	20,000	<1.0	<1.0	<5.0	<250	<0.50	7,600	130	1.5 J	330 J	<1.5	<1.0	880,000	<1.0	4.6 J	29 J	<0.20
	TMW26102022	10/4/2022	<25	<0.52	1.2 J	17	0.20 J	<0.41	20,000	<0.82	0.29 J	1.8	<41	<0.21	7,100	110	2.1	270	<0.62	<0.31	790,000	<0.31	3.7 J	<8.2	<0.16
	TMW26042022	4/13/2022	<250	<2.5	0.86 J	19	<1.0	<1.0	19,000	<1.0	<1.0	23	<250	<0.50	7,300	110	2.7 J	320 J	<1.5	<1.0	870,000	<1.0	4.2 J	<50	<0.20
TMW27	TMW27102023	10/4/2023	<250	<2.5	**23**	130	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	560 J	<0.50	6,600	**580**	<2.5	480 J	<1.5	<1.0	360,000	<1.0	2.5 J	<50	<0.20
	TMW27102023FDUP03	10/4/2023	<250	<2.5	**22**	130	<1.0	<1.0	24,000	<1.0	<1.0	<5.0	560 J	<0.50	6,500	**550**	<2.5	480 J	<1.5	<1.0	340,000	<1.0	2.6 J	<50	<0.20
	TMW27042023	4/19/2023	<250	<2.5	**22**	130	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	580 J	<0.50	6,500	**570**	<2.5	450 J	<1.5	<1.0	340,000	<1.0	<2.5	39 J	<0.20
	TMW27102022	10/4/2022	<25	<0.52	**21**	NA	<0.31	<0.41	25,000	<0.82	0.18 J	<0.93	550	<0.21	6,200	**550**	0.43 J	390	<0.62	<0.31	300,000	<0.31	<2.1	<8.2	<0.16
	TMW27042022	4/13/2022	<250	<2.5	**20**	120	<1.0	<1.0	23,000	<1.0	<1.0	<5.0	550 J	<0.50	6,300	**550**	<2.5	450 J	<1.5	<1.0	340,000	<1.0	<2.5	<50	<0.20
TMW28	TMW28102023	10/10/2023	<250	<2.5	<1.2	54	<1.0	<1.0	80,000	6.9	<1.0	<5.0	360 J	<0.50	25,000	**350**	1.9 J	1,000	<1.5	<1.0	390,000	<1.0	<2.5	<50	<0.20
	TMW28042023	4/24/2023	<250	<2.5	<1.2	62	<1.0	<1.0	170,000	<1.0	<1.0	<5.0	450 J	<0.50	50,000	**590**	<2.5	1,200	<1.5	<1.0	650,000	<1.0	<2.5	<50	<0.20
	TMW28102022	10/7/2022	<25	<0.52	<1.8	47	<0.31	<0.41	69,000	<0.82	<0.41	<0.93	280	<0.21	21,000	**280**	<0.82	920	<0.62	<0.31	300,000	<0.31	<2.1	<8.2	<0.16
	TMW28042022	4/18/2022	<250	<2.5	<1.2	43	<1.0	<1.0	88,000	<1.0	<1.0	<5.0	260 J	<0.50	27,000	**330**	<2.5	980 J	<1.5	<1.0	360,000	<1.0	<2.5	<50	<0.20
TMW29	TMW29102023	10/6/2023	<250	<2.5	0.74 J	20	<1.0	<1.0	39,000	0.65 J	<1.0	<5.0	<250	<0.50	7,600	5.2	<2.5	660 J	17	<1.0	580,000	<1.0	3.3 J	<50	<0.20
	TMW29042023	4/21/2023	<250	<2.5	1.0 J	18	<1.0	<1.0	39,000	1.0 J	<1.0	<5.0	<250	<0.50	7,300	8.1	<2.5	710 J	17	<1.0	570,000	<1.0	4.8 J	<50	<0.20
	TMW29102022	10/6/2022	<25	<0.52	0.96 J	17	<0.31	<0.41	38,000	0.61 J	<0.41	0.81 J	<41	<0.21	7,000	9.0	0.43 J	570	14	<0.31	480,000	<0.31	4.4	<8.2	<0.16
	TMW29042022	4/15/2022	<250	<2.5	<1.2	18	<1.0	<1.0	37,000	1.3 J	<1.0	23	<250	<0.50	7,100	<2.5	<2.5	710 J	17	<1.0	570,000	<1.0	4.4 J	<50	<0.20
TMW31S	TMW31S102023	10/5/2023	<250	<2.5	<1.2	13	<1.0	<1.0	120,000	1.4 J	<1.0	2.9 J	<250	<0.50	22,000	7.6	<2.5	340 J	6.7	<1.0	580,000	<1.0	2.7 J	<50	<0.20
	TMW31S042023	4/19/2023	<250	<2.5	<1.2	13	<1.0	<1.0	130,000	1.2 J	<1.0	<5.0	<250	<0.50	21,000	9.6	<2.5	420 J	7.2	<1.0	560,000	<1.0	2.8 J	42 J	<0.20
	TMW31S102022	10/6/2022	<25	<0.52	<1.8	13	<0.31	<0.41	110,000	0.97 J	<0.41	0.68 J	<41	<0.21	19,000	9.6	<0.82	280	7.0	<0.31	490,000	<0.31	2.1 J	6.0 J	<0.16
	TMW31S042022	4/14/2022	<250	<2.5	<1.2	13	<1.0	<1.0	110,000	1.5 J	<1.0	<5.0	<250	<0.50	20,000	9.9	<2.5	320 J	6.4	<1.0	540,000	<1.0	1.5 J	<50	<0.20
TMW33	TMW33102023	10/6/2023	<500	<5.0	<2.5	14	<2.0	<2.0	110,000	<2.0	<2.0	<10	<500	<1.0	33,000	26	<5.0	<1,000	<3.0	<2.0	2,500,000	<2.0	<5.0	<100	<0.20
	TMW33042023	4/21/2023	<500	<5.0	<2.5	15	<2.0	<2.0	110,000	<2.0	<2.0	<10	<500	<1.0	32,000	62	<5.0	590 J	<3.0	<2.0	2,400,000	<2.0	3.4 J	<100	<0.20
	TMW33102022	10/7/2022	<25	<0.52	1.1 J	16	<0.31	<0.41	120,000	<0.82	0.17 J	2.5	<41	<0.21	33,000	52	<0.82	420	0.34 J	<0.31	2,300,000	<0.31	3.9 J	6.6 J	<0.16
	TMW33042022	4/15/2022	<500	<5.0	<2.5	15	<2.0	<2.0	110,000	<2.0	<2.0	<10	<500	<1.0	31,000	48	<5.0	560 J	<3.0	<2.0	2,400,000	<2.0	<5.0	<100	<0.20

TABLE B-6: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			**5,000**	**6**	**10**	**2,000**	**4**	**5**	**–**	**50**	**50**	**1,000**	**1,000**	**15**	**–**	**200**	**200**	**–**	**50**	**50**	**–**	**2**	**86**	**10,000**	**2**
TMW34	**TMW34102023**	**10/10/2023**	<500	<5.0	<2.5	13	<2.0	<2.0	130,000	<2.0	<2.0	14 J	<500	<1.0	27,000	140	<5.0	700 J	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW34102023FDUP07	**10/10/2023**	<500	<5.0	<2.5	13	<2.0	<2.0	120,000	<2.0	<2.0	12 J	<500	<1.0	27,000	140	<5.0	730 J	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW34042023	**4/26/2023**	<500	<5.0	<2.5	12	<2.0	<2.0	120,000	<2.0	<2.0	<10	<500	<1.0	27,000	150	<5.0	650 J	**120**	<2.0	1,300,000	<2.0	<5.0	<100	0.11 J
	TMW34102022DUP	**10/11/2022**	<25	<0.52	<1.8	11	<0.31	<0.41	120,000	<0.82	<0.41	0.71 J	<41	<0.21	24,000	130	<0.82	460	**120**	<0.31	1,100,000	<0.31	1.2 J	<8.2	<0.16
	TMW34102022	**10/11/2022**	<25	<0.52	<1.8	12	<0.31	<0.41	120,000	<0.82	0.16 J	0.60 J	<41	<0.21	24,000	140	0.49 J	450	**110**	<0.31	1,200,000	<0.31	1.2 J	<8.2	<0.16
	TMW34042022	**4/19/2022**	<500	<5.0	<2.5	12	<2.0	<2.0	130,000	<2.0	<2.0	<10	<500	<1.0	27,000	140	<5.0	610 J	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW34042022DUP	**4/19/2022**	<500	<5.0	<2.5	12	<2.0	<2.0	130,000	<2.0	<2.0	22	<500	<1.0	27,000	140	<5.0	650 J	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
TMW35	**TMW35102023**	**10/11/2023**	<250	<2.5	1.7 J	12	<1.0	<1.0	72,000	1.6 J	<1.0	<5.0	<250	<0.50	14,000	25	1.4 J	390 J	2.1 J	<1.0	1,100,000	<1.0	5.1	<50	<0.20
	TMW35042023	**4/26/2023**	<250	<2.5	<1.2	11	<1.0	<1.0	70,000	26	<1.0	3.5 J	660 J	<0.50	14,000	36	<2.5	<500	1.9 J	<1.0	1,100,000	<1.0	1.3 J	<50	<0.20
	TMW35102022	**10/11/2022**	<25	<0.52	<1.8	11	<0.31	<0.41	71,000	<0.82	<0.41	1.4	<41	<0.21	13,000	13	0.60 J	220	2.7	<0.31	980,000	<0.31	1.6 J	<8.2	<0.16
	TMW35042022	**4/20/2022**	<250	<2.5	<1.2	11	<1.0	<1.0	74,000	<1.0	<1.0	<5.0	140 J	<0.50	14,000	21	<2.5	290 J	3.5 J	<1.0	1,100,000	<1.0	<2.5	<50	<0.20
TMW39S	**TMW39S102023**	**10/6/2023**	<250	<2.5	<1.2	11	<1.0	<1.0	64,000	1.2 J	<1.0	<5.0	<250	<0.50	14,000	<2.5	<2.5	390 J	8.7	<1.0	770,000	<1.0	1.7 J	<50	<0.20
	TMW39S042023	**4/20/2023**	<250	<2.5	<1.2	12	<1.0	<1.0	72,000	1.5 J	<1.0	<5.0	<250	<0.50	16,000	<2.5	<2.5	440 J	10	<1.0	850,000	<1.0	3.5 J	<50	<0.20
	TMW39S102022	**10/7/2022**	<25	<0.52	<1.8	12	<0.31	<0.41	77,000	1.2 J	<0.41	1.0	<41	<0.21	15,000	1.2 J	<0.82	320	9.6	<0.31	730,000	<0.31	2.9 J	<8.2	<0.16
	TMW39S042022	**4/13/2022**	<250	<2.5	<1.2	12	<1.0	<1.0	68,000	1.2 J	<1.0	20	<250	<0.50	15,000	<2.5	<2.5	400 J	9.9	<1.0	810,000	<1.0	3.2 J	<50	<0.20
TMW41	**TMW41102023**	**10/6/2023**	<250	<2.5	<1.2	10	<1.0	<1.0	15,000	0.63 J	<1.0	<5.0	<250	<0.50	3,700	<2.5	<2.5	480 J	<1.5	<1.0	870,000	<1.0	5.1	<50	<0.20
	TMW41042023	**4/21/2023**	<250	<2.5	<1.2	9.3	<1.0	<1.0	15,000	<1.0	<1.0	<5.0	<250	<0.50	3,700	<2.5	<2.5	550 J	<1.5	<1.0	850,000	<1.0	7.0	<50	<0.20
	TMW41102022	**10/7/2022**	<25	<0.52	0.80 J	11	<0.31	<0.41	18,000	0.49 J	<0.41	0.46 J	<41	<0.21	3,800	<2.0	<0.82	430	0.35 J	<0.31	81,000	<0.31	7.0	4.4 J	<0.16
	TMW41042022	**4/15/2022**	<250	<2.5	<1.2	10	<1.0	<1.0	15,000	0.62 J	<1.0	28	<250	<0.50	3,600	1.5 J	<2.5	540 J	<0.75	<1.0	850,000	<1.0	5.4	<50	<0.20
TMW43	**TMW43102023**	**10/10/2023**	<250	<2.5	<1.2	20	<1.0	<1.0	36,000	<1.0	<1.0	8.0 J	<250	<0.50	6,400	52	<2.5	680 J	6.4	<1.0	560,000	<1.0	1.7 J	<50	<0.20
	TMW43042023	**4/25/2023**	<250	<2.5	<1.2	20	<1.0	<1.0	35,000	<1.0	<1.0	<5.0	<250	<0.50	6,600	57	<2.5	610 J	6.5	<1.0	580,000	<1.0	1.3 J	<50	<0.20
	TMW43042023DUP	**4/25/2023**	<250	<2.5	<1.2	19	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	6,100	51	<2.5	590 J	6.6	<1.0	570,000	<1.0	<2.5	<50	<0.20
	TMW43102022	**10/11/2022**	<25	<0.52	<1.8	18	<0.31	<0.41	34,000	<0.82	0.17 J	0.49 J	<41	<0.21	5,700	48	<0.82	520	6.0	<0.31	510,000	<0.31	1.7 J	<8.2	<0.16
	TMW43042022	**4/19/2022**	<250	<2.5	<1.2	20	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	6,200	75	<2.5	610 J	4.4 J	<1.0	570,000	<1.0	<2.5	<50	<0.20
TMW44	**TMW44102023**	**10/2/2023**	<250	<2.5	1.1 J	16	<1.0	<1.0	37,000	1.6 J	<1.0	<5.0	<250	<0.50	12,000	2.0 J	<2.5	320 J	2.6 J	<1.0	780,000	<1.0	5.2	<50	<0.20
	TMW44042023	**4/18/2023**	<250	<2.5	0.67 J	15	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.2 J	<2.5	380 J	2.3 J	<1.0	750,000	<1.0	3.3 J	<50	<0.20
	TMW44102022	**10/4/2022**	<25	<0.52	0.80 J	15	<0.31	<0.41	38,000	<0.82	<0.41	22	<41	<0.21	11,000	9.9	1.1 J	260	2.3	<0.31	660,000	<0.31	3.2 J	5.3 J	<0.16
	TMW44042022	**4/12/2022**	<250	<2.5	0.85 J	16	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	1.4 J	<2.5	350 J	3.1 J	<1.0	770,000	<1.0	5.3	<50	<0.20
TMW45	**TMW45102023**	**10/11/2023**	<250	<2.5	1.9 J	67	<1.0	<1.0	30,000	1.4 J	<1.0	<5.0	<250	<0.50	7,700	160	2.0 J	540 J	1.1 J	<1.0	970,000	<1.0	6.6	<50	<0.20
	TMW45042023	**4/25/2023**	<250	<2.5	0.74 J	64	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	7,300	15	<2.5	420 J	1.0 J	<1.0	940,000	<1.0	3.4 J	<50	<0.20
	TMW45102022	**10/12/2022**	<25	<0.52	1.1 J	61	<0.31	<0.41	29,000	<0.82	0.23 J	1.6	<41	<0.21	6,600	100	1.4 J	350	0.96 J	<0.31	760,000	<0.31	4.0 J	<8.2	<0.16
	TMW45042022	**4/19/2022**	<250	<2.5	<1.2	63	<1.0	<1.0	29,000	<1.0	<1.0	<5.0	<250	<0.50	7,500	20	<2.5	460 J	0.86 J	<1.0	960,000	<1.0	2.5 J	<50	<0.20
TMW46	**TMW46102023**	**10/2/2023**	<500	<5.0	<2.5	10	<2.0	<2.0	96,000	3.1 J	<2.0	<10	<500	<1.0	23,000	<5.0	2.8 J	<1,000	**120**	<2.0	1,300,000	<2.0	6.3 J	<100	<0.20
	TMW46042023	**4/18/2023**	<500	<5.0	<2.5	9.3 J	<2.0	<2.0	97,000	<2.0	<2.0	<10	<500	<1.0	22,000	<5.0	<5.0	<1,000	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW46102022DUP	**10/4/2022**	<25	<0.52	<1.8	9.8	<0.31	<0.41	94,000	<0.82	<0.41	0.66 J	<41	<0.21	22,000	1.1 J	<0.82	260	**120**	<0.31	1,300,000	<0.31	3.6 J	4.6 J	<0.16
	TMW46102022	**10/4/2022**	<25	<0.52	<1.8	9.4	<0.31	<0.41	89,000	<0.82	<0.41	0.52 J	<41	<0.21	21,000	<2.0	<0.82	230	**120**	<0.31	1,300,000	<0.31	3.4 J	11 J	<0.16
	TMW46042022	**4/12/2022**	<500	<5.0	<2.5	10	<2.0	<2.0	99,000	<2.0	<2.0	<10	<500	<1.0	23,000	<5.0	<5.0	<500	**120**	<2.0	1,300,000	<2.0	7.6 J	<100	<0.20
TMW47	**TMW47102023**	**10/12/2023**	<250	<2.5	<1.2	12	<1.0	<1.0	6,900	6.5	<1.0	<5.0	<250	<0.50	810	32	1.8 J	710 J	<1.5	<1.0	530,000	<1.0	<2.5	<50	<0.20
	TMW47042023	**4/27/2023**	<250	<2.5	<1.2	12	<1.0	<1.0	6,500	<1.0	<1.0	<5.0	<250	<0.50	690	35	<2.5	810 J	<1.5	<1.0	560,000	<1.0	<2.5	<50	<0.20
	TMW47102022	**10/13/2022**	13 J	<0.52	<1.8	11	<0.31	<0.41	7,200	<0.82	<0.41	<0.93	<41	<0.21	660	31	<0.82	710	<0.62	<0.31	440,000	<0.31	<2.1	<8.2	<0.16
	TMW47042022	**4/21/2022**	<250	<2.5	<1.2	12	<1.0	<1.0	6,100	<1.0	<1.0	10	<250	<0.50	690	34	<2.5	800 J	<1.5	<1.0	570,000	<1.0	<2.5	<50	<0.20
TMW57	**TMW57102023**	**10/9/2023**	<250	<2.5	0.86 J	33	<1.0	<1.0	12,000	1.1 J	<1.0	<5.0	<250	<0.50	2,800	64	1.8 J	610 J	10	<1.0	570,000	<1.0	<2.5	<50	<0.20
	TMW57042023	**4/24/2023**	<250	<2.5	1.2 J	29	<1.0	<1.0	11,000	0.71 J	<1.0	<5.0	<250	<0.50	2,700	11	<2.5	570 J	9.9	<1.0	550,000	<1.0	2.7 J	<50	<0.20
	TMW57102022	**10/10/2022**	<25	<0.52	0.90 J	27	<0.31	<0.41	12,000	0.73 J	<0.41	0.83 J	<41	<0.21	2,400	13	1.2 J	340	9.6	<0.31	520,000	<0.31	1.6 J	<8.2	<0.16
	TMW57042022	**4/18/2022**	<250	<2.5	0.79 J	26	<1.0	<1.0	11,000	<1.0	<1.0	22	<250	<0.50	2,500	13	<2.5	440 J	8.7	<1.0	570,000	<1.0	2.8 J	<50	<0.20
TMW59	**TMW59102023**	**10/9/2023**	<250	<2.5	1.6 J	24	<1.0	<1.0	38,000	3.4 J	<1.0	3.8 J	<250	<0.50	9,700	11	6.9	630 J	1.8 J	<1.0	830,000	<1.0	3.5 J	<50	<0.20
	TMW59042023	**4/24/2023**	<250	<2.5	1.9 J	24	<1.0	<1.0	37,000	3.6 J	<1.0	3.8 J	<250	<0.50	9,900	4.0 J	<2.5	700 J	1.4 J	<1.0	780,000	<1.0	4.8 J	30 J	<0.20
	TMW59102022	**10/10/2022**	<25	0.26 J	2.0 J	23	<0.31	<0.41	35,000	3.0	0.18 J	3.5	<41	<0.21	8,300	5.0	2.2	570	1.2	<0.31	650,000	<0.31	4.1	9.8 J	<0.16
	TMW59042022	**4/18/2022**	<250	<2.5	1.3 J	21	<1.0	<1.0	34,000	2.7 J	<1.0	25	<250	<0.50	8,700	11	2.3 J	530 J	0.94 J	<1.0	810,000	<1.0	5.0 J	<50	<0.20

TABLE B-6: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
TMW61	TMW61102023	10/9/2023	<500	<5.0	<2.5	33	<2.0	<2.0	68,000	<2.0	<2.0	<10	<500	<1.0	18,000	54	<5.0	530 J	2.1 J	<2.0	1,500,000	<2.0	<5.0	<100	<0.20
	TMW61042023	4/24/2023	<500	<5.0	<2.5	31	<2.0	<2.0	64,000	<2.0	<2.0	<10	<500	<1.0	18,000	19	<5.0	640 J	1.9 J	<2.0	1,500,000	<2.0	4.9 J	<100	<0.20
	TMW61102022	10/10/2022	<25	<0.52	1.2 J	29	<0.31	<0.41	65,000	<0.82	<0.41	1.6	<41	<0.21	15,000	37	0.70 J	330	2.9	<0.31	1,400,000	<0.31	3.4 J	28	<0.16
	TMW61042022	4/18/2022	<250	<2.5	<1.2	31	<1.0	<1.0	63,000	<1.0	<1.0	<5.0	<250	<0.50	16,000	110	<2.5	330 J	3.6 J	<1.0	1,600,000	<1.0	3.1 J	<50	<0.20
TMW62	TMW62102023	10/6/2023	<250	<2.5	<1.2	17	<1.0	<1.0	29,000	<1.0	<1.0	2.6 J	<250	<0.50	6,800	5.2	<2.5	440 J	1.5 J	<1.0	750,000	<1.0	<2.5	<50	<0.20
	TMW62042023	4/21/2023	<250	<2.5	<1.2	16	<1.0	<1.0	28,000	0.56 J	<1.0	<5.0	<250	<0.50	6,800	6.9	<2.5	510 J	1.2 J	<1.0	720,000	<1.0	1.7 J	<50	<0.20
	TMW62102022	10/7/2022	<25	<0.52	0.79 J	18	<0.31	<0.41	29,000	<0.82	<0.41	1.0	<41	<0.21	6,200	7.1	<0.82	410	1.6	<0.31	630,000	<0.31	1.6 J	<8.2	<0.16
	TMW62042022	4/15/2022	<250	<2.5	<1.2	16	<1.0	<1.0	28,000	<1.0	<1.0	23	<250	<0.50	6,400	21	<2.5	470 J	<1.5	<1.0	740,000	<1.0	1.8 J	<50	<0.20
Bedrock Wells																									
BGMW07	BGMW07102023	10/3/2023	<1,000	<10	<5.0	30	<4.0	<4.0	720,000	<4.0	<4.0	<20	<1,000	<2.0	94,000	**1,400**	7.0 J	8,600	<6.0	<4.0	5,900,000	<4.0	<10	<200	<1.0
	BGMW07042023	4/17/2023	<250	<2.5	<1.2	24	<1.0	<1.0	680,000	<1.0	1.1 J	<5.0	<250	<0.50	91,000	**1,100**	2.1 J	7,400	<1.5	<1.0	5,800,000	<1.0	2.3 J	<50	<1.0
	BGMW07102022	10/3/2022	<25	<0.52	<1.8	26	<0.31	<0.41	840,000	<0.82	0.97	6.6	<41	0.59	92,000	**1,200**	1.6	7,300	<0.62	<0.31	5,800,000	<0.31	2.3 J	41	<0.16
	BGMW07042022	4/11/2022	<1,000	<10	<5.0	25	<4.0	<4.0	710,000	2.3 J	<4.0	<20	<1,000	<2.0	94,000	**1,500**	<10	7,800	<6.0	<4.0	6,100,000	<4.0	<10	<200	<0.20
BGMW08	BGMW08102023	10/2/2023	<1,000	<10	<5.0	13 J	<4.0	<4.0	330,000	2.8 J	<4.0	<20	<1,000	<2.0	41,000	38	<10	4,500	<6.0	<4.0	4,100,000	<4.0	<10	<200	<0.20
	BGMW08042023	4/17/2023	<1,000	<10	<5.0	11 J	<4.0	<4.0	320,000	<4.0	<4.0	<20	<1,000	<2.0	39,000	33	<10	4,300	<6.0	<4.0	3,600,000	<4.0	<10	220 J	<0.20
	BGMW08102022	10/3/2022	<25	<0.52	<1.8	16	<0.31	<0.41	370,000	1.5 J	0.41 J	1.2	24 J	<0.21	41,000	43	3.3	4,000	<0.62	<0.31	4,100,000	<0.31	1.7 J	<8.2	0.088 J
	BGMW08042022	4/11/2022	940 J	<10	<5.0	65	<4.0	<4.0	360,000	<4.0	<4.0	<20	<1,000	1.3 J	41,000	170	<10	5,300	<6.0	<4.0	3,900,000	<4.0	<10	<200	<0.20
BGMW09	BGMW09102023	10/3/2023	<500	<5.0	1.3 J	9.3 J	<2.0	<2.0	32,000	<2.0	<2.0	<10	<500	<1.0	3,900	<5.0	<5.0	1,700 J	<3.0	<2.0	1,300,000	<2.0	4.8 J	<100	<0.20
	BGMW09042023	4/17/2023	<500	<5.0	<2.5	7.7 J	<2.0	<2.0	31,000	<2.0	<2.0	<10	<500	<1.0	3,600	10	<5.0	1,500 J	<3.0	<2.0	1,200,000	<2.0	5.7 J	<100	<0.20
	BGMW09042023DUP	4/17/2023	<500	<5.0	<2.5	8.8 J	<2.0	<2.0	33,000	<2.0	<2.0	<10	<500	<1.0	3,800	15	<5.0	1,400 J	<3.0	<2.0	1,100,000	<2.0	5.7 J	140 J	<0.20
	BGMW09102022	10/12/2022	<25	0.23 J	1.2 J	9.1	<0.31	<0.41	34,000	<0.82	<0.41	0.46 J	<41	<0.21	3,600	3.9	0.62 J	1,300	0.29 J	<0.31	1,100,000	<0.31	4.8	<8.2	<0.16
	BGMW09042022	4/12/2022	<500	<5.0	1.3 J	11	<2.0	<2.0	34,000	<2.0	<2.0	<10	<500	<1.0	4,000	15	<5.0	1,500 J	<3.0	<2.0	1,200,000	<2.0	6.9 J	<100	<0.20
	BGMW09042022DUP	4/12/2022	<500	<5.0	1.3 J	9.8 J	<2.0	<2.0	34,000	<2.0	<2.0	<10	<500	<1.0	4,100	13	<5.0	1,500 J	<3.0	<2.0	1,200,000	<2.0	7.5 J	<100	<0.20
BGMW10	BGMW10102023	10/3/2023	<250	<2.5	<1.2	6.7	<1.0	<1.0	8,100	<1.0	<1.0	<5.0	<250	<0.50	900	15	<2.5	760 J	<1.5	<1.0	620,000	<1.0	<2.5	<50	<0.20
	BGMW10102023FDUP02	10/3/2023	<250	<2.5	<1.2	7.5	<1.0	<1.0	8,200	<1.0	<1.0	2.6 J	<250	<0.50	910	15	<2.5	900 J	<1.5	<1.0	630,000	<1.0	<2.5	<50	<0.20
	BGMW10042023	4/18/2023	<250	<2.5	<1.2	6.1	<1.0	<1.0	8,000	<1.0	<1.0	<5.0	<250	<0.50	900	17	<2.5	690 J	<1.5	<1.0	620,000	<1.0	<2.5	<50	<0.20
	BGMW10042023DUP	4/18/2023	<250	<2.5	<1.2	6.7	<1.0	<1.0	8,000	<1.0	<1.0	<5.0	<250	<0.50	910	16	<2.5	800 J	<1.5	<1.0	630,000	<1.0	<2.5	<50	<0.20
	BGMW10102022	10/4/2022	<25	<0.52	<1.8	6.3	<0.31	<0.41	11,000	<0.82	<0.41	0.39 J	<41	<0.21	860	15	<0.82	730	<0.62	<0.31	550,000	<0.31	<2.1	<8.2	<0.16
	BGMW10042022	4/12/2022	<250	<2.5	<1.2	12	<1.0	<1.0	8,600	<1.0	<1.0	<5.0	<250	<0.50	960	26	<2.5	790 J	<1.5	<1.0	630,000	<1.0	2.6 J	<50	<0.20
TMW14A	TMW14A102023	10/12/2023	<250	<2.5	0.69 J	17	<1.0	<1.0	3,400	7.0	<1.0	<5.0	<250	<0.50	520	16	3.0 J	510 J	<1.5	<1.0	450,000	<1.0	<2.5	<50	<0.20
	TMW14A042023	4/21/2023	<250	<2.5	<1.2	17	<1.0	<1.0	3,300	<1.0	<1.0	<5.0	<250	<0.50	410 J	12	1.3 J	580 J	<1.5	<1.0	430,000	<1.0	<2.5	98 J	<0.20
	TMW14A102022	10/10/2022	<25	<0.52	<1.8	16	<0.31	<0.41	4,600	<0.82	<0.41	0.94 J	<41	<0.21	370	13	1.2 J	420	<0.62	<0.31	370,000	<0.31	<2.1	<8.2	<0.16
	TMW14A042022	4/18/2022	<250	<2.5	<1.2	14	<1.0	<1.0	3,200	<1.0	<1.0	<5.0	<250	<0.50	390 J	10	<2.5	460 J	<1.5	<1.0	470,000	<1.0	1.6 J	<50	<0.20
TMW16	TMW16102023	10/2/2023	<250	<2.5	<1.2	12	<1.0	<1.0	4,300	1.4 J	<1.0	<5.0	<250	<0.50	450 J	3.4 J	8.7	580 J	<1.5	<1.0	480,000	<1.0	7.8	<50	<0.20
	TMW16102023FDUP01	10/2/2023	<250	<2.5	0.63 J	13	<1.0	<1.0	4,300	2.1 J	<1.0	2.9 J	<250	<0.50	430 J	8.2	7.4	590 J	<1.5	<1.0	460,000	<1.0	8.7	<50	<0.20
	TMW16042023	4/17/2023	<250	<2.5	<1.2	12	<1.0	<1.0	3,900	1.3 J	<1.0	<5.0	<250	<0.50	430 J	3.0 J	20	600 J	<1.5	<1.0	430,000	<1.0	5.6	53 J	0.16 J
	TMW16102022	10/3/2022	<25	<0.52	<1.8	13	<0.31	<0.41	9,100	1.0 J	<0.41	3.2	<41	0.073 J	450	4.1	7.1	540	<0.62	<0.31	400,000	<0.31	23	7.2 J	<0.16
	TMW16042022	4/11/2022	<250	<2.5	<1.2	11	<1.0	<1.0	4,600	<1.0	<1.0	<5.0	<250	<0.50	450 J	7.0	17	610 J	<1.5	<1.0	460,000	<1.0	4.6 J	<50	0.12 J
TMW17	TMW17102023	10/9/2023	<250	<2.5	<1.2	15	<1.0	<1.0	3,900	<1.0	<1.0	<5.0	<250	<0.50	570	13	<2.5	710 J	<1.5	<1.0	470,000	<1.0	<2.5	<50	<0.20
	TMW17042023	4/21/2023	<250	<2.5	<1.2	13	<1.0	<1.0	3,400	<1.0	<1.0	<5.0	<250	<0.50	530	11	<2.5	740 J	<1.5	<1.0	450,000	<1.0	<2.5	<50	<0.20
	TMW17042023DUP	4/21/2023	<250	<2.5	<1.2	13	<1.0	<1.0	3,500	<1.0	<1.0	<5.0	<250	<0.50	530	11	<2.5	730 J	<1.5	<1.0	460,000	<1.0	<2.5	<50	<0.20
	TMW17102022	10/10/2022	36	<0.52	<1.8	13	<0.31	<0.41	6,400	<0.82	<0.41	<0.93	<41	<0.21	510	11	<0.82	640	<0.62	<0.31	360,000	<0.31	<2.1	<8.2	<0.16
	TMW17042022	4/18/2022	<250	<2.5	<1.2	14	<1.0	<1.0	3,800	<1.0	<1.0	<5.0	<250	<0.50	640	10	<2.5	690 J	<1.5	<1.0	490,000	<1.0	<2.5	<25	<0.20
TMW18	TMW18102023	10/2/2023	160 J	<2.5	0.78 J	12	<1.0	<1.0	8,600	2.7 J	<1.0	<5.0	<250	<0.50	1,200	7.3	<2.5	2,200	<1.5	<1.0	710,000	<1.0	6.3	<50	<0.20
	TMW18042023	4/17/2023	180 J	<2.5	<1.2	11	<1.0	<1.0	7,600	<1.0	<1.0	<5.0	<250	<0.50	1,100	5.7	<2.5	2,200	<1.5	<1.0	630,000	<1.0	6.8	<50	<0.20
	TMW18102022	10/3/2022	160	0.80 J	0.86 J	12	<0.31	<0.41	20,000	0.34 J	<0.41	18	32 J	0.47 J	1,100	7.3	1.3 J	2,100	0.30 J	<0.31	530,000	0.18 J	9.4	5.8 J	<0.16
	TMW18042022	4/11/2022	<250	<2.5	<1.2	11	<1.0	<1.0	7,400	<1.0	<1.0	<5.0	<250	<0.50	1,200	<2.5	<2.5	2,100	<1.5	<1.0	690,000	<1.0	3.5 J	<50	0.16 J
TMW19	TMW19102023	10/2/2023	<250	<2.5	<1.2	6.7	<1.0	<1.0	10,000	0.57 J	<1.0	<5.0	<250	<0.50	1,100	23	12	850 J	<1.5	<1.0	720,000	<1.0	7.0	<50	<0.20
	TMW19042023	4/17/2023	<250	<2.5	<1.2	6.3	<1.0	<1.0	10,000	0.62 J	<1.0	<5.0	<250	<0.50	1,100	28	16	860 J	<1.5	<1.0	640,000	<1.0	5.4	59 J	0.10 J
	TMW19102022	10/3/2022	<25	<0.52	<1.8	6.4	<0.31	<0.41	21,000	<0.82	0.21 J	21	<41	<0.21	1,100	25	12	780	<0.62	<0.31	650,000	<0.31	5.2	5.9 J	<0.16
	TMW19042022	4/11/2022	<250	<2.5	<1.2	5.8	<1.0	<1.0	9,900	<1.0	<1.0	<5.0	<250	<0.50	1,100	28	62	850 J	<1.5	<1.0	690,000	<1.0	<2.5	<50	<0.20

TABLE B-6: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
TMW30	TMW30102023	10/4/2023	<250	<2.5	1.1 J	9.3	<1.0	<1.0	58,000	0.89 J	<1.0	4.0 J	<250	<0.50	12,000	1.6 J	<2.5	760 J	7.9	<1.0	470,000	<1.0	15	<50	<0.20
	TMW30042023	4/19/2023	<250	<2.5	0.72 J	10	<1.0	<1.0	61,000	0.53 J	<1.0	<5.0	<250	<0.50	12,000	2.6 J	<2.5	760 J	7.1	<1.0	480,000	<1.0	13	34 J	<0.20
	TMW30102022	10/5/2022	<25	<0.52	0.98 J	10	<0.31	<0.41	68,000	<0.82	<0.41	20	<41	<0.21	12,000	1.3 J	0.95 J	750	6.7	<0.31	420,000	<0.31	13	12 J	<0.16
	TMW30042022	4/13/2022	<250	<2.5	<1.2	10	<1.0	<1.0	59,000	0.55 J	<1.0	24	<250	<0.50	12,000	<2.5	<2.5	720 J	6.8	<1.0	460,000	<1.0	13	<50	<0.20
TMW31D	TMW31D102023	10/10/2023	<250	<2.5	1.0 J	14	<1.0	<1.0	35,000	7.3	<1.0	<5.0	<250	<0.50	4,800	150	2.7 J	1,400	<1.5	<1.0	1,100,000	<1.0	1.3 J	<50	<0.20
	TMW31D042023	4/25/2023	<250	<2.5	<1.2	13	<1.0	<1.0	38,000	<1.0	<1.0	<5.0	<250	<0.50	5,600	180	<2.5	1,400	0.78 J	<1.0	1,100,000	<1.0	1.5 J	<50	<0.20
	TMW31D102022	10/11/2022	<25	<0.52	0.96 J	16	<0.31	<0.41	46,000	<0.82	0.38 J	<0.93	34 J	<0.21	4,500	130	1.2 J	1,200	0.68 J	<0.31	960,000	<0.31	1.2 J	<8.2	<0.16
	TMW31D042022	4/19/2022	<250	<2.5	<1.2	9.3	<1.0	<1.0	64,000	<1.0	<1.0	23	<250	<0.50	11,000	10	<2.5	1,300	6.9	<1.0	620,000	<1.0	4.2 J	<50	<0.20
TMW32	TMW32102023	10/12/2023	<250	<2.5	1.3 J	6.0	<1.0	<1.0	14,000	6.6	<1.0	<5.0	<250	<0.50	1,500	31	2.3 J	830 J	1.1 J	<1.0	770,000	<1.0	<2.5	<50	<0.20
	TMW32042023	4/27/2023	<250	<2.5	1.1 J	6.3	<1.0	<1.0	17,000	7.5	<1.0	<5.0	430 J	<0.50	1,700	47	<2.5	1,000	<1.5	<1.0	890,000	<1.0	<2.5	<50	<0.20
	TMW32102022	10/13/2022	<25	0.32 J	1.3 J	5.2	<0.31	<0.41	16,000	<0.82	<0.41	<0.93	<41	<0.21	1,400	31	0.59 J	820	1.7	<0.31	680,000	<0.31	<2.1	<8.2	<0.16
	TMW32042022	4/21/2022	<250	<2.5	0.89 J	8.0	<1.0	<1.0	14,000	<1.0	<1.0	17	140 J	<0.50	1,400	31	<2.5	930 J	2.2 J	<1.0	800,000	<1.0	<2.5	<50	<0.20
TMW36	TMW36102023	10/2/2023	<250	<2.5	<1.2	7.8	<1.0	<1.0	14,000	2.0 J	6.6	39	<250	<0.50	1,300	**260**	**240**	900 J	<1.5	<1.0	730,000	<1.0	1.3 J	150	0.46 J
	TMW36042023	4/17/2023	<250	<2.5	<1.2	6.1	<1.0	<1.0	9,400	<1.0	0.64 J	11	<250	<0.50	970	36	34	720 J	<1.5	<1.0	660,000	<1.0	<2.5	86 J	<0.20
	TMW36102022	10/3/2022	<25	<0.52	<1.8	6.0	<0.31	<0.41	17,000	<0.82	0.22 J	23	<41	<0.21	940	20	9.3	750	<0.62	<0.31	560,000	<0.31	<2.1	11 J	0.081 J
	TMW36042022	4/11/2022	<250	<2.5	<1.2	7.9	<1.0	<1.0	8,900	<1.0	<1.0	4.1 J	<250	<0.50	940	8.4	17	850 J	<1.5	<1.0	670,000	<1.0	<2.5	<50	<0.20
TMW37	TMW37102023	10/3/2023	<250	<2.5	<1.2	8.0	<1.0	<1.0	7,900	0.77 J	1.4 J	4.4 J	<250	<0.50	850	46	110	860 J	<1.5	<1.0	630,000	<1.0	<2.5	<50	<0.20
	TMW37042023	4/18/2023	<250	<2.5	<1.2	7.0	<1.0	<1.0	6,400	4.8 J	<1.0	<5.0	<250	<0.50	700	13	36	650 J	<1.5	<1.0	570,000	<1.0	1.9 J	26 J	<0.20
	TMW37102022	10/4/2022	<25	<0.52	<1.8	10	<0.31	<0.41	16,000	0.56 J	2.7	1.8	29 J	<0.21	1,100	110	180	790	<0.62	<0.31	620,000	<0.31	<2.1	6.3 J	<0.16
	TMW37042022	4/12/2022	<250	<2.5	<1.2	7.2	<1.0	<1.0	6,100	3.5 J	<1.0	<5.0	<250	<0.50	680	13	30	640 J	<1.5	<1.0	560,000	<1.0	3.9 J	<50	<0.20
TMW38	TMW38102023	10/12/2023	<250	<2.5	<1.2	12	<1.0	<1.0	13,000	6.4	<1.0	<5.0	<250	<0.50	1,600	43	1.5 J	800 J	<1.5	<1.0	730,000	<1.0	<2.5	<50	<0.20
	TMW38042023	4/27/2023	<250	<2.5	<1.2	12	<1.0	<1.0	22,000	<1.0	<1.0	<5.0	<250	<0.50	2,500	80	<2.5	1,200	<1.5	<1.0	980,000	<1.0	<2.5	<50	<0.20
	TMW38102022DUP	10/12/2022	<25	<0.52	<1.8	9.5	<0.31	<0.41	14,000	<0.82	<0.41	<0.93	26 J	<0.21	1,100	35	<0.82	730	<0.62	<0.31	660,000	<0.31	1.2 J	<8.2	<0.16
	TMW38042022	4/21/2022	<250	<2.5	<1.2	9.7	<1.0	<1.0	12,000	<1.0	<1.0	<5.0	<250	<0.50	1,300	39	<2.5	860 J	<1.5	<1.0	720,000	<1.0	<2.5	<50	<0.20
TMW39D	TMW39D102023	10/9/2023	<250	<2.5	<1.2	8.9	<1.0	<1.0	33,000	<1.0	<1.0	<5.0	<250	<0.50	4,800	51	<2.5	1,200	1.0 J	<1.0	800,000	<1.0	<2.5	<50	<0.20
	TMW39D042023	4/25/2023	<250	<2.5	<1.2	7.7	<1.0	<1.0	22,000	<1.0	<1.0	<5.0	<250	<0.50	2,600	54	<2.5	1,000	<1.5	<1.0	770,000	<1.0	<2.5	<50	<0.20
	TMW39D102022	10/14/2022	<25	<0.52	<1.8	7.9	<0.31	<0.41	45,000	<0.82	<0.41	<0.93	<41	<0.21	3,700	49	<0.82	1,100	0.77 J	<0.31	690,000	<0.31	<2.1	<8.2	<0.16
	TMW39D042022	4/22/2022	<250	<2.5	<1.2	7.6	<1.0	<1.0	19,000	1.6 J	<1.0	8.6 J	**1,800**	<0.50	2,000	72	1.4 J	1,100	<1.5	<1.0	850,000	<1.0	<2.5	<50	<0.20
TMW40D	TMW40D102023	10/6/2023	<250	<2.5	<1.2	9.6	<1.0	<1.0	15,000	<1.0	<1.0	<5.0	<250	<0.50	2,000	55	<2.5	1,000	2.5 J	<1.0	750,000	<1.0	2.2 J	<50	<0.20
	TMW40D042023	4/25/2023	<250	<2.5	<1.2	9.0	<1.0	<1.0	15,000	<1.0	<1.0	<5.0	<250	<0.50	1,900	52	<2.5	980 J	2.3 J	<1.0	730,000	<1.0	2.7 J	<50	<0.20
	TMW40D102022	10/14/2022	<25	<0.52	0.71 J	8.6	<0.31	<0.41	19,000	<0.82	0.17 J	0.69 J	<41	<0.21	1,800	47	<0.82	810	2.6	<0.31	580,000	<0.31	2.9 J	<8.2	<0.16
	TMW40D042022	4/22/2022	<250	<2.5	<1.2	8.5	<1.0	<1.0	14,000	<1.0	<1.0	12	<250	<0.50	1,900	48	<2.5	960 J	2.4 J	<1.0	730,000	<1.0	2.8 J	<50	<0.20
TMW48	TMW48102023	10/6/2023	<250	<2.5	<1.2	11	<1.0	<1.0	66,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	59	<2.5	1,300	4.9 J	<1.0	690,000	<1.0	1.3 J	<50	<0.20
	TMW48042023	4/25/2023	<250	<2.5	0.64 J	9.9	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	<250	<0.50	8,800	55	<2.5	1,100	3.9 J	<1.0	700,000	<1.0	1.6 J	<50	<0.20
	TMW48042023DUP	4/25/2023	<250	<2.5	<1.2	10	<1.0	<1.0	55,000	<1.0	<1.0	<5.0	<250	<0.50	9,500	56	<2.5	1,100	4.5 J	<1.0	710,000	<1.0	1.5 J	<50	<0.20
	TMW48102022	10/14/2022	<25	<0.52	0.91 J	9.5	<0.31	<0.41	57,000	<0.82	<0.41	0.99 J	<41	<0.21	7,800	41	<0.82	940	4.0	<0.31	650,000	<0.31	2.1 J	5.4 J	<0.16
	TMW48042022	4/22/2022	<250	<2.5	<1.2	9.5	<1.0	<1.0	78,000	<1.0	<1.0	<5.0	<250	<0.50	14,000	76	<2.5	1,200	5.5	<1.0	640,000	<1.0	3.1 J	<50	<0.10
TMW49	TMW49102023	10/9/2023	<250	<2.5	<1.2	9.9	<1.0	<1.0	79,000	1.1 J	<1.0	<5.0	<250	<0.50	14,000	35	2.8 J	1,700	21	<1.0	880,000	<1.0	12	<50	<0.20
	TMW49042023	4/26/2023	<250	<2.5	<1.2	11	<1.0	<1.0	81,000	<1.0	0.50 J	<5.0	<250	<0.50	14,000	95	5.6	1,700	11	<1.0	940,000	<1.0	11	<50	<0.20
	TMW49102022	10/13/2022	<25	<0.52	<1.8	9.4	<0.31	<0.41	92,000	0.78 J	0.22 J	<0.93	<41	<0.21	13,000	48	3.5	1,600	16	<0.31	840,000	<0.31	11	<8.2	<0.16
	TMW49042022	4/22/2022	<250	<2.5	<1.2	11	<1.0	<1.0	78,000	<1.0	<1.0	<5.0	<250	<0.50	13,000	120	4.9 J	1,800	8.1	<1.0	980,000	<1.0	5.6	<50	<0.20
TMW50	TMW50102023	10/4/2023	<250	<2.5	2.1 J	15	<1.0	<1.0	5,200	0.94 J	<1.0	<5.0	<250	<0.50	580	12	<2.5	630 J	<1.5	<1.0	530,000	<1.0	26	<50	<0.20
	TMW50042023	4/19/2023	<250	<2.5	2.2 J	16	<1.0	<1.0	5,400	0.63 J	<1.0	<5.0	<250	<0.50	580	13	<2.5	760 J	<1.5	<1.0	540,000	<1.0	40	29 J	<0.20
	TMW50102022	10/5/2022	62	0.22 J	3.1	17	<0.31	<0.41	8,000	<0.82	<0.41	15	<41	<0.21	570	12	0.93 J	690	0.32 J	<0.31	510,000	<0.31	36	<8.2	<0.16
	TMW50042022	4/13/2022	<250	<2.5	1.9 J	16	<1.0	<1.0	5,300	<1.0	<1.0	<5.0	<250	<0.50	590	14	<2.5	630 J	<1.5	<1.0	510,000	<1.0	23	<50	<0.20
	TMW50042022DUP	4/13/2022	<250	<2.5	3.0 J	16	<1.0	<1.0	5,300	<1.0	<1.0	5.3 J	<250	<0.50	600	13	<2.5	690 J	<1.5	<1.0	520,000	<1.0	42	<50	<0.20
TMW51	TMW51102023	10/6/2023	<250	<2.5	<1.2	8.6	<1.0	<1.0	18,000	<1.0	<1.0	2.6 J	<250	<0.50	2,900	32	<2.5	990 J	5.7	<1.0	710,000	<1.0	4.0 J	<50	<0.20
	TMW51042023	4/21/2023	<250	<2.5	<1.2	8.6	<1.0	<1.0	18,000	<1.0	<1.0	<5.0	<250	<0.50	2,900	33	1.3 J	1,000	5.3	<1.0	680,000	<1.0	4.8 J	<50	<0.20
	TMW51102022DUP	10/5/2022	<25	<0.52	0.86 J	9.5	<0.31	<0.41	27,000	0.63 J	0.62	19	<41	<0.21	2,900	35	2.0	920	5.2	<0.31	570,000	<0.31	5.0	<8.2	<0.16
	TMW51102022	10/5/2022	<25	<0.52	<1.8	8.4	<0.31	<0.41	27,000	<0.82	0.26 J	2.0	<41	<0.21	2,800	33	0.96 J	900	5.4	<0.31	620,000	<0.31	4.5	<8.2	<0.16
	TMW51042022	4/14/2022	<250	<2.5	<1.2	9.0	<1.0	<1.0	18,000	0.76 J	<1.0	15	<250	<0.50	2,900	32	1.4 J	940 J	4.7 J	<1.0	690,000	<1.0	4.6 J	<50	<0.20

TABLE B-6: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
TMW52	TMW52102023	10/11/2023	<250	<2.5	6.3	12	<1.0	<1.0	4,000	1.9 J	<1.0	<5.0	<250	<0.50	440 J	3.9 J	<2.5	640 J	1.3 J	<1.0	460,000	<1.0	16	<50	<0.20
	TMW52042023	4/25/2023	<250	<2.5	5.1	12	<1.0	<1.0	3,800	25	<1.0	<5.0	**1,200**	<0.50	430 J	36	<2.5	540 J	0.94 J	<1.0	450,000	<1.0	12	<50	<0.20
	TMW52102022	10/10/2022	12 J	<0.52	5.4	12	<0.31	<0.41	5,000	0.59 J	<0.41	0.75 J	<41	<0.21	430	2.6	0.47 J	550	1.6	<0.31	360,000	<0.31	14	<8.2	<0.16
	TMW52042022	4/18/2022	<250	<2.5	4.8 J	13	<1.0	<1.0	4,200	<1.0	<1.0	20	<250	<0.50	460 J	3.7 J	<2.5	520 J	1.6 J	<1.0	470,000	<1.0	18	<50	<0.20
TMW53	TMW53102023	10/9/2023	<250	<2.5	2.0 J	110	<1.0	<1.0	2,600	<1.0	<1.0	<5.0	<250	<0.50	380 J	30	<2.5	450 J	<1.5	<1.0	380,000	<1.0	3.4 J	<50	<0.20
	TMW53042023	4/24/2023	<250	<2.5	2.4 J	110	<1.0	<1.0	2,600	<1.0	<1.0	<5.0	<250	<0.50	410 J	32	<2.5	650 J	<1.5	<1.0	360,000	<1.0	1.9 J	<50	<0.20
	TMW53102022	10/10/2022	2,700	<0.52	2.0 J	180	0.25 J	<0.41	6,300	6.4	0.88	3.1	**1,500**	1.6	1,100	93	5.0	580	<0.62	<0.31	300,000	<0.31	3.8 J	10 J	<0.16
	TMW53042022	4/18/2022	<250	<2.5	1.6 J	98	<1.0	<1.0	2,800	<1.0	<1.0	<5.0	<250	<0.50	430 J	34	<2.5	370 J	<1.5	<1.0	380,000	<1.0	1.5 J	<50	<0.20
TMW55	TMW55102023	10/6/2023	<250	<2.5	6.3	9.2	<1.0	<1.0	7,100	16	<1.0	4.6 J	130 J	<0.50	790	1.5 J	<2.5	860 J	<1.5	<1.0	600,000	<1.0	16	<50	<0.20
	TMW55042023	4/21/2023	<250	<2.5	2.2 J	8.4	<1.0	<1.0	6,800	<1.0	<1.0	<5.0	<250	<0.50	730	<2.5	<2.5	730 J	<1.5	<1.0	600,000	<1.0	9.5	<50	<0.20
	TMW55102022	10/7/2022	24 J	<0.52	2.8	8.1	<0.31	<0.41	9,600	<0.82	<0.41	0.53 J	<41	0.33 J	690	1.4 J	<0.82	650	<0.62	<0.31	570,000	<0.31	8.9	<8.2	<0.16
	TMW55042022	4/15/2022	<250	<2.5	2.2 J	8.2	<1.0	<1.0	6,600	<1.0	<1.0	8.6 J	<250	<0.50	690	<2.5	<2.5	790 J	<1.5	<1.0	590,000	<1.0	9.1	<50	<0.20
TMW58	TMW58102023	10/4/2023	<250	<2.5	1.6 J	16	<1.0	<1.0	7,700	<1.0	<1.0	<5.0	<250	<0.50	930	19	<2.5	790 J	<1.5	<1.0	630,000	<1.0	6.6	<50	<0.20
	TMW58042023	4/17/2023	<250	<2.5	1.4 J	16	<1.0	<1.0	7,600	<1.0	<1.0	<5.0	<250	<0.50	900	20	<2.5	830 J	<1.5	<1.0	580,000	<1.0	7.6	<50	<0.20
	TMW58102022	10/4/2022	<25	0.59 J	1.6 J	18	<0.31	<0.41	11,000	<0.82	<0.41	18	<41	<0.21	910	23	1.1 J	730	<0.62	<0.31	520,000	<0.31	11	5.3 J	<0.16
	TMW58042022	4/12/2022	<250	<2.5	2.0 J	21	<1.0	<1.0	8,200	<1.0	<1.0	<5.0	<250	<0.50	970	23	<2.5	830 J	<1.5	<1.0	620,000	<1.0	12	<50	<0.20
TMW63	TMW63102023	10/4/2023	<250	<2.5	<1.2	14	<1.0	<1.0	9,300	<1.0	<1.0	<5.0	<250	<0.50	1,000	24	<2.5	800 J	<1.5	<1.0	650,000	<1.0	1.3 J	<50	<0.20
	TMW63042023	4/19/2023	<250	<2.5	<1.2	12	<1.0	<1.0	9,300	<1.0	<1.0	<5.0	<250	<0.50	1,000	25	<2.5	790 J	<1.5	<1.0	680,000	<1.0	<2.5	50 J	<0.20
	TMW63102022	10/5/2022	<25	<0.52	<1.8	11	<0.31	<0.41	12,000	<0.82	<0.41	<0.93	<41	<0.21	1,000	23	<0.82	720	<0.62	<0.31	710,000	0.17 J	<2.1	<8.2	<0.16
	TMW63042022	4/13/2022	<250	<2.5	<1.2	10	<1.0	<1.0	9,000	<1.0	<1.0	18	<250	<0.50	1,000	23	<2.5	750 J	<1.5	<1.0	660,000	<1.0	<2.5	<50	0.11 J
TMW64	TMW64102023	10/11/2023	<250	<2.5	1.3 J	25	<1.0	<1.0	11,000	1.3 J	<1.0	<5.0	<250	<0.50	1,400	28	<2.5	880 J	0.77 J	<1.0	600,000	<1.0	9.5	<50	<0.20
	TMW64042023	4/26/2023	<250	<2.5	<1.2	23	<1.0	<1.0	10,000	<1.0	<1.0	<5.0	<250	<0.50	1,300	36	<2.5	730 J	<1.5	<1.0	630,000	<1.0	6.6	<50	<0.20
	TMW64102022	10/7/2022	<25	<0.52	<1.8	24	<0.31	<0.41	18,000	0.70 J	<0.41	<0.93	33 J	<0.21	1,200	33	1.3 J	700	0.45 J	<0.31	530,000	<0.31	3.8 J	<8.2	<0.16
	TMW64042022	4/19/2022	<250	<2.5	<1.2	26	<1.0	<1.0	11,000	<1.0	<1.0	<5.0	<250	<0.50	1,400	29	<2.5	800 J	<1.5	<1.0	620,000	<1.0	5.8	<50	<0.20

NOTES & ABBREVIATIONS:

µg/L	micrograms per liter
<	less than cited Detection Limit
NA	not analyzed
J	estimated value
–	not established or not applicable
SL	screening level
Number	Result exceeds cited (lowest) SL.

TABLE B-7: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
Alluvial Wells																									
BGMW01	BGMW01102023	10/3/2023	<250	<2.5	0.79 J	19	<1.0	<1.0	62,000	45	0.76 J	4.7 J	230 J	<0.50	37,000	**330**	12	410 J	7.5	<1.0	930,000	<1.0	5.6	<50	<0.20
	BGMW01042023	4/18/2023	<250	<2.5	0.91 J	16	<1.0	<1.0	65,000	<1.0	<1.0	<5.0	<250	<0.50	36,000	**380**	<2.5	380 J	6.8	<1.0	910,000	<1.0	5.2	<50	<0.20
	BGMW01102022	10/5/2022	100	<0.50	1.2 J	19	<0.30	<0.40	76,000	<0.80	0.32 J	1.2	59	<0.20	39,000	**330**	0.75 J	310	6.6	<0.30	870,000	<0.30	5.7	<8.0	<0.16
	BGMW01042022	4/13/2022	<250	<2.5	<1.2	20	<1.0	<1.0	69,000	<1.0	0.61 J	<5.0	<250	<0.50	37,000	**480**	<2.5	390 J	3.9 J	<1.0	940,000	<1.0	4.1 J	<50	<0.20
BGMW02	BGMW02102023	10/3/2023	200 J	<2.5	0.94 J	16	<1.0	<1.0	52,000	<1.0	<1.0	3.6 J	<250	<0.50	71,000	98	<2.5	400 J	27	<1.0	790,000	<1.0	8.8	<50	<0.20
	BGMW02042023	4/18/2023	<250	<2.5	0.92 J	15	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	<250	<0.50	71,000	110	<2.5	340 J	28	<1.0	790,000	<1.0	7.8	<50	<0.20
	BGMW02102022	10/5/2022	<24	<0.50	1.0 J	14	<0.30	<0.40	67,000	<0.80	<0.40	0.90 J	<40	<0.20	75,000	66	0.42 J	310	31	<0.30	720,000	<0.30	6.8	<8.0	<0.16
	BGMW02042022	4/13/2022	1,400	<2.5	0.83 J	33	<1.0	<1.0	61,000	1.1 J	0.69 J	<5.0	850 J	1.2 J	75,000	**370**	<2.5	570 J	31	<1.0	780,000	<1.0	11	<50	<0.20
BGMW03	BGMW03102023	10/2/2023	910	<2.5	1.8 J	32	<1.0	<1.0	59,000	1.4 J	0.60 J	3.6 J	750 J	0.75 J	13,000	30	1.3 J	1,600	9.9	<1.0	570,000	<1.0	13	<50	<0.20
	BGMW03042023	4/18/2023	160 J	<2.5	1.5 J	23	<1.0	<1.0	57,000	0.53 J	<1.0	3.9 J	<250	0.27 J	12,000	20	<2.5	1,300	10	<1.0	580,000	<1.0	10	84 J	<0.20
	BGMW03102022	10/3/2022	470	<0.50	3.4	18	<0.30	<0.40	18,000	0.63 J	0.35 J	3.6	270	0.24 J	5,500	27	1.4 J	740	33	<0.30	650,000	<0.30	19	<8.0	<0.16
	BGMW03102022DUP	10/3/2022	2,100	<0.50	1.8 J	38	0.13 J	<0.40	67,000	0.81 J	0.54	2.7	**1,200**	1.2	13,000	37	0.98 J	1,800	8.8	<0.30	510,000	<0.30	12	11 J	<0.16
	BGMW03042022	4/11/2022	200 J	<2.5	1.0 J	25	<1.0	<1.0	69,000	<1.0	<1.0	<5.0	160 J	<0.50	14,000	21	<2.5	1,500	10	<1.0	560,000	<1.0	8.0	<50	<0.20
BGMW11	BGMW11102023	10/4/2023	550	<2.5	1.2 J	17	<1.0	<1.0	81,000	1.3 J	0.58 J	4.8 J	460 J	<0.50	35,000	**220**	1.5 J	770 J	0.79 J	<1.0	1,100,000	<1.0	4.3 J	<50	<0.20
	BGMW11042023	4/19/2023	<250	<2.5	0.81 J	12	<1.0	<1.0	79,000	0.62 J	<1.0	<5.0	<250	<0.50	33,000	160	<2.5	970 J	0.88 J	<1.0	1,100,000	<1.0	3.3 J	49 J	<0.20
	BGMW11102022	10/4/2022	180	<0.50	0.89 J	10	<0.30	<0.40	90,000	0.55 J	0.44 J	2.9	210	0.074 J	35,000	180	1.3 J	740	0.82 J	<0.30	1,100,000	0.28 J	2.8 J	4.8 J	<0.16
	BGMW11042022	4/15/2022	<250	<2.5	<1.2	9.4	<1.0	<1.0	120,000	2.0 J	0.71 J	<5.0	300 J	<0.50	45,000	**300**	2.1 J	850 J	<1.5	<1.0	1,200,000	<1.0	<2.5	<50	<0.20
BGMW12	BGMW12102023	10/2/2023	2,500	<2.5	1.6 J	59	<1.0	<1.0	39,000	3.0 J	1.3 J	3.4 J	**2,000**	1.2 J	17,000	**200**	3.8 J	920 J	<1.5	<1.0	480,000	<1.0	9.7	<50	<0.20
	BGMW12042023	4/17/2023	820	<2.5	0.94 J	39	<1.0	<1.0	34,000	0.56 J	0.64 J	<5.0	890 J	0.81 J	15,000	130	1.9 J	410 J	<1.5	<1.0	470,000	<1.0	4.3 J	<50	<0.20
	BGMW12102022	10/13/2022	**8,400**	0.89 J	1.5 J	94	0.38 J	<0.40	39,000	6.6	2.3	3.3	**5,500**	2.5	17,000	150	5.2	2,200	<0.60	<0.30	410,000	<0.30	19	14 J	<0.16
	BGMW12042022	4/11/2022	1,100	<2.5	<1.2	38	<1.0	<1.0	33,000	0.83 J	0.50 J	<5.0	860 J	0.62 J	14,000	84	2.0 J	430 J	<1.5	<1.0	460,000	<1.0	2.4 J	<50	<0.20
BGMW13D	BGMW13D102023	10/10/2023	130 J	<2.5	<1.2	260	<1.0	<1.0	14,000	7.5	<1.0	<5.0	260 J	<0.50	4,000	130	2.0 J	650 J	<1.5	<1.0	300,000	<1.0	2.4 J	<50	<0.20
	BGMW13D102023FDUP08	10/10/2023	370 J	<2.5	<1.2	260	<1.0	<1.0	16,000	11	<1.0	<5.0	460 J	<0.50	4,300	150	3.6 J	640 J	<1.5	<1.0	270,000	<1.0	2.8 J	<50	<0.20
	BGMW13D042023	4/25/2023	1,700	<2.5	1.4 J	550	<1.0	<1.0	76,000	22	1.7 J	<5.0	**4,300**	2.8 J	6,500	**740**	26	1,100	<1.5	<1.0	290,000	<1.0	14	<50	<0.20
	BGMW13D102022	10/3/2022	890	<0.50	<1.7	260	<0.30	<0.40	16,000	1.9 J	0.25 J	0.59 J	720	0.34 J	4,200	140	1.3 J	890	<0.60	<0.30	260,000	<0.30	2.8 J	<8.0	<0.16
	BGMW13D042022	4/21/2022	200 J	<2.5	<1.2	260	<1.0	<1.0	17,000	18	0.54 J	<5.0	610 J	0.31 J	4,300	150	19	850 J	<1.5	<1.0	290,000	<1.0	1.9 J	<50	<0.20
	BGMW13D042022DUP	4/21/2022	280 J	<2.5	<1.2	260	<1.0	<1.0	18,000	16	<1.0	<5.0	620 J	0.34 J	4,400	150	17	850 J	<1.5	<1.0	290,000	<1.0	2.5 J	<50	<0.20
BGMW13S	BGMW13S102023	10/10/2023	170 J	<2.5	<1.2	230	<1.0	<1.0	27,000	0.99 J	<1.0	<5.0	790 J	<0.50	8,300	**390**	<2.5	930 J	<1.5	<1.0	290,000	<1.0	1.4 J	<50	<0.20
	BGMW13S042023	4/25/2023	<250	<2.5	<1.2	230	<1.0	<1.0	27,000	0.56 J	<1.0	<5.0	750 J	<0.50	8,500	**390**	<2.5	920 J	<1.5	<1.0	290,000	<1.0	<2.5	<50	<0.20
	BGMW13S102022	10/12/2022	280	<0.50	<1.7	210	<0.30	<0.40	27,000	0.83 J	<0.40	<0.90	720	0.11 J	8,100	**350**	0.85 J	970	<0.60	<0.30	270,000	<0.30	1.6 J	<8.0	<0.16
	BGMW13S102022DUP	10/12/2022	300	<0.50	<1.7	210	<0.30	<0.40	27,000	1.0 J	0.17 J	0.44 J	770	0.14 J	7,900	**350**	0.61 J	930	<0.60	<0.30	280,000	<0.30	1.5 J	<8.0	<0.16
	BGMW13S042022	4/21/2022	110 J	<2.5	<1.2	210	<1.0	<1.0	26,000	1.5 J	<1.0	<5.0	690 J	<0.50	8,200	**350**	<2.5	940 J	<1.5	<1.0	300,000	<1.0	<2.5	<50	<0.20
FW31	FW31102023	10/9/2023	220 J	<2.5	6.1	14	<1.0	<1.0	6,100	<1.0	<1.0	<5.0	<250	<0.50	2,600	4.3 J	<2.5	1,400	<1.5	<1.0	530,000	<1.0	11	<50	<0.20
	FW31042023	4/26/2023	310 J	<2.5	6.2	23	<1.0	<1.0	6,900	0.62 J	<1.0	<5.0	<250	<0.50	2,600	37	<2.5	1,500	<1.5	<1.0	510,000	<1.0	12	<50	<0.20
	FW31102022	10/12/2022	120	<0.50	7.0	13	<0.30	<0.40	7,300	0.51 J	<0.40	0.53 J	45 J	<0.20	2,500	4.9	<0.80	1,400	<0.60	<0.30	470,000	<0.30	10	<8.0	<0.16
	FW31042022	4/18/2022	490 J	<1.2	5.7	21	<1.0	<1.0	6,600	0.67 J	<1.0	<5.0	160 J	<0.50	2,500	33	<2.5	1,400	<1.5	<1.0	530,000	<1.0	12	<50	<0.20
MW01	MW01102023	10/3/2023	3,600	<2.5	1.1 J	53	<1.0	<1.0	34,000	3.0 J	1.2 J	7.4 J	**2,000**	1.7 J	7,700	100	3.1 J	1,000	3.0 J	<1.0	810,000	<1.0	6.4	36 J	<0.20
	MW01042023	4/18/2023	350 J	<2.5	0.67 J	20	<1.0	<1.0	33,000	0.57 J	<1.0	2.7 J	240 J	0.52 J	7,300	51	<2.5	420 J	4.6 J	<1.0	830,000	<1.0	2.8 J	42 J	<0.20
	MW01102022	10/10/2022	**17,000**	0.33 J	2.6	150	0.70	<0.40	44,000	13	4.0	6.8	**9,800**	6.4	11,000	**310**	6.8	3,700	5.7	<0.30	770,000	0.17 J	21	64	0.092 J
	MW01042022	4/12/2022	910	<2.5	0.78 J	24	<1.0	<1.0	34,000	1.2 J	<1.0	<5.0	530 J	0.73 J	7,400	73	1.5 J	530 J	4.3 J	<1.0	830,000	<1.0	4.3 J	<50	<0.20
MW02	MW02102023	10/3/2023	**5,400**	<2.5	1.3 J	110	<1.0	<1.0	100,000	5.3	2.2 J	14	**3,700**	4.4 J	21,000	**640**	7.1	1,500	3.7 J	<1.0	550,000	<1.0	9.2	110	<0.20
	MW02042023	4/18/2023	<250	<2.5	<1.2	31	<1.0	<1.0	92,000	<1.0	<1.0	<5.0	<250	<0.50	20,000	55	<2.5	400 J	4.2 J	<1.0	590,000	<1.0	<2.5	45 J	<0.20
	MW02102022	10/4/2022	2,400	0.21 J	<1.7	50	<0.30	<0.40	96,000	2.0	0.64	1.9	**1,200**	0.93	20,000	140	<0.80	870	3.5	<0.30	550,000	<0.30	4.1	53	<0.16
	MW02042022	4/12/2022	510	<2.5	<1.2	42	<1.0	<1.0	100,000	<1.0	<1.0	<5.0	380 J	1.2 J	21,000	**200**	1.7 J	450 J	5.5	<1.0	550,000	<1.0	2.2 J	63 J	<0.20
MW03	MW03102023	10/5/2023	<250	<2.5	<1.2	15	<1.0	<1.0	99,000	0.63 J	<1.0	<5.0	190 J	<0.50	18,000	130	<2.5	290 J	27	<1.0	1,100,000	<1.0	<2.5	<50	<0.20
	MW03042023	4/20/2023	<250	<2.5	<1.2	12	<1.0	<1.0	93,000	<1.0	<1.0	<5.0	<250	<0.50	17,000	88	<2.5	330 J	25	<1.0	1,100,000	<1.0	<2.5	<50	<0.20
	MW03102022	10/6/2022	21 J	<0.50	<1.7	12	<0.30	<0.40	78,000	0.39 J	<0.40	1.1	34 J	<0.20	14,000	41	<0.80	300	31	<0.30	980,000	<0.30	0.79 J	7.9 J	<0.16
	MW03102022DUP	10/6/2022	230	<0.50	<1.7	15	<0.30	<0.40	72,000	0.35 J	<0.40	0.90 J	150	0.10 J	13,000	40	0.69 J	280	29	<0.30	920,000	<0.30	0.88 J	6.4 J	<0.16
	MW03042022	4/14/2022	<250	<2.5	<1.2	12	<1.0	<1.0	76,000	<1.0	<1.0	<5.0	160 J	<0.50	14,000	19	<2.5	<250	22	<1.0	990,000	<1.0	<2.5	<50	<0.20
	MW03042022DUP	4/14/2022	<250	<2.5	<1.2	12	<1.0	<1.0	77,000	<1.0	<1.0	<5.0	180 J	<0.50	14,000	20	<2.5	280 J	22	<1.0	1,000,000	<1.0	<2.5	<50	<0.20

TABLE B-7: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
MW18D	MW18D102023	10/11/2023	730 J	<10	6.4 J	29	<4.0	<4.0	74,000	9.5 J	<4.0	<20	570 J	<2.0	20,000	**620**	9.7 J	1,000 J	<6.0	<4.0	2,100,000	<4.0	20 J	<200	<0.20
	MW18D042023	4/26/2023	<1,000	<10	<5.0	24	<4.0	<4.0	95,000	<4.0	<4.0	<20	780 J	<2.0	22,000	**820**	<10	<2,000	<6.0	<4.0	2,200,000	<4.0	<10	150 J	<0.20
	MW18D102022	10/6/2022	350	<0.50	0.94 J	21	<0.30	<0.40	81,000	<0.80	0.68	2.1	300	0.20 J	20,000	**820**	1.8	430	<0.60	<0.30	2,200,000	<0.30	2.8 J	16	<0.16
	MW18D042022	4/20/2022	<1,000	<10	<5.0	20 J	<4.0	<4.0	86,000	<4.0	<4.0	<20	<1,000	<2.0	21,000	**790**	<10	<2,000	<6.0	<4.0	2,200,000	<4.0	<10	<200	<0.20
MW20	MW20102023	10/11/2023	<1,000	<10	4.7 J	15 J	<4.0	<4.0	250,000	3.7 J	<4.0	<20	560 J	<2.0	55,000	**1,800**	6.5 J	<2,000	**96**	<4.0	2,800,000	<4.0	11 J	140 J	<0.20
	MW20042023	4/26/2023	<1,000	<10	<5.0	21	<4.0	<4.0	240,000	<4.0	<4.0	<20	<1,000	<2.0	55,000	**1,600**	<10	<2,000	**81**	<4.0	2,900,000	<4.0	<10	130 J	<0.20
	MW20102022	10/12/2022	<24	<0.50	<1.7	17	<0.30	<0.40	310,000	<0.80	1.4	2.3	53	<0.20	55,000	**1,600**	2.0	590	**90**	<0.30	3,100,000	<0.30	<2.0	90	<0.16
	MW20042022	4/20/2022	<1,000	<10	<5.0	20 J	<4.0	<4.0	320,000	<4.0	<4.0	<20	590 J	<2.0	61,000	**1,100**	<10	1,100 J	19 J	<4.0	3,400,000	<4.0	<10	<200	<0.20
MW22D	MW22D102023	10/12/2023	<500	<5.0	<2.5	12	<2.0	<2.0	85,000	15	<2.0	<10	400 J	<1.0	17,000	140	3.6 J	<1,000	39	<2.0	1,000,000	<2.0	<5.0	<100	<0.20
	MW22D042023	4/27/2023	<500	<5.0	<2.5	12	<2.0	<2.0	93,000	<2.0	<2.0	<10	<500	<1.0	19,000	160	<5.0	<1,000	40	<2.0	1,100,000	<2.0	<5.0	75 J	<0.20
	MW22D102022	10/12/2022	<24	<0.50	<1.7	10	<0.30	<0.40	86,000	<0.80	0.19 J	0.60 J	29 J	<0.20	17,000	140	0.60 J	340	40	<0.30	840,000	<0.30	1.5 J	<8.0	<0.16
	MW22D042022	4/21/2022	<500	<5.0	<2.5	10	<2.0	<2.0	92,000	<2.0	<2.0	<10	<500	<1.0	18,000	140	<5.0	<1,000	39	<2.0	1,100,000	<2.0	<5.0	<100	<0.20
MW23	MW23102023	10/2/2023	<250	<2.5	2.2 J	230	<1.0	<1.0	12,000	0.52 J	<1.0	<5.0	<250	<0.50	5,900	49	1.4 J	1,200	<1.5	<1.0	490,000	<1.0	5.0 J	<50	<0.20
	MW23042023	4/24/2023	<250	<2.5	2.3 J	230	<1.0	<1.0	12,000	<1.0	<1.0	<5.0	160 J	<0.50	6,100	51	<2.5	1,200	<1.5	<1.0	490,000	<1.0	4.8 J	<50	<0.20
	MW23102022	10/13/2022	100	<0.50	1.5 J	260	<0.30	<0.40	18,000	0.36 J	0.25 J	0.53 J	200	0.17 J	7,100	73	<0.80	1,100	<0.60	<0.30	470,000	<0.30	2.2 J	<8.0	0.083 J
	MW23042022	4/11/2022	180 J	<2.5	<1.2	220	<1.0	<1.0	20,000	<1.0	<1.0	<5.0	740 J	<0.50	7,600	99	<2.5	1,100	<1.5	<1.0	480,000	<1.0	<2.5	<50	<0.20
MW24	MW24102023	10/3/2023	<250	<2.5	<1.2	370	<1.0	<1.0	34,000	<1.0	<1.0	3.1 J	**2,700**	<0.50	11,000	**450**	<2.5	750 J	<1.5	<1.0	270,000	<1.0	<2.5	<50	<0.20
	MW24042023	4/18/2023	<250	<2.5	0.95 J	250	<1.0	<1.0	33,000	<1.0	<1.0	<5.0	**2,000**	<0.50	11,000	**460**	<2.5	770 J	<1.5	<1.0	270,000	<1.0	<2.5	<50	<0.20
	MW24102022	10/3/2022	130	<0.50	0.75 J	300	<0.30	<0.40	32,000	<0.80	<0.40	<0.90	**1,800**	<0.20	10,000	**430**	<0.80	780	<0.60	<0.30	240,000	<0.30	<2.0	<8.0	<0.16
	MW24042022	4/12/2022	<250	<2.5	0.86 J	300	<1.0	<1.0	34,000	0.61 J	<1.0	<5.0	**2,000**	<0.50	11,000	**470**	<2.5	820 J	<1.5	<1.0	280,000	<1.0	1.3 J	<50	<0.20
	MW24042022DUP	4/12/2022	<250	<2.5	0.83 J	280	<1.0	<1.0	33,000	0.67 J	<1.0	<5.0	**1,900**	<0.50	11,000	**470**	<2.5	800 J	<1.5	<1.0	270,000	<1.0	1.9 J	<50	<0.20
MW25	MW25102023	10/6/2023	840 J	<5.0	<2.5	25	<2.0	<2.0	110,000	<2.0	<2.0	<10	470 J	<1.0	21,000	53	<5.0	1,100 J	**67**	<2.0	1,400,000	<2.0	3.1 J	<100	<0.20
	MW25042023	4/21/2023	120 J	<2.5	<1.2	14	<1.0	<1.0	110,000	<1.0	<1.0	<5.0	<250	<0.50	21,000	31	<2.5	820 J	**68**	<1.0	1,400,000	<1.0	1.5 J	<50	<0.20
	MW25102022	10/13/2022	2,800	<0.50	0.77 J	32	<0.30	<0.40	120,000	3.9	0.73	1.3	**1,300**	0.90	23,000	81	1.7	1,300	**74**	<0.30	1,300,000	<0.30	4.1	15	<0.16
	MW25042022	4/13/2022	340 J	<2.5	<1.2	16	<1.0	<1.0	110,000	4.0 J	0.55 J	<5.0	170 J	0.28 J	21,000	54	4.2 J	890 J	**58**	<1.0	1,400,000	<1.0	3.0 J	<50	<0.20
MW26	MW26102023	10/9/2023	<250	<2.5	<1.2	18	<1.0	<1.0	110,000	<1.0	<1.0	<5.0	<250	<0.50	19,000	**1,200**	<2.5	580 J	<1.5	<1.0	1,000,000	<1.0	<2.5	<50	<0.20
	MW26042023	4/24/2023	500 J	<2.5	<1.2	22	<1.0	<1.0	100,000	15	1.3 J	<5.0	420 J	0.29 J	19,000	**1,400**	23	770 J	<1.5	<1.0	1,000,000	<1.0	3.3 J	34 J	<0.20
	MW26102022	10/11/2022	2,100	<0.50	1.0 J	36	<0.30	<0.40	100,000	2.5	1.0	1.9	**1,200**	0.80	19,000	**1,800**	1.4 J	1,000	<0.60	<0.30	940,000	<0.30	5.5	9.9 J	<0.16
	MW26042022	4/18/2022	490 J	<2.5	<1.2	24	<1.0	<1.0	100,000	1.6 J	0.85 J	<5.0	440 J	0.56 J	17,000	**1,500**	1.3 J	590 J	<1.5	<1.0	1,000,000	<1.0	3.4 J	28 J	<0.20
MW27	MW27102023	10/9/2023	3,200	<2.5	1.4 J	170	<1.0	<1.0	76,000	5.9	1.7 J	13	**2,700**	1.8 J	15,000	140	4.8 J	1,200	31	<1.0	980,000	<1.0	5.7	<50	<0.20
	MW27042023	4/24/2023	1,500	<2.5	2.0 J	32	<1.0	<1.0	80,000	4.0 J	1.7 J	28	**1,500**	2.5 J	15,000	**200**	2.1 J	1,100	32	<1.0	950,000	<1.0	7.0	41 J	<0.20
	MW27102022	10/10/2022	**12,000**	0.31 J	3.3	240	0.62	<0.40	82,000	20	3.6	22	**9,100**	4.0	18,000	**210**	11	3,000	34	<0.30	1,100,000	<0.30	18	41	<0.16
	MW27042022	4/20/2022	1,100	<2.5	1.2 J	35	<1.0	<1.0	82,000	2.6 J	1.4 J	23	**1,100**	2.1 J	14,000	**230**	2.6 J	840 J	32	<1.0	980,000	<1.0	3.1 J	46 J	<0.20
MW28	MW28102023	10/6/2023	3,100	<2.5	2.6 J	110	<1.0	<1.0	91,000	4.6 J	2.3 J	41	**3,200**	2.9 J	19,000	**240**	5.0 J	1,200	16	<1.0	1,100,000	<1.0	11	33 J	<0.20
	MW28042023	4/18/2023	600	<2.5	1.6 J	32	<1.0	<1.0	87,000	1.1 J	0.80 J	32	580 J	0.94 J	18,000	160	1.5 J	630 J	18	<1.0	1,100,000	<1.0	5.5	29 J	<0.20
	MW28102022	10/7/2022	**8,700**	0.32 J	3.0	96	0.42 J	<0.40	84,000	13	2.7	35	**6,300**	3.3	19,000	170	8.4	2,400	16	<0.30	1,000,000	<0.30	15	23	0.079 J
	MW28042022	4/13/2022	2,000	<2.5	2.1 J	54	<1.0	<1.0	94,000	3.2 J	2.3 J	69	**1,700**	3.1 J	19,000	**390**	3.8 J	820 J	18	<1.0	1,000,000	<1.0	8.0	<50	<0.20
MW29	MW29102023	10/6/2023	**10,000**	<2.5	7.0	290	1.4 J	1.8 J	82,000	38	8.3	680	**11,000**	11	13,000	**720**	28	2,200	12	<1.0	940,000	<1.0	28	78 J	<0.20
	MW29042023	4/21/2023	2,600	<2.5	6.9	88	1.4 J	1.7 J	84,000	9.7	6.3	530	**2,500**	8.8	10,000	**1,000**	18	950 J	9.7	<1.0	920,000	<1.0	21	58 J	<0.20
	MW29102022	10/4/2022	**17,000**	0.63 J	7.1	170	0.91	1.1	53,000	20	5.2	310	**15,000**	6.7	13,000	**230**	13	4,200	12	<0.30	820,000	0.15 J	30	43	<0.16
	MW29042022	4/14/2022	2,300	<2.5	3.2 J	62	0.55 J	0.97 J	61,000	4.0 J	2.8 J	330	**2,100**	4.0 J	9,400	**350**	5.1	830 J	9.2	<1.0	900,000	<1.0	11	<50	<0.20
MW30	MW30102023	10/9/2023	**5,400**	<2.5	4.1 J	180	0.60 J	<1.0	36,000	6.8	4.3	110	**5,000**	4.1 J	7,300	**590**	8.4	1,600	<1.5	<1.0	950,000	<1.0	15	41 J	<0.20
	MW30042023	4/26/2023	310 J	<2.5	2.0 J	38	<1.0	<1.0	24,000	<1.0	<1.0	12	200 J	<0.50	5,500	110	1.4 J	550 J	<1.5	<1.0	940,000	<1.0	6.7	<50	<0.20
	MW30102022	10/5/2022	**22,000**	0.64 J	**11**	250	1.5	0.77	40,000	26	8.6	180	**21,000**	9.1	11,000	**880**	20	5,300	0.43 J	0.12 J	760,000	0.19 J	41	61	<0.16
	MW30042022	4/20/2022	540	<2.5	2.4 J	43	<1.0	<1.0	31,000	0.78 J	1.1 J	64	500 J	0.97 J	5,700	**290**	2.1 J	530 J	<1.5	<1.0	980,000	<1.0	6.7	<50	<0.20
MW31	MW31102023	10/9/2023	230 J	<5.0	<2.5	19	<2.0	<2.0	150,000	<2.0	<2.0	13 J	<500	3.5 J	32,000	110	<5.0	540 J	31	<2.0	1,800,000	<2.0	<5.0	<100	<0.20
	MW31042023	4/26/2023	<500	<5.0	<2.5	17	<2.0	<2.0	150,000	<2.0	<2.0	11 J	<500	<1.0	31,000	140	<5.0	550 J	28	<2.0	1,900,000	<2.0	<5.0	51 J	<0.20
	MW31102022	10/7/2022	**11,000**	1.1	6.0	110	0.90	0.30 J	180,000	16	4.3	97	**12,000**	4.4	33,000	**250**	10	2,900	29	<0.30	2,100,000	<0.30	22	52	<0.16
	MW31042022	4/21/2022	470 J	<5.0	<2.5	22	<2.0	<2.0	140,000	2.6 J	<2.0	48	**1,100 J**	0.63 J	28,000	140	2.8 J	670 J	25	<2.0	1,800,000	<2.0	<5.0	62 J	<0.20

TABLE B-7: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
MW32	MW32102023	10/2/2023	4,000	<5.0	2.3 J	110	<2.0	<2.0	140,000	7.7 J	3.0 J	37	**4,000**	2.8 J	29,000	**380**	5.9 J	1,300 J	**110**	<2.0	1,400,000	<2.0	10	<100	<0.20
	MW32042023	4/17/2023	960	<2.5	1.3 J	22	<1.0	<1.0	140,000	2.7 J	1.7 J	32	**1,100**	1.4 J	27,000	**380**	2.3 J	720 J	**110**	<1.0	1,400,000	<1.0	4.9 J	30 J	<0.20
	MW32102022	10/7/2022	**5,300**	0.38 J	1.8 J	74	0.24 J	<0.40	150,000	8.6	1.8	18	**3,900**	1.8	30,000	**250**	4.2	1,700	**120**	<0.30	1,300,000	<0.30	7.9	11 J	<0.16
	MW32042022	4/11/2022	1,100	<2.5	<1.2	26	<1.0	<1.0	150,000	2.0 J	1.4 J	29	**1,000**	1.5 J	27,000	**320**	1.7 J	700 J	**110**	<1.0	1,400,000	<1.0	1.5 J	<50	<0.20
MW33	MW33102023	10/9/2023	570	<2.5	2.9 J	43	<1.0	<1.0	10,000	0.68 J	<1.0	<5.0	260 J	<0.50	2,900	28	1.4 J	1,400	<1.5	<1.0	700,000	<1.0	6.7	<50	<0.20
	MW33042023	4/24/2023	1,000	<2.5	2.8 J	37	<1.0	<1.0	9,400	1.2 J	<1.0	<5.0	430 J	0.35 J	2,900	38	1.3 J	1,600	<1.5	<1.0	680,000	<1.0	7.0	<50	<0.20
	MW33102022	10/3/2022	3,600	0.46 J	3.3	55	0.13 J	<0.40	9,200	3.4	0.85	2.3	**1,700**	0.68	3,000	46	3.0	2,200	<0.60	<0.30	580,000	<0.30	9.3	6.7 J	<0.16
	MW33042022	4/18/2022	1,000	<2.5	3.0 J	41	<1.0	<1.0	12,000	2.1 J	0.65 J	<5.0	470 J	0.82 J	2,100	68	1.8 J	2,000	<1.5	<1.0	630,000	<1.0	11	<50	<0.20
MW34	MW34102023	10/9/2023	<500	<5.0	<2.5	26	<2.0	<2.0	70,000	<2.0	<2.0	<10	<500	<1.0	16,000	56	3.2 J	<1,000	1.9 J	<2.0	1,700,000	<2.0	<5.0	<100	<0.20
	MW34042023	4/24/2023	720 J	<5.0	1.3 J	27	<2.0	<2.0	72,000	1.4 J	<2.0	<10	490 J	0.56 J	16,000	**660**	<5.0	700 J	2.2 J	<2.0	1,600,000	<2.0	6.1 J	<100	<0.20
	MW34102022	10/10/2022	2,900	0.52 J	1.6 J	50	<0.30	<0.40	76,000	3.7	1.1	3.1	**1,700**	1.1	16,000	**1,500**	4.7	980	2.1	<0.30	1,400,000	<0.30	8.3	21	<0.16
	MW34042022	4/18/2022	730 J	<5.0	<2.5	28	<2.0	<2.0	68,000	<2.0	<2.0	<10	350 J	<1.0	15,000	**600**	<5.0	<1,000	1.5 J	<2.0	1,600,000	<2.0	3.8 J	<100	<0.20
MW35	MW35102023	10/9/2023	<250	<2.5	<1.2	11	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	2,800	34	<2.5	1,100	<1.5	<1.0	790,000	<1.0	2.0 J	<50	<0.20
	MW35042023	4/24/2023	230 J	<2.5	<1.2	14	<1.0	<1.0	20,000	<1.0	<1.0	<5.0	<250	<0.50	2,900	42	<2.5	1,300	<1.5	<1.0	760,000	<1.0	4.5 J	<50	<0.20
	MW35102022	10/11/2022	2,000	<0.50	<1.7	24	<0.30	<0.40	25,000	3.8	0.62	2.1	**1,100**	0.50	3,200	47	2.1	1,300	0.64 J	<0.30	760,000	<0.30	5.1	4.4 J	<0.16
	MW35102022DUP	10/11/2022	560	<0.50	<1.7	14	<0.30	<0.40	26,000	2.4	<0.40	2.4	300	0.16 J	2,900	40	0.53 J	1,100	0.66 J	<0.30	730,000	<0.30	3.3 J	4.4 J	<0.16
	MW35042022	4/20/2022	<250	<2.5	<1.2	9.6	<1.0	<1.0	19,000	1.2 J	<1.0	<5.0	<250	<0.50	2,600	36	<2.5	1,100	<1.5	<1.0	780,000	<1.0	1.3 J	<50	<0.20
	MW35042022DUP	4/20/2022	300 J	<2.5	<1.2	14	<1.0	<1.0	19,000	0.53 J	<1.0	<5.0	170 J	<0.50	2,700	42	<2.5	1,100	<1.5	<1.0	770,000	<1.0	1.4 J	<50	<0.20
MW36D	MW36D102023	10/5/2023	240 J	<2.5	0.69 J	230	<1.0	<1.0	38,000	0.61 J	<1.0	<5.0	**1,100**	<0.50	14,000	**310**	<2.5	910 J	<1.5	<1.0	560,000	<1.0	2.6 J	<50	<0.20
	MW36D042023	4/24/2023	<250	<2.5	<1.2	230	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	**1,100**	<0.50	14,000	**280**	<2.5	1,000	<1.5	<1.0	550,000	<1.0	<2.5	29 J	<0.20
	MW36D102022	10/11/2022	300	<0.50	<1.7	220	<0.30	<0.40	38,000	0.63 J	0.23 J	1.2	**1,200**	0.13 J	13,000	**260**	0.58 J	910	<0.60	<0.30	520,000	<0.30	1.5 J	<8.0	<0.16
	MW36D042022	4/18/2022	<250	<2.5	<1.2	190	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	870 J	<0.50	13,000	**220**	<2.5	830 J	<1.5	<1.0	580,000	<1.0	<2.5	<50	<0.20
	MW36D042022DUP	4/18/2022	<250	<2.5	<1.2	190	<1.0	<1.0	35,000	<1.0	<1.0	<5.0	840 J	<0.50	13,000	**220**	<2.5	790 J	<1.5	<1.0	560,000	<1.0	<2.5	<50	<0.20
MW36S	MW36S102023	10/5/2023	1,900	<5.0	1.6 J	38	<2.0	<2.0	310,000	2.9 J	3.2 J	5.5 J	**1,500 J**	1.4 J	130,000	**1,600**	2.8 J	1,700 J	2.0 J	<2.0	2,000,000	<2.0	5.8 J	<100	<0.20
	MW36S042023	4/24/2023	380 J	<5.0	<2.5	9.2 J	<2.0	<2.0	310,000	<2.0	1.8 J	<10	<500	<1.0	130,000	**1,400**	<5.0	1,800 J	<3.0	<2.0	2,000,000	<2.0	<5.0	<100	<0.20
	MW36S102022	10/14/2022	790	<0.50	<1.7	12	<0.30	<0.40	330,000	0.94 J	1.6	2.7	500	0.30 J	130,000	**1,500**	2.4	1,500	0.66 J	<0.30	2,000,000	<0.30	2.6 J	15	<0.16
	MW36S042022	4/18/2022	<500	<5.0	<2.5	8.1 J	<2.0	<2.0	300,000	<2.0	1.4 J	<10	<500	<1.0	120,000	**1,300**	<5.0	1,300 J	<3.0	<2.0	2,000,000	<2.0	<5.0	50 J	<0.20
MW37	MW37102023	10/11/2023	**9,600**	<2.5	4.7 J	320	0.84 J	<1.0	47,000	8.0	7.2	8.3 J	**6,600**	7.0	8,500	**1,700**	13	1,600	<1.5	<1.0	670,000	<1.0	22	41 J	<0.20
	MW37042023	4/25/2023	950	<2.5	1.3 J	59	<1.0	<1.0	30,000	0.80 J	1.6 J	<5.0	330 J	0.56 J	5,300	**750**	2.7 J	300 J	<1.5	<1.0	620,000	<1.0	4.7 J	<50	<0.20
	MW37102022	10/10/2022	**18,000**	0.23 J	3.0	180	0.68	<0.40	28,000	12	4.0	5.6	**9,200**	4.7	8,900	**360**	9.0	3,500	<0.60	<0.30	590,000	0.17 J	22	28	<0.16
	MW37102022DUP	10/10/2022	3,500	<0.50	1.8 J	72	0.36 J	<0.40	33,000	2.1	2.4	3.1	**1,600**	1.7	5,700	**900**	3.0	720	<0.60	<0.30	540,000	<0.30	8.6	14 J	<0.16
	MW37042022	4/20/2022	1,300	<2.5	1.0 J	55	<1.0	<1.0	27,000	0.57 J	1.1 J	2.8 J	600 J	1.2 J	4,800	**320**	2.1 J	320 J	<1.5	<1.0	630,000	<1.0	3.9 J	<50	<0.20
MW38	MW38102023	10/9/2023	**6,700**	<2.5	2.2 J	180	<1.0	<1.0	44,000	5.1	6.3	9.1 J	**4,200**	4.3 J	9,400	**2,200**	11	1,200	<1.5	<1.0	760,000	<1.0	15	31 J	<0.20
	MW38042023	4/27/2023	810	<2.5	0.93 J	50	<1.0	<1.0	38,000	1.2 J	1.3 J	3.1 J	280 J	<0.50	7,400	**1,600**	11	400 J	<1.5	<1.0	760,000	<1.0	7.3	53 J	<0.20
	MW38102022	10/10/2022	**6,700**	0.30 J	1.4 J	85	0.27 J	0.22 J	38,000	4.9	4.2	4.8	**3,500**	2.3	8,600	**2,700**	8.8	1,500	<0.60	<0.30	690,000	<0.30	13	31	<0.16
	MW38042022	4/22/2022	1,600	<2.5	1.2 J	48	<1.0	<1.0	45,000	1.0 J	1.9 J	6.5 J	450 J	0.64 J	7,800	**960**	6.1	370 J	<1.5	<1.0	770,000	<1.0	6.8	27 J	<0.20
MW39	MW39102023	10/9/2023	**5,700**	<5.0	3.9 J	140	<2.0	<2.0	53,000	4.0 J	2.9 J	7.0 J	**3,400**	2.7 J	19,000	**220**	7.3 J	1,300 J	<3.0	<2.0	1,600,000	<2.0	13	<100	<0.20
	MW39042023	4/27/2023	**15,000**	<5.0	**15**	44	**7.8**	1.2 J	340,000	12	28	26	**8,400**	**31**	46,000	**3,500**	28	1,600 J	<3.0	<2.0	2,200,000	<2.0	79	280	0.28 J
	MW39102022	10/10/2022	**6,500**	0.41 J	4.2	85	0.32 J	<0.40	37,000	5.9	1.8	5.8	**3,500**	2.1	13,000	96	5.2	1,600	1.2	0.13 J	1,300,000	<0.30	14	11 J	<0.16
	MW39042022	4/22/2022	850 J	<5.0	3.5 J	49	<2.0	<2.0	36,000	1.1 J	1.1 J	<10	700 J	1.1 J	12,000	160	3.7 J	510 J	<3.0	<2.0	1,400,000	<2.0	7.0 J	<100	<0.20
SMW01	SMW01102023	10/4/2023	660	<2.5	3.2 J	64	<1.0	<1.0	20,000	1.4 J	2.0 J	6.1 J	380 J	0.44 J	6,900	**750**	3.9 J	320 J	0.79 J	<1.0	1,100,000	<1.0	8.8	<50	<0.20
	SMW01042023	4/19/2023	<250	<2.5	2.7 J	36	<1.0	<1.0	20,000	<1.0	<1.0	<5.0	<250	<0.50	6,600	**270**	1.9 J	<500	<1.5	<1.0	1,100,000	<1.0	6.1	48 J	0.17 J
	SMW01042023DUP	4/19/2023	<250	<2.5	2.6 J	36	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	6,600	**270**	1.9 J	<500	<1.5	<1.0	1,100,000	<1.0	6.3	47 J	0.20 J
	SMW01102022	10/13/2022	130	<0.50	2.3	54	<0.30	<0.40	20,000	<0.80	1.8	3.9	110	0.29 J	6,300	**1,000**	3.6	200	0.66 J	0.11 J	910,000	<0.30	5.6	7.2 J	0.12 J
	SMW01042022	4/12/2022	<500	<5.0	2.2 J	31	<2.0	<2.0	21,000	3.3 J	<2.0	<10	<500	<1.0	7,200	140	<5.0	<500	<3.0	<2.0	1,100,000	<2.0	6.4 J	1,400	<0.20
TMW01	TMW01102023	10/6/2023	<250	<2.5	<1.2	13	<1.0	<1.0	120,000	0.75 J	<1.0	3.8 J	<250	<0.50	20,000	17	<2.5	280 J	2.4 J	<1.0	580,000	<1.0	13	<50	<0.20
	TMW01042023	4/20/2023	<250	<2.5	0.89 J	11	<1.0	<1.0	120,000	<1.0	<1.0	3.3 J	<250	<0.50	21,000	18	<2.5	260 J	3.1 J	<1.0	570,000	<1.0	14	<50	<0.20
	TMW01102022	10/4/2022	29 J	<0.50	0.72 J	11	<0.30	<0.40	110,000	<0.80	0.17 J	5.0	<40	<0.20	19,000	16	0.51 J	190 J	2.8	<0.30	540,000	<0.30	12	<8.0	<0.16
	TMW01042022	4/15/2022	<250	<2.5	<1.2	11	<1.0	<1.0	110,000	0.76 J	<1.0	3.8 J	<250	<0.50	19,000	19	<2.5	250 J	2.8 J	<1.0	570,000	<1.0	12	<50	<0.20

TABLE B-7: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
TMW02	TMW02102023	10/6/2023	<250	<2.5	1.1 J	8.3	<1.0	<1.0	24,000	<1.0	<1.0	<5.0	<250	<0.50	2,900	<2.5	<2.5	1,300	**75**	<1.0	1,100,000	<1.0	42	<50	<0.20
	TMW02102023FDUP05	10/6/2023	<250	<2.5	1.0 J	8.3	<1.0	<1.0	24,000	<1.0	<1.0	<5.0	<250	<0.50	2,900	<2.5	<2.5	1,300	**74**	<1.0	1,100,000	<1.0	42	<50	<0.20
	TMW02042023	4/21/2023	<500	<5.0	<2.5	9.1 J	<2.0	<2.0	25,000	<2.0	<2.0	<10	<500	<1.0	3,300	<5.0	<5.0	1,300 J	**75**	<2.0	1,100,000	<2.0	43	<100	<0.20
	TMW02042023DUP	4/21/2023	<500	<5.0	<2.5	8.4 J	<2.0	<2.0	24,000	<2.0	<2.0	<10	<500	<1.0	3,000	<5.0	<5.0	1,300 J	**71**	<2.0	1,100,000	<2.0	43	<100	<0.20
	TMW02102022	10/7/2022	<24	<0.50	1.4 J	7.6	<0.30	<0.40	29,000	<0.80	<0.40	0.47 J	<40	<0.20	3,100	<1.9	<0.80	1,200	**78**	<0.30	1,200,000	<0.30	42	<8.0	<0.16
	TMW02102022DUP	10/7/2022	<24	<0.50	1.2 J	8.7	<0.30	<0.40	28,000	<0.80	<0.40	<0.90	<40	<0.20	3,000	<1.9	<0.80	1,100	**79**	<0.30	1,100,000	<0.30	42	<8.0	<0.16
	TMW02042022	4/15/2022	<500	<5.0	<2.5	7.5 J	<2.0	<2.0	24,000	<2.0	<2.0	<10	<500	<1.0	2,800	<5.0	<5.0	1,200 J	**73**	<2.0	1,000,000	<2.0	38	<100	<0.20
	TMW02042022DUP	4/15/2022	<500	<5.0	<2.5	7.3 J	<2.0	<2.0	24,000	<2.0	<2.0	<10	<500	<1.0	2,900	<5.0	<5.0	1,200 J	**78**	<2.0	1,100,000	<2.0	39	<100	<0.20
TMW03	TMW03102023	10/10/2023	<250	<2.5	<1.2	13	<1.0	<1.0	53,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.4 J	<2.5	280 J	**62**	<1.0	1,000,000	<1.0	2.0 J	<50	<0.20
	TMW03102023FDUP06	10/10/2023	<250	<2.5	<1.2	13	<1.0	<1.0	53,000	0.68 J	<1.0	<5.0	<250	<0.50	12,000	4.5 J	<2.5	310 J	**64**	<1.0	990,000	<1.0	1.9 J	<50	<0.20
	TMW03042023	4/24/2023	<250	<2.5	<1.2	13	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.6 J	<2.5	470 J	**65**	<1.0	970,000	<1.0	2.0 J	<50	<0.20
	TMW03042023DUP	4/24/2023	<250	<2.5	<1.2	13	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.6 J	<2.5	480 J	**66**	<1.0	980,000	<1.0	2.1 J	<50	<0.20
	TMW03102022	10/7/2022	<24	<0.50	<1.7	13	<0.30	<0.40	57,000	<0.80	<0.40	0.58 J	<40	<0.20	12,000	5.5	<0.80	320	**66**	<0.30	910,000	<0.30	1.8 J	5.6 J	<0.16
	TMW03042022	4/19/2022	<250	<2.5	<1.2	12	<1.0	<1.0	51,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	4.4 J	<2.5	320 J	**58**	<1.0	980,000	<1.0	<2.5	<50	<0.20
TMW04	TMW04102023	10/4/2023	<250	<2.5	1.7 J	8.6	<1.0	<1.0	30,000	3.6 J	<1.0	<5.0	<250	<0.50	5,700	<2.5	<2.5	550 J	**80**	<1.0	940,000	<1.0	20	<50	<0.20
	TMW04042023	4/21/2023	<250	<2.5	0.89 J	8.0	<1.0	<1.0	30,000	3.1 J	<1.0	<5.0	<250	<0.50	5,500	<2.5	<2.5	520 J	**73**	<1.0	850,000	<1.0	18	<50	<0.20
	TMW04102022	10/10/2022	<24	<0.50	0.91 J	8.0	<0.30	<0.40	37,000	3.6	<0.40	0.51 J	53	<0.20	5,600	<1.9	0.96 J	440	**75**	<0.30	740,000	<0.30	16	<8.0	<0.16
	TMW04042022	4/15/2022	<250	<2.5	<1.2	7.6	<1.0	<1.0	30,000	3.4 J	<1.0	<5.0	<250	<0.50	5,600	<2.5	<2.5	520 J	**75**	<1.0	880,000	<1.0	16	<50	<0.20
TMW06	TMW06102023	10/11/2023	<250	<2.5	2.3 J	18	<1.0	<1.0	37,000	0.97 J	<1.0	7.3 J	<250	<0.50	7,700	160	1.6 J	340 J	0.85 J	0.58 J	920,000	<1.0	8.0	<50	<0.20
	TMW06042023	4/26/2023	<250	<2.5	0.83 J	17	<1.0	<1.0	36,000	<1.0	<1.0	2.6 J	<250	<0.50	7,900	32	<2.5	260 J	<1.5	<1.0	930,000	<1.0	4.8 J	720	<0.20
	TMW06102022	10/7/2022	<24	0.26 J	1.3 J	16	<0.30	<0.40	36,000	<0.80	<0.40	1.5	<40	<0.20	7,800	50	<0.80	170 J	0.62 J	<0.30	930,000	<0.30	4.1	<8.0	<0.16
	TMW06042022	4/20/2022	<250	<2.5	<1.2	15	<1.0	<1.0	35,000	<1.0	<1.0	<5.0	150 J	<0.50	7,700	24	<2.5	<500	0.75 J	<1.0	970,000	<1.0	2.0 J	<50	<0.20
TMW07	TMW07102023	10/6/2023	<500	<5.0	<2.5	19	<2.0	<2.0	63,000	1.8 J	<2.0	<10	<500	<1.0	11,000	**370**	3.5 J	3,100	<3.0	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW07042023	4/21/2023	<500	<5.0	<2.5	15	<2.0	<2.0	61,000	1.8 J	<2.0	<10	<500	<1.0	11,000	**440**	3.4 J	2,800	<3.0	<2.0	1,300,000	<2.0	5.7 J	56 J	<0.20
	TMW07102022	10/12/2022	210	1.8	1.1 J	17	<0.30	<0.40	65,000	4.8	0.84	14	260	0.57	11,000	**520**	5.3	3,000	<0.60	<0.30	1,200,000	<0.30	5.5	22	0.085 J
	TMW07042022	4/15/2022	<500	<5.0	<2.5	16	<2.0	<2.0	57,000	21	4.4 J	<10	320 J	<1.0	10,000	**330**	46	4,100	<3.0	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
TMW08	TMW08102023	10/5/2023	<1,000	<10	<5.0	<10	<4.0	<4.0	300,000	<4.0	<4.0	<20	**1,800 J**	<2.0	92,000	**630**	<10	1,100 J	46	<4.0	4,200,000	<4.0	5.9 J	<200	<0.20
	TMW08042023	4/19/2023	<1,000	<10	<5.0	5.7 J	<4.0	<4.0	550,000	<4.0	<4.0	<20	<1,000	<2.0	140,000	**660**	<10	2,100 J	42	<4.0	5,100,000	<4.0	<10	260 J	<0.20
	TMW08102022	10/5/2022	13 J	<0.50	0.83 J	7.0	<0.30	<0.40	590,000	<0.80	0.53	2.0	**2,700**	0.091 J	130,000	**630**	<0.80	1,600	46	<0.30	4,800,000	<0.30	4.7	13 J	<0.16
	TMW08042022	4/14/2022	<1,000	<10	<5.0	6.6 J	<4.0	<4.0	490,000	<4.0	<4.0	<20	<1,000	<2.0	120,000	**550**	<10	1,700 J	37	<4.0	4,600,000	<4.0	<10	<200	<0.20
TMW10	TMW10102023	10/5/2023	<500	<5.0	1.3 J	13	<2.0	<2.0	47,000	<2.0	<2.0	<10	<500	<1.0	11,000	23	<5.0	<1,000	<3.0	<2.0	1,500,000	<2.0	4.0 J	<100	<0.20
	TMW10102023FDUP04	10/5/2023	<500	<5.0	1.4 J	14	<2.0	<2.0	48,000	<2.0	<2.0	<10	<500	<1.0	12,000	23	<5.0	<1,000	<3.0	<2.0	1,500,000	<2.0	3.8 J	<100	<0.20
	TMW10042023	4/20/2023	<500	<5.0	<2.5	13	<2.0	<2.0	53,000	<2.0	<2.0	<10	<500	<1.0	13,000	19	<5.0	<1,000	<3.0	<2.0	1,600,000	<2.0	<5.0	<100	<0.20
	TMW10042023DUP	4/20/2023	<500	<5.0	<2.5	13	<2.0	<2.0	53,000	<2.0	<2.0	<10	<500	<1.0	13,000	18	<5.0	<1,000	<3.0	<2.0	1,500,000	<2.0	2.5 J	<100	<0.20
	TMW10102022	10/5/2022	<24	<0.50	0.73 J	11	<0.30	<0.40	47,000	<0.80	<0.40	1.4	<40	<0.20	10,000	19	0.76 J	230	0.28 J	<0.30	1,300,000	<0.30	2.8 J	<8.0	<0.16
	TMW10042022	4/14/2022	<500	<5.0	<2.5	13	<2.0	<2.0	50,000	<2.0	<2.0	<10	<500	<1.0	12,000	19	<5.0	<1,000	<3.0	<2.0	1,500,000	<2.0	3.1 J	<100	<0.20
TMW13	TMW13102023	10/11/2023	<250	<2.5	1.8 J	18	<1.0	<1.0	28,000	1.3 J	<1.0	<5.0	<250	<0.50	5,200	<2.5	<2.5	380 J	9.3	<1.0	580,000	<1.0	8.5	<50	<0.20
	TMW13102023FDUP09	10/11/2023	<250	<2.5	1.7 J	18	<1.0	<1.0	27,000	1.6 J	<1.0	<5.0	<250	<0.50	5,200	<2.5	<2.5	420 J	8.8	<1.0	570,000	<1.0	8.8	<50	<0.20
	TMW13042023	4/26/2023	<250	<2.5	<1.2	18	<1.0	<1.0	27,000	<1.0	<1.0	<5.0	<250	<0.50	5,200	<2.5	<2.5	390 J	8.6	<1.0	560,000	<1.0	3.5 J	<50	<0.20
	TMW13102022	10/11/2022	<24	<0.50	<1.7	20	<0.30	<0.40	29,000	0.37 J	<0.40	0.40 J	<40	<0.20	5,100	<1.9	<0.80	360	10	<0.30	530,000	<0.30	2.5 J	<8.0	<0.16
	TMW13102022DUP	10/11/2022	<24	<0.50	<1.7	18	<0.30	<0.40	30,000	0.55 J	<0.40	<0.90	<40	<0.20	5,400	<1.9	<40	330	11	<0.30	560,000	<0.30	2.6 J	<8.0	<0.16
	TMW13042022	4/20/2022	<250	<2.5	<1.2	17	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	5,100	<2.5	<2.5	340 J	10	<1.0	580,000	<1.0	<2.5	<50	<0.20
	TMW13042022DUP	4/20/2022	<250	<2.5	<1.2	17	<1.0	<1.0	27,000	<1.0	<1.0	<5.0	<250	<0.50	5,100	<2.5	<2.5	330 J	9.4	<1.0	590,000	<1.0	<2.5	<50	<0.20
TMW15	TMW15102023	10/11/2023	<250	<2.5	1.5 J	23	<1.0	<1.0	18,000	2.1 J	<1.0	<5.0	<250	<0.50	3,400	1.4 J	<2.5	390 J	13	<1.0	570,000	<1.0	5.7	<50	<0.20
	TMW15042023	4/26/2023	120 J	<2.5	<1.2	25	<1.0	<1.0	18,000	2.1 J	<1.0	<5.0	<250	<0.50	3,400	4.2 J	<2.5	420 J	13	<1.0	540,000	<1.0	2.7 J	190	<0.20
	TMW15042023DUP	4/26/2023	240 J	<2.5	<1.2	26	<1.0	<1.0	18,000	1.9 J	<1.0	<5.0	170 J	<0.50	3,400	5.2	<2.5	420 J	13	<1.0	550,000	<1.0	3.6 J	56 J	<0.20
	TMW15102022	10/11/2022	13 J	<0.50	<1.7	21	<0.30	<0.40	18,000	0.87 J	<0.40	<0.90	<40	<0.20	3,200	<1.9	<0.80	270	13	<0.30	540,000	<0.30	2.0 J	<8.0	<0.16
	TMW15042022	4/20/2022	<250	<2.5	<1.2	21	<1.0	<1.0	18,000	1.5 J	<1.0	<5.0	820 J	<0.50	3,200	4.2 J	3.0 J	310 J	12	<1.0	560,000	<1.0	1.5 J	<50	<0.20

TABLE B-7: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
TMW21	TMW21102023	10/12/2023	<250	<2.5	0.96 J	17	<1.0	<1.0	34,000	7.6	<1.0	<5.0	<250	<0.50	6,800	40	4.5 J	420 J	5.3	<1.0	630,000	<1.0	2.2 J	<50	<0.20
	TMW21102023FDUP10	10/12/2023	<250	<2.5	0.73 J	16	<1.0	<1.0	34,000	7.5	<1.0	<5.0	<250	<0.50	6,400	43	4.0 J	370 J	5.0 J	<1.0	620,000	<1.0	2.2 J	<50	<0.20
	TMW21042023	4/27/2023	<250	<2.5	0.75 J	16	<1.0	<1.0	33,000	1.4 J	<1.0	<5.0	<250	<0.50	6,400	1.9 J	1.7 J	400 J	7.2	<1.0	660,000	<1.0	2.9 J	<50	<0.20
	TMW21102022	10/14/2022	12 J	<0.50	0.99 J	19	<0.30	<0.40	35,000	0.93 J	<0.40	2.2	22 J	<0.20	6,200	32	2.2	410	5.3	<0.30	630,000	<0.30	2.9 J	4.7 J	<0.16
	TMW21042022	4/21/2022	<250	<2.5	<1.2	18	<1.0	<1.0	34,000	1.3 J	<1.0	2.6 J	<250	<0.50	6,600	27	1.9 J	510 J	6.1	<1.0	660,000	<1.0	1.3 J	<50	0.11 J
TMW22	TMW22102023	10/6/2023	910	<2.5	1.2 J	41	<1.0	<1.0	39,000	2.7 J	<1.0	<5.0	460 J	<0.50	12,000	38	1.8 J	660 J	2.1 J	<1.0	890,000	<1.0	7.3	<50	<0.20
	TMW22042023	4/21/2023	140 J	<2.5	0.92 J	21	<1.0	<1.0	38,000	1.2 J	<1.0	<5.0	<250	<0.50	12,000	12	<2.5	500 J	2.4 J	<1.0	840,000	<1.0	5.4	36 J	<0.20
	TMW22102022	10/6/2022	950	0.23 J	0.83 J	24	<0.30	<0.40	36,000	3.1	0.32 J	3.9	480	0.34 J	9,800	26	1.4 J	580	1.7	<0.30	670,000	<0.30	5.2	8.3 J	<0.16
	TMW22042022	4/15/2022	<250	<2.5	<1.2	18	<1.0	<1.0	36,000	1.0 J	<1.0	<5.0	<250	<0.50	11,000	3.8 J	<2.5	510 J	1.8 J	<1.0	830,000	<1.0	4.9 J	<50	<0.20
TMW23	TMW23102023	10/6/2023	970	<2.5	0.89 J	25	<1.0	<1.0	17,000	1.9 J	<1.0	<5.0	330 J	<0.50	4,700	6.6	<2.5	410 J	<1.5	<1.0	740,000	<1.0	2.8 J	<50	<0.20
	TMW23042023	4/21/2023	780	<2.5	1.5 J	32	<1.0	<1.0	22,000	1.9 J	0.70 J	<5.0	420 J	1.3 J	4,700	88	1.6 J	550 J	<1.5	<1.0	880,000	<1.0	5.1	<50	<0.20
	TMW23102022	10/7/2022	960	0.21 J	1.2 J	26	<0.30	<0.40	18,000	1.2 J	0.23 J	0.92 J	530	0.26 J	4,700	7.2	<0.80	460	<0.60	<0.30	860,000	<0.30	3.7 J	7.0 J	<0.16
	TMW23042022	4/15/2022	670	<2.5	0.90 J	31	<1.0	<1.0	19,000	2.6 J	<1.0	<5.0	440 J	0.78 J	4,500	54	1.5 J	490 J	<1.5	<1.0	730,000	<1.0	3.3 J	<50	<0.20
TMW24	TMW24102023	10/9/2023	<250	<2.5	0.99 J	37	<1.0	<1.0	42,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	140	1.8 J	290 J	<1.5	<1.0	1,100,000	<1.0	1.4 J	<50	<0.20
	TMW24042023	4/24/2023	<250	<2.5	1.2 J	34	<1.0	<1.0	40,000	<1.0	<1.0	<5.0	<250	<0.50	10,000	140	<2.5	430 J	<1.5	<1.0	1,100,000	<1.0	3.0 J	31 J	<0.20
	TMW24102022	10/13/2022	<24	<0.50	1.1 J	35	<0.30	<0.40	41,000	<0.80	0.22 J	0.45 J	61	<0.20	10,000	130	0.75 J	280	<0.60	<0.30	960,000	<0.30	2.0 J	<8.0	<0.16
	TMW24042022	4/19/2022	<250	<2.5	<1.2	34	<1.0	<1.0	40,000	<1.0	<1.0	<5.0	<250	<0.50	10,000	130	<2.5	300 J	<1.5	<1.0	1,100,000	<1.0	<2.5	<50	<0.20
TMW25	TMW25102023	10/6/2023	100 J	<2.5	0.85 J	18	<1.0	<1.0	51,000	0.65 J	0.90 J	4.6 J	210 J	<0.50	11,000	**670**	3.8 J	260 J	<1.5	<1.0	860,000	<1.0	5.3	<50	<0.20
	TMW25042023	4/27/2023	120 J	<2.5	0.77 J	17	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	320 J	<0.50	11,000	**380**	2.2 J	260 J	<1.5	<1.0	890,000	<1.0	5.6	<50	<0.20
	TMW25102022	10/12/2022	36	<0.50	0.79 J	13	<0.30	<0.40	52,000	<0.80	<0.40	1.5	32 J	<0.20	11,000	130	<0.80	160 J	0.30 J	<0.30	930,000	<0.30	4.0	<8.0	<0.16
	TMW25042022	4/21/2022	<250	<2.5	<1.2	11	<1.0	<1.0	49,000	<1.0	<1.0	<5.0	360 J	<0.50	10,000	130	<2.5	<500	<1.5	<1.0	890,000	<1.0	2.5 J	<50	<0.20
TMW26	TMW26102023	10/4/2023	360 J	<2.5	1.7 J	24	<1.0	<1.0	20,000	0.64 J	<1.0	4.2 J	160 J	<0.50	7,700	130	2.0 J	370 J	<1.5	<1.0	910,000	<1.0	5.7	<50	<0.20
	TMW26042023	4/19/2023	110 J	<2.5	1.2 J	21	<1.0	<1.0	20,000	<1.0	<1.0	<5.0	<250	<0.50	7,700	130	1.3 J	310 J	<1.5	<1.0	980,000	<1.0	4.3 J	76 J	<0.20
	TMW26102022	10/4/2022	<24	<0.50	1.1 J	17	<0.30	<0.40	20,000	<0.80	0.28 J	1.7	<40	<0.20	6,700	110	1.6	220	<0.60	0.18 J	730,000	<0.30	3.1 J	<8.0	<0.16
	TMW26042022	4/13/2022	<250	<2.5	0.76 J	22	<1.0	<1.0	19,000	<1.0	<1.0	2.7 J	<250	**22**	7,300	120	2.4 J	280 J	<1.5	<1.0	870,000	<1.0	3.4 J	<50	<0.20
TMW27	TMW27102023	10/4/2023	<250	<2.5	**23**	130	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	580 J	<0.50	6,500	**570**	<2.5	480 J	<1.5	<1.0	350,000	<1.0	3.6 J	<50	<0.20
	TMW27102023FDUP03	10/4/2023	<250	<2.5	**23**	130	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	610 J	<0.50	6,700	**570**	1.3 J	490 J	<1.5	<1.0	360,000	<1.0	3.8 J	<50	<0.20
	TMW27042023	4/19/2023	<250	<2.5	**23**	130	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	570 J	<0.50	6,700	**580**	<2.5	540 J	<1.5	<1.0	350,000	<1.0	<2.5	56 J	<0.20
	TMW27102022	10/4/2022	13 J	<0.50	**22**	130	<0.30	<0.40	26,000	<0.80	0.29 J	0.38 J	580	<0.20	6,400	**560**	0.67 J	450	<0.60	<0.30	330,000	<3.0	<2.0	12 J	<0.16
	TMW27042022	4/13/2022	<250	<2.5	**20**	120	<1.0	<1.0	23,000	<1.0	<1.0	<5.0	530 J	<0.50	6,100	**540**	1.3 J	450 J	<1.5	<1.0	330,000	<1.0	<2.5	<50	<0.20
TMW28	TMW28102023	10/10/2023	<250	<2.5	<1.2	60	<1.0	<1.0	94,000	6.9	<1.0	<5.0	450 J	<0.50	29,000	**410**	2.0 J	1,100	<1.5	<1.0	420,000	<1.0	<2.5	110	<0.20
	TMW28042023	4/24/2023	<250	<2.5	<1.2	61	<1.0	<1.0	170,000	<1.0	<1.0	<5.0	440 J	<0.50	51,000	**590**	<2.5	1,300	<1.5	<1.0	670,000	<1.0	<2.5	<50	<0.20
	TMW28102022	10/7/2022	<24	<0.50	<1.7	49	<0.30	<0.40	73,000	<0.80	<0.40	<0.90	300	<0.20	23,000	**290**	<0.80	960	<0.60	<0.30	420,000	<0.30	1.0 J	5.1 J	<0.16
	TMW28042022	4/18/2022	<250	<2.5	<1.2	44	<1.0	<1.0	92,000	<1.0	<1.0	<5.0	280 J	<0.50	28,000	**340**	<2.5	1,000 J	<1.5	<1.0	370,000	<1.0	<2.5	<50	<0.20
TMW29	TMW29102023	10/6/2023	**6,100**	<2.5	2.1 J	130	0.59 J	<1.0	46,000	6.7	2.9 J	5.2 J	**3,900**	3.9 J	9,100	170	6.7	1,500	17	<1.0	550,000	<1.0	11	<50	<0.20
	TMW29042023	4/21/2023	800	<2.5	1.3 J	42	<1.0	<1.0	42,000	1.6 J	0.60 J	<5.0	410 J	1.1 J	7,700	58	1.8 J	790 J	17	<1.0	570,000	<1.0	6.5	<50	<0.20
	TMW29102022	10/6/2022	560	0.22 J	1.1 J	23	<0.30	<0.40	40,000	1.0 J	0.18 J	0.91 J	300	0.23 J	7,200	17	<0.80	740	16	<0.30	500,000	<0.30	4.9	<8.0	<0.16
	TMW29042022	4/15/2022	350 J	<2.5	0.67 J	26	<1.0	<1.0	37,000	1.6 J	<1.0	<5.0	200 J	0.28 J	7,000	21	<2.5	710 J	18	<1.0	560,000	<1.0	5.0	<50	<0.20
TMW31S	TMW31S102023	10/5/2023	1,200	<2.5	0.76 J	28	<1.0	<1.0	120,000	3.8 J	0.57 J	<5.0	580 J	0.57 J	22,000	55	<2.5	440 J	6.7	<1.0	540,000	<1.0	3.9 J	<50	<0.20
	TMW31S042023	4/19/2023	300 J	<2.5	<1.2	18	<1.0	<1.0	120,000	1.6 J	<1.0	<5.0	150 J	<0.50	22,000	44	<2.5	470 J	7.5	<1.0	570,000	<1.0	3.2 J	60 J	<0.20
	TMW31S102022	10/6/2022	580	<0.50	<1.7	18	0.20 J	<0.40	120,000	1.6 J	0.29 J	4.0	250	0.34 J	22,000	35	<0.80	390	7.6	<0.30	550,000	0.16 J	2.9 J	7.3 J	<0.16
	TMW31S042022	4/14/2022	1,500	<2.5	<1.2	39	<1.0	<1.0	120,000	2.7 J	1.2 J	<5.0	500 J	3.0 J	21,000	**370**	2.5 J	470 J	6.6	<1.0	540,000	<1.0	5.0	<50	<0.20
TMW33	TMW33102023	10/6/2023	<500	<5.0	<2.5	15	<2.0	<2.0	110,000	<2.0	<2.0	<10	<500	<1.0	32,000	150	<5.0	<1,000	<3.0	<2.0	2,500,000	<2.0	<5.0	<100	<0.20
	TMW33042023	4/21/2023	<500	<5.0	<2.5	16	<2.0	<2.0	110,000	<2.0	<2.0	<10	<500	<1.0	32,000	**330**	<5.0	<1,000	<3.0	<2.0	2,400,000	<2.0	3.9 J	<100	<0.20
	TMW33102022	10/7/2022	900	<0.50	1.0 J	24	<0.30	<0.40	62,000	1.6 J	0.76	2.7	620	0.51	32,000	**570**	1.5	670	0.64 J	<0.30	730,000	<0.30	5.1	39	<0.16
	TMW33042022	4/15/2022	<500	<5.0	<2.5	16	<2.0	<2.0	110,000	<2.0	<2.0	<10	<500	<1.0	31,000	**280**	<5.0	550 J	<3.0	<2.0	2,400,000	<2.0	<5.0	<100	<0.20
TMW34	TMW34102023	10/10/2023	<500	<5.0	<2.5	12	<2.0	<2.0	120,000	<2.0	<2.0	<10	<500	<1.0	25,000	170	<5.0	<1,000	**110**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW34102023FDUP07	10/10/2023	<500	<5.0	<2.5	12	<2.0	<2.0	120,000	<2.0	<2.0	<10	<500	<1.0	26,000	170	<5.0	<1,000	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW34042023	4/26/2023	<500	<5.0	<2.5	23	<2.0	<2.0	120,000	<2.0	<2.0	<10	<500	<1.0	27,000	160	<5.0	630 J	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW34102022DUP	10/11/2022	28 J	<0.50	<1.7	13	<0.30	<0.40	130,000	<0.80	0.16 J	0.58 J	25 J	<0.20	28,000	170	<40	520	**130**	0.17 J	1,300,000	<0.30	1.2 J	<8.0	<0.16
	TMW34102022	10/11/2022	43	<0.50	<1.7	12	<0.30	<0.40	130,000	<0.80	0.16 J	0.56 J	33 J	<0.20	28,000	180	<0.80	500	**130**	<0.30	1,300,000	<0.30	1.1 J	<8.0	<0.16
	TMW34042022	4/19/2022	<500	<5.0	<2.5	13	<2.0	<2.0	130,000	<2.0	<2.0	<10	<500	<1.0	26,000	**230**	<5.0	600 J	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW34042022DUP	4/19/2022	<500	<5.0	<2.5	13	<2.0	<2.0	130,000	<2.0	<2.0	<10	<500	<1.0	27,000	170	<5.0	600 J	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20

TABLE B-7: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
TMW35	TMW35102023	10/11/2023	<250	<2.5	2.0 J	12	<1.0	<1.0	72,000	1.2 J	<1.0	4.5 J	<250	<0.50	14,000	56	1.3 J	360 J	2.1 J	<1.0	1,100,000	<1.0	7.1	<50	<0.20
	TMW35042023	4/26/2023	<250	<2.5	<1.2	11	<1.0	<1.0	71,000	<1.0	<1.0	<5.0	<250	<0.50	14,000	28	<2.5	<500	2.1 J	<1.0	1,100,000	<1.0	<2.5	<50	<0.20
	TMW35102022	10/11/2022	<24	<0.50	<1.7	11	<0.30	<0.40	81,000	<0.80	<0.40	1.4	<40	<0.20	14,000	21	0.77 J	210	2.9	<0.30	1,100,000	<0.30	1.6 J	<8.0	<0.16
	TMW35042022	4/20/2022	<250	<2.5	<1.2	11	<1.0	<1.0	73,000	<1.0	<1.0	<5.0	<250	<0.50	14,000	160	<2.5	270 J	3.5 J	<1.0	1,100,000	<1.0	<2.5	<50	<0.20
TMW39S	TMW39S102023	10/6/2023	400 J	<2.5	<1.2	17	<1.0	<1.0	66,000	1.8 J	<1.0	<5.0	230 J	<0.50	15,000	9.8	<2.5	440 J	9.3	<1.0	790,000	<1.0	2.4 J	<50	<0.20
	TMW39S042023	4/20/2023	180 J	<2.5	<1.2	15	<1.0	<1.0	74,000	1.6 J	<1.0	<5.0	<250	<0.50	17,000	18	<2.5	400 J	9.9	<1.0	850,000	<1.0	3.4 J	<50	0.73
	TMW39S102022	10/7/2022	690	<0.50	<1.7	18	<0.30	<0.40	81,000	2.4	0.24 J	1.1	350	0.27 J	16,000	11	<0.80	400	10	<0.30	830,000	<0.30	4.1	8.6 J	<0.16
	TMW39S042022	4/13/2022	300 J	<2.5	<1.2	20	<1.0	<1.0	70,000	1.9 J	<1.0	<5.0	150 J	0.29 J	16,000	28	<2.5	420 J	11	<1.0	820,000	<1.0	2.9 J	<50	<0.20
TMW41	TMW41102023	10/6/2023	200 J	<2.5	<1.2	11	<1.0	<1.0	16,000	1.3 J	<1.0	<5.0	<250	<0.50	3,800	2.7 J	<2.5	520 J	<1.5	<1.0	890,000	<1.0	6.7	<50	<0.20
	TMW41042023	4/21/2023	130 J	<2.5	<1.2	11	<1.0	<1.0	16,000	2.1 J	<1.0	<5.0	<250	<0.50	3,800	10	1.6 J	690 J	<1.5	<1.0	850,000	<1.0	7.3	<50	<0.20
	TMW41102022	10/7/2022	450	0.32 J	<1.7	12	<0.30	<0.40	18,000	1.4 J	0.16 J	0.82 J	220	0.14 J	3,600	3.7	<0.80	470	0.42 J	<0.30	870,000	0.27 J	6.8	8.9 J	<0.16
	TMW41042022	4/15/2022	220 J	<2.5	<1.2	12	<1.0	<1.0	16,000	1.5 J	<1.0	<5.0	130 J	0.76 J	3,700	9.3	<2.5	540 J	<1.5	<1.0	840,000	<1.0	5.7	<50	<0.20
TMW43	TMW43102023	10/10/2023	<250	<2.5	<1.2	20	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	6,300	61	<2.5	530 J	5.8	<1.0	580,000	<1.0	1.6 J	<50	<0.20
	TMW43042023	4/25/2023	<250	<2.5	<1.2	19	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	6,300	56	<2.5	590 J	5.7	<1.0	580,000	<1.0	1.3 J	<50	<0.20
	TMW43042023DUP	4/25/2023	<250	<2.5	<1.2	19	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	6,400	54	<2.5	620 J	6.1	<1.0	580,000	<1.0	1.6 J	<50	<0.20
	TMW43102022	10/11/2022	17 J	<0.50	<1.7	19	<0.30	<0.40	37,000	<0.80	<0.40	<0.90	<40	<0.20	6,400	53	<0.80	620	6.0	<0.30	550,000	<0.30	1.6 J	<8.0	<0.16
	TMW43042022	4/19/2022	<250	<2.5	<1.2	19	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	6,200	76	<2.5	580 J	4.4 J	<1.0	570,000	<1.0	<2.5	<50	<0.20
TMW44	TMW44102023	10/2/2023	130 J	<2.5	1.2 J	18	<1.0	<1.0	38,000	1.2 J	<1.0	<5.0	<250	<0.50	12,000	19	<2.5	350 J	2.5 J	<1.0	790,000	<1.0	5.4	<50	<0.20
	TMW44042023	4/18/2023	140 J	<2.5	0.84 J	18	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	<250	0.26 J	12,000	56	<2.5	300 J	2.9 J	<1.0	770,000	<1.0	3.8 J	<50	<0.20
	TMW44102022	10/4/2022	430	<0.50	0.75 J	17	<0.30	<0.40	40,000	0.57 J	<0.40	0.68 J	230	0.19 J	11,000	18	0.40 J	320	2.4	<0.30	750,000	<0.30	3.8 J	<8.0	<0.16
	TMW44042022	4/12/2022	230 J	<2.5	0.82 J	20	<1.0	<1.0	39,000	0.90 J	<1.0	<5.0	140 J	<0.50	12,000	64	<2.5	350 J	3.3 J	<1.0	780,000	<1.0	4.0 J	<50	<0.20
TMW45	TMW45102023	10/11/2023	<250	<2.5	2.0 J	71	<1.0	<1.0	30,000	1.6 J	<1.0	<5.0	<250	<0.50	7,800	**340**	2.2 J	550 J	1.3 J	<1.0	960,000	<1.0	6.9	<50	<0.20
	TMW45042023	4/25/2023	<250	<2.5	0.73 J	66	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	7,500	180	<2.5	440 J	0.99 J	<1.0	940,000	<1.0	3.7 J	<50	<0.20
	TMW45102022	10/12/2022	22 J	<0.50	0.86 J	59	<0.30	<0.40	29,000	<0.80	0.16 J	1.3	<40	<0.20	7,000	**200**	1.3 J	370	0.97 J	<0.30	830,000	<0.30	3.7 J	<8.0	<0.16
	TMW45042022	4/19/2022	<250	<2.5	<1.2	59	<1.0	<1.0	27,000	<1.0	<1.0	<5.0	<250	<0.50	7,200	48	<2.5	420 J	0.96 J	<1.0	950,000	<1.0	2.4 J	<50	<0.20
TMW46	TMW46102023	10/2/2023	1,000	<5.0	<2.5	37	<2.0	<2.0	110,000	2.6 J	<2.0	<10	790 J	0.67 J	24,000	37	<5.0	560 J	**120**	<2.0	1,400,000	<2.0	7.8 J	<100	0.11 J
	TMW46042023	4/18/2023	<500	<5.0	<2.5	11	<2.0	<2.0	100,000	<2.0	<2.0	<10	<500	<1.0	23,000	56	<5.0	<1,000	**120**	<2.0	1,300,000	<2.0	3.6 J	<100	<0.20
	TMW46102022DUP	10/4/2022	650	0.22 J	<1.7	16	<0.30	<0.40	98,000	0.91 J	0.28 J	0.88 J	400	0.42 J	21,000	17	0.67 J	350	**120**	<0.30	1,200,000	<0.30	4.0	16	<0.16
	TMW46102022	10/4/2022	1,800	0.53 J	<1.7	26	<0.30	<0.40	110,000	1.9 J	0.52	1.2	980	1.1	23,000	39	<0.80	580	**120**	<0.30	1,200,000	<0.30	5.9	16	<0.16
	TMW46042022	4/12/2022	<500	<5.0	<2.5	12	<2.0	<2.0	100,000	<2.0	<2.0	<10	<500	<1.0	23,000	24	<5.0	<1,000	**120**	<2.0	1,300,000	<2.0	4.4 J	<100	<0.20
TMW47	TMW47102023	10/12/2023	<250	<2.5	<1.2	13	<1.0	<1.0	7,100	6.5	<1.0	<5.0	<250	<0.50	840	33	2.3 J	710 J	<1.5	<1.0	550,000	<1.0	<2.5	<50	<0.20
	TMW47042023	4/27/2023	<250	<2.5	<1.2	13	<1.0	<1.0	6,700	<1.0	<1.0	<5.0	<250	<0.50	700	35	<2.5	840 J	<1.5	<1.0	580,000	<1.0	<2.5	26 J	<0.20
	TMW47102022	10/13/2022	<24	<0.50	<1.7	11	<0.30	<0.40	6,900	<0.80	<0.40	<0.90	<40	<0.20	670	31	<0.80	740	<0.60	<0.30	540,000	<0.30	<2.0	<8.0	<0.16
	TMW47042022	4/21/2022	<250	<2.5	<1.2	12	<1.0	<1.0	6,300	<1.0	<1.0	<5.0	<250	<0.50	670	32	<2.5	800 J	<1.5	<1.0	580,000	<1.0	<2.5	<50	<0.20
TMW57	TMW57102023	10/9/2023	**18,000**	<2.5	6.5	930	2.2 J	<1.0	72,000	27	15	54	**16,000**	12	9,100	**2,100**	23	2,700	11	<1.0	590,000	<1.0	31	47 J	<0.20
	TMW57042023	4/24/2023	710	<2.5	1.5 J	50	<1.0	<1.0	14,000	1.8 J	0.91 J	6.4 J	510 J	0.64 J	2,900	**240**	1.8 J	630 J	9.7	<1.0	540,000	<1.0	4.2 J	<50	<0.20
	TMW57102022	10/10/2022	**5,700**	0.45 J	2.3	79	0.27 J	<0.40	15,000	20	1.8	8.0	**4,100**	1.5	4,000	190	11	1,500	10	<0.30	640,000	<0.30	8.8	9.9 J	<0.16
	TMW57042022	4/18/2022	1,400	<2.5	1.7 J	72	<1.0	<1.0	24,000	2.6 J	2.6 J	18	890 J	1.6 J	3,300	**750**	4.0 J	620 J	9.7	<1.0	570,000	<1.0	6.1	<50	<0.20
TMW59	TMW59102023	10/9/2023	3,900	<2.5	2.8 J	84	<1.0	<1.0	42,000	8.7	2.1 J	6.9 J	**3,300**	2.3 J	10,000	110	6.5	1,300	1.8 J	<1.0	780,000	<1.0	12	<50	<0.20
	TMW59042023	4/24/2023	1,700	<2.5	3.4 J	46	0.53 J	<1.0	51,000	7.2	3.3 J	25	**3,100**	4.2 J	11,000	**400**	4.8 J	950 J	1.5 J	<1.0	790,000	<1.0	13	32 J	<0.20
	TMW59102022	10/10/2022	**5,900**	0.43 J	4.9	75	0.52	<0.40	41,000	15	2.9	11	**6,100**	2.4	10,000	**200**	8.1	2,000	1.4	<0.30	640,000	<0.30	15	24	<0.16
	TMW59042022	4/18/2022	1,000	<2.5	2.2 J	35	<1.0	<1.0	39,000	7.4	1.6 J	8.6 J	930 J	1.4 J	8,900	180	6.5	630 J	0.75 J	<1.0	790,000	<1.0	8.1	<50	<0.20
TMW61	TMW61102023	10/9/2023	1,100	<5.0	<2.5	57	<2.0	<2.0	69,000	1.1 J	1.7 J	<10	700 J	<1.0	18,000	**1,800**	4.7 J	580 J	2.1 J	<2.0	1,500,000	<2.0	3.9 J	<100	<0.20
	TMW61042023	4/24/2023	310 J	<5.0	<2.5	32	<2.0	<2.0	68,000	<2.0	<2.0	<10	<500	<1.0	18,000	**1,000**	11	740 J	1.7 J	<2.0	1,500,000	<2.0	6.2 J	<100	<0.20
	TMW61102022	10/10/2022	**5,300**	0.46 J	2.5	80	0.25 J	<0.40	70,000	6.8	2.7	4.2	**3,600**	1.8	18,000	**2,000**	6.5	1,600	2.7	<0.30	1,400,000	<0.30	11	62	<0.16
	TMW61042022	4/18/2022	410 J	<2.5	0.68 J	37	<1.0	<1.0	66,000	<1.0	1.1 J	<5.0	230 J	0.29 J	17,000	**1,200**	1.6 J	370 J	3.6 J	<1.0	1,600,000	<1.0	3.7 J	<50	<0.20
TMW62	TMW62102023	10/6/2023	4,400	<2.5	2.0 J	130	<1.0	<1.0	36,000	3.5 J	2.5 J	6.7 J	**2,800**	2.3 J	8,200	**410**	3.9 J	1,300	2.1 J	<1.0	760,000	<1.0	7.7	<50	<0.20
	TMW62042023	4/21/2023	780	<2.5	1.1 J	32	<1.0	<1.0	34,000	0.98 J	1.0 J	<5.0	390 J	1.1 J	7,000	**290**	1.3 J	560 J	1.7 J	<1.0	720,000	<1.0	3.6 J	<50	<0.20
	TMW62102022	10/7/2022	2,600	<0.50	1.4 J	41	0.15 J	<0.40	36,000	2.4	1.0	63	**1,700**	3.5	7,600	190	0.75 J	960	1.1	<0.30	730,000	<0.30	5.6	20	<0.16
	TMW62042022	4/15/2022	380 J	<2.5	<1.2	25	<1.0	<1.0	30,000	0.57 J	<1.0	2.5 J	240 J	0.35 J	6,600	160	<2.5	580 J	1.1 J	<1.0	720,000	<1.0	2.6 J	<50	<0.20

TABLE B-7: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			**5,000**	**6**	**10**	**2,000**	**4**	**5**	**–**	**50**	**50**	**1,000**	**1,000**	**15**	**–**	**200**	**200**	**–**	**50**	**50**	**–**	**2**	**86**	**10,000**	**2**
Bedrock Wells																									
BGMW07	**BGMW07102023**	**10/3/2023**	<1,000	<10	<5.0	30	<4.0	<4.0	730,000	3.8 J	<4.0	14 J	<1,000	<2.0	98,000	**1,500**	9.1 J	8,800	<6.0	<4.0	6,400,000	<4.0	<10	<200	<1.0
	BGMW07042023	**4/17/2023**	<250	<2.5	0.64 J	26	<1.0	<1.0	700,000	1.5 J	1.2 J	<5.0	<250	<0.50	93,000	**1,300**	2.0 J	8,800	<1.5	<1.0	5,900,000	<1.0	3.9 J	<50	<1.0
	BGMW07102022	**10/3/2022**	67	<0.50	<1.7	27	<0.30	<0.40	800,000	0.89 J	1.0	0.47 J	89	0.077 J	97,000	**1,300**	<0.80	7,600	<0.60	<0.30	6,000,000	<0.30	2.3 J	44	<0.16
	BGMW07042022	**4/11/2022**	<1,000	<10	<5.0	28	<4.0	<4.0	720,000	5.4 J	2.3 J	<20	<1,000	<2.0	99,000	**2,200**	<10	8,200	<6.0	<4.0	6,200,000	<4.0	<10	<200	<0.20
BGMW08	**BGMW08102023**	**10/2/2023**	**25,000**	<10	4.3 J	420	<4.0	<4.0	410,000	**92**	14 J	35 J	**11,000**	11 J	50,000	**2,400**	56	6,400	<6.0	<4.0	4,000,000	<4.0	44	110 J	<0.20
	BGMW08042023	**4/17/2023**	460 J	<10	<5.0	13 J	<4.0	<4.0	340,000	5.4 J	<4.0	<20	<1,000	<2.0	42,000	160	<10	4,700	<6.0	<4.0	3,800,000	<4.0	5.0 J	<200	<0.20
	BGMW08102022	**10/3/2022**	**89,000**	1.6	5.7	810	2.8	0.35 J	440,000	**150**	26	41	**44,000**	**22**	63,000	**3,200**	94	14,000	<0.60	0.21 J	3,800,000	0.32 J	**97**	100	0.10 J
	BGMW08042022	**4/11/2022**	**6,100**	<10	<5.0	54	<4.0	<4.0	350,000	29	8.4 J	<20	**2,800 J**	3.2 J	43,000	**770**	23	5,200	<6.0	<4.0	3,900,000	<4.0	<10	<200	<0.20
BGMW09	**BGMW09102023**	**10/3/2023**	**5,400**	<5.0	2.7 J	170	1.1 J	<2.0	37,000	7.4 J	1.4 J	10 J	**3,900**	13	5,400	150	3.9 J	2,000 J	<3.0	<2.0	1,200,000	<2.0	10	<100	<0.20
	BGMW09042023	**4/17/2023**	440 J	<5.0	<2.5	12	<2.0	<2.0	33,000	1.6 J	<2.0	<10	380 J	<1.0	4,000	91	<5.0	1,600 J	<3.0	<2.0	1,200,000	<2.0	7.2 J	<100	<0.20
	BGMW09042023DUP	**4/17/2023**	880 J	<5.0	1.3 J	15	<2.0	<2.0	35,000	6.2 J	<2.0	<10	760 J	1.4 J	4,200	130	6.2 J	1,600 J	<3.0	<2.0	1,200,000	<2.0	6.4 J	<100	<0.20
	BGMW09102022	**10/3/2022**	3,800	0.32 J	1.9 J	41	0.29 J	<0.40	38,000	6.2	0.71	2.9	**2,100**	3.4	4,800	67	4.0	1,700	0.35 J	<0.30	1,300,000	<0.30	8.2	11 J	<0.16
	BGMW09042022	**4/12/2022**	740 J	<5.0	1.4 J	13	<2.0	<2.0	36,000	2.7 J	<2.0	<10	480 J	<1.0	4,200	98	4.3 J	1,600 J	<3.0	<2.0	1,200,000	<2.0	6.5 J	<100	<0.20
	BGMW09042022DUP	**4/12/2022**	730 J	<5.0	1.3 J	14	<2.0	<2.0	36,000	2.9 J	<2.0	<10	500 J	0.84 J	4,200	120	4.8 J	1,600 J	<3.0	<2.0	1,200,000	<2.0	6.1 J	<100	<0.20
BGMW10	**BGMW10102023**	**10/3/2023**	<250	<2.5	<1.2	7.9	<1.0	<1.0	8,300	0.92 J	<1.0	3.8 J	<250	<0.50	910	20	<2.5	700 J	<1.5	<1.0	640,000	<1.0	<2.5	<50	<0.20
	BGMW10102023FDUP02	**10/3/2023**	<250	<2.5	<1.2	7.2	<1.0	<1.0	8,200	<1.0	<1.0	3.1 J	<250	<0.50	880	17	<2.5	690 J	<1.5	<1.0	610,000	<1.0	<2.5	<50	<0.20
	BGMW10042023	**4/18/2023**	<250	<2.5	<1.2	6.6	<1.0	<1.0	7,900	<1.0	<1.0	<5.0	<250	<0.50	900	16	<2.5	710 J	<1.5	<1.0	630,000	<1.0	<2.5	<50	<0.20
	BGMW10042023DUP	**4/18/2023**	<250	<2.5	<1.2	7.1	<1.0	<1.0	8,200	1.2 J	<1.0	<5.0	<250	<0.50	950	21	<2.5	960 J	<1.5	<1.0	630,000	<1.0	<2.5	30 J	<0.20
	BGMW10102022	**10/12/2022**	96	<0.50	<1.7	7.1	<0.30	<0.40	12,000	1.1 J	<0.40	2.6	64	0.14 J	970	19	<0.80	760	<0.60	<0.30	610,000	<0.30	<2.0	4.7 J	<0.16
	BGMW10042022	**4/12/2022**	<250	<2.5	<1.2	9.4	<1.0	<1.0	8,500	<1.0	<1.0	<5.0	<250	<0.50	980	23	<2.5	760 J	<3.0	<2.0	650,000	<1.0	<2.5	<50	<0.20
TMW14A	**TMW14A102023**	**10/12/2023**	1,200	<2.5	0.64 J	76	<1.0	<1.0	4,900	14	0.73 J	180	720 J	1.1 J	1,100	58	9.6	580 J	<1.5	1.2 J	430,000	<1.0	2.2 J	<50	<0.20
	TMW14A042023	**4/21/2023**	<250	<2.5	<1.2	19	<1.0	<1.0	3,600	<1.0	<1.0	19	<250	<0.50	450 J	14	2.1 J	550 J	<1.5	<1.0	450,000	<1.0	<2.5	<50	<0.20
	TMW14A102022	**10/10/2022**	41	<0.50	<1.7	20	<0.30	<0.40	5,700	<0.80	<0.40	57	38 J	0.16 J	430	17	1.6	540	<0.60	1.6	390,000	<0.30	<2.0	4.1 J	<0.16
	TMW14A042022	**4/18/2022**	<250	<2.5	<1.2	15	<1.0	<1.0	3,200	<1.0	<1.0	25	<250	<0.50	390 J	12	1.6 J	440 J	<1.5	<1.0	440,000	<1.0	<2.5	<50	<0.20
TMW16	**TMW16102023**	**10/2/2023**	400 J	<2.5	<1.2	20	<1.0	<1.0	4,300	12	<1.0	6.0 J	210 J	0.91 J	580	10	9.1	650 J	<1.5	<1.0	470,000	<1.0	8.2	<50	<0.20
	TMW16102023FDUP01	**10/2/2023**	430 J	<2.5	<1.2	24	<1.0	<1.0	4,300	12	<1.0	5.4 J	240 J	0.77 J	580	12	9.2	660 J	<1.5	<1.0	450,000	<1.0	8.6	<50	<0.20
	TMW16042023	**4/17/2023**	120 J	<2.5	<1.2	14	<1.0	<1.0	4,300	3.5 J	<1.0	<5.0	<250	0.92 J	450 J	8.2	26	630 J	<1.5	<1.0	450,000	<1.0	5.3	<50	<0.20
	TMW16102022	**10/3/2022**	430	<0.50	0.74 J	21	<0.30	<0.40	9,900	5.8	0.20 J	4.6	230	0.63	540	15	10	610	<0.60	0.22 J	420,000	<0.30	24	11 J	<0.16
	TMW16042022	**4/11/2022**	350 J	<2.5	<1.2	16	<1.0	<1.0	4,700	4.7 J	<1.0	8.6 J	180 J	0.77 J	560	12	25	630 J	<1.5	<1.0	470,000	<1.0	4.1 J	27 J	<0.20
TMW17	**TMW17102023**	**10/9/2023**	110 J	<2.5	<1.2	14	<1.0	<1.0	3,900	<1.0	<1.0	<5.0	<250	0.27 J	550	15	<2.5	660 J	<1.5	<1.0	470,000	<1.0	<2.5	<50	<0.20
	TMW17042023	**4/21/2023**	<250	<2.5	<1.2	15	<1.0	<1.0	3,900	<1.0	<1.0	<5.0	<250	0.29 J	600	13	<2.5	720 J	<1.5	<1.0	460,000	<1.0	<2.5	<50	<0.20
	TMW17042023DUP	**4/21/2023**	<250	<2.5	<1.2	15	<1.0	<1.0	3,800	<1.0	<1.0	<5.0	<250	<0.50	600	12	<2.5	740 J	<1.5	<1.0	480,000	<1.0	<2.5	<50	<0.20
	TMW17102022	**10/10/2022**	110	<0.50	<1.7	15	<0.30	<0.40	8,100	<0.80	0.29 J	0.63 J	32 J	0.28 J	550	12	<0.80	640	0.76 J	<0.30	460,000	<0.30	<2.0	<8.0	<0.16
	TMW17042022	**4/18/2022**	<250	<2.5	<1.2	13	<1.0	<1.0	3,500	<1.0	<1.0	<5.0	<250	<0.50	560	12	<2.5	640 J	<1.5	<1.0	480,000	<1.0	<2.5	<50	<0.20
TMW18	**TMW18102023**	**10/2/2023**	190 J	<2.5	<1.2	12	<1.0	<1.0	7,700	0.71 J	<1.0	<5.0	<250	<0.50	1,200	7.8	<2.5	2,100	<1.5	<1.0	700,000	<1.0	5.6	<50	<0.20
	TMW18042023	**4/17/2023**	220 J	<2.5	<1.2	12	<1.0	<1.0	7,700	0.67 J	<1.0	<5.0	<250	0.30 J	1,200	6.2	<2.5	2,400	<1.5	<1.0	680,000	<1.0	7.3	<50	<0.20
	TMW18102022	**10/3/2022**	240	0.57 J	<1.7	16	<0.30	<0.40	20,000	0.79 J	<0.40	1.3	62	0.61	1,200	7.9	<0.80	2,100	0.33 J	0.23 J	710,000	<0.30	8.6	5.0 J	<0.16
	TMW18042022	**4/11/2022**	<250	<2.5	<1.2	11	<1.0	<1.0	7,500	0.55 J	<1.0	<5.0	<250	<0.50	1,200	<2.5	<2.5	2,100	<1.5	<1.0	670,000	<1.0	3.3 J	<50	<0.20
TMW19	**TMW19102023**	**10/2/2023**	240 J	<2.5	<1.2	8.4	<1.0	<1.0	11,000	13	0.55 J	5.7 J	210 J	<0.50	1,200	34	29	910 J	<1.5	<1.0	730,000	<1.0	5.7	<50	<0.20
	TMW19042023	**4/17/2023**	<250	<2.5	<1.2	6.5	<1.0	<1.0	10,000	5.9	<1.0	<5.0	<250	<0.50	1,100	31	21	870 J	<1.5	<1.0	670,000	<1.0	5.1	<50	<0.20
	TMW19102022	**10/3/2022**	<24	<0.50	**22**	130	<0.30	<0.40	25,000	<0.80	<0.40	<0.90	570	<0.20	6,300	**550**	0.96 J	430	<0.60	<0.30	330,000	<0.30	<2.0	12 J	<0.16
	TMW19042022	**4/11/2022**	1,200	<2.5	<1.2	11	<1.0	<1.0	12,000	17	1.3 J	12	810 J	0.88 J	1,400	58	92	1,000	<1.5	<1.0	700,000	<1.0	3.2 J	<50	<0.20
TMW30	**TMW30102023**	**10/4/2023**	210 J	<2.5	1.3 J	13	<1.0	<1.0	59,000	1.8 J	<1.0	5.3 J	210 J	<0.50	13,000	6.0	<2.5	810 J	8.3	<1.0	480,000	<1.0	16	<50	<0.20
	TMW30042023	**4/19/2023**	<250	<2.5	0.70 J	10	<1.0	<1.0	61,000	0.55 J	<1.0	<5.0	<250	<0.50	12,000	2.1 J	<2.5	770 J	7.6	<1.0	460,000	<1.0	14	48 J	<0.20
	TMW30102022	**10/5/2022**	92	<0.50	1.1 J	11	<0.30	<0.40	67,000	0.73 J	<0.40	1.3	90	0.19 J	13,000	5.6	0.47 J	700	7.1	<0.30	450,000	<0.30	13	11 J	0.10 J
	TMW30042022	**4/13/2022**	130 J	<2.5	<1.2	11	<1.0	<1.0	58,000	1.4 J	<1.0	3.3 J	<250	<0.50	12,000	5.9	<2.5	740 J	6.0	<1.0	480,000	<1.0	12	<50	<0.20
TMW31D	**TMW31D102023**	**10/10/2023**	<250	<2.5	0.66 J	11	<1.0	<1.0	35,000	<1.0	<1.0	<5.0	<250	<0.50	5,500	150	<2.5	1,300	1.5 J	<1.0	1,000,000	<1.0	2.5 J	<50	<0.20
	TMW31D042023	**4/25/2023**	<250	<2.5	0.70 J	13	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	<250	<0.50	5,600	180	<2.5	1,400	<1.5	<1.0	1,100,000	<1.0	1.4 J	<50	<0.20
	TMW31D102022	**10/11/2022**	<24	<0.50	0.69 J	8.7	<0.30	<0.40	55,000	<0.80	<0.40	0.50 J	<40	<0.20	7,400	23	<0.80	1,100	5.8	<0.30	2,000,000	<0.30	4.7	12 J	<0.16
	TMW31D042022	**4/19/2022**	<250	<2.5	<1.2	9.1	<1.0	<1.0	55,000	<1.0	<1.0	<5.0	<250	<0.50	9,500	13	<2.5	1,200	6.6	<1.0	670,000	<1.0	3.8 J	<50	<0.20

TABLE B-7: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
TMW32	TMW32102023	10/12/2023	<250	<2.5	1.4 J	5.6	<1.0	<1.0	13,000	6.3	<1.0	<5.0	<250	<0.50	1,500	31	1.5 J	820 J	1.7 J	<1.0	760,000	<1.0	<2.5	<50	<0.20
	TMW32042023	4/27/2023	<250	<2.5	1.2 J	5.7	<1.0	<1.0	14,000	<1.0	<1.0	<5.0	<250	<0.50	1,400	32	<2.5	950 J	1.7 J	<1.0	810,000	<1.0	<2.5	<50	<0.20
	TMW32102022	10/13/2022	16 J	0.31 J	1.5 J	5.5	<0.30	<0.40	15,000	<0.80	<0.40	<0.90	<40	<0.20	1,300	29	<0.80	860	2.3	<0.30	800,000	<0.30	1.1 J	<8.0	<0.16
	TMW32042022	4/21/2022	<250	<2.5	1.0 J	6.4	<1.0	<1.0	13,000	<1.0	<1.0	<5.0	<250	<0.50	1,300	29	<2.5	910 J	2.2 J	<1.0	810,000	<1.0	<2.5	<50	<0.20
TMW36	TMW36102023	10/2/2023	380 J	<2.5	<1.2	9.0	<1.0	<1.0	11,000	15	2.8 J	57	600 J	0.33 J	1,100	110	110	890 J	<1.5	<1.0	710,000	<1.0	2.3 J	110	<0.20
	TMW36042023	4/17/2023	<250	<2.5	<1.2	5.8	<1.0	<1.0	8,700	6.5	<1.0	7.9 J	<250	<0.50	930	22	20	810 J	<1.5	<1.0	660,000	<1.0	<2.5	36 J	0.12 J
	TMW36102022	10/3/2022	190	<0.50	<1.7	7.4	<0.30	<0.40	16,000	3.4	0.26 J	4.7	100	0.28 J	1,000	23	12	780	<0.60	<0.30	640,000	<0.30	<2.0	23	<0.16
	TMW36042022	4/11/2022	560	<2.5	<1.2	10	<1.0	<1.0	9,200	3.6 J	<1.0	4.0 J	310 J	0.86 J	1,000	18	22	860 J	<1.5	<1.0	660,000	<1.0	1.6 J	52 J	<0.20
TMW37	TMW37102023	10/3/2023	280 J	<2.5	<1.2	8.6	<1.0	<1.0	6,000	25	0.68 J	8.5 J	360 J	0.46 J	710	14	43	600 J	<1.5	<1.0	550,000	<1.0	2.5 J	31 J	<0.20
	TMW37042023	4/18/2023	<250	<2.5	<1.2	7.2	<1.0	<1.0	5,500	12	<1.0	<5.0	140 J	<0.50	640	7.4	26	610 J	<1.5	<1.0	560,000	<1.0	3.1 J	35 J	<0.20
	TMW37102022	10/4/2022	<2,400	<0.50	<1.7	7.8	<0.30	<0.40	10,000	**53**	0.82	3.7	370	0.53	690	19	60	610	<0.60	<0.30	530,000	<0.30	2.4 J	23	<0.16
	TMW37042022	4/12/2022	200 J	<2.5	<1.2	9.7	<1.0	<1.0	7,300	**57**	1.2 J	12	570 J	0.91 J	830	31	88	720 J	<1.5	<1.0	610,000	<1.0	2.5 J	52 J	<0.20
TMW38	TMW38102023	10/12/2023	<250	<2.5	0.64 J	13	<1.0	<1.0	14,000	6.3	<1.0	<5.0	<250	<0.50	1,700	47	1.6 J	840 J	<1.5	<1.0	760,000	<1.0	<2.5	<50	<0.20
	TMW38042023	4/27/2023	<250	<2.5	<1.2	14	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	150 J	<0.50	2,800	97	<2.5	1,300	<1.5	<1.0	1,100,000	<1.0	<2.5	26 J	<0.20
	TMW38102022DUP	10/12/2022	24 J	<0.50	<1.7	8.9	<0.30	<0.40	14,000	<0.80	<0.40	<0.90	35 J	<0.20	1,100	33	<0.80	700	<0.60	<0.30	520,000	<0.30	1.3 J	<8.0	<0.16
	TMW38042022	4/21/2022	<250	<2.5	<1.2	10	<1.0	<1.0	11,000	<1.0	<1.0	<5.0	<250	<0.50	1,300	38	<2.5	850 J	<1.5	<1.0	710,000	<1.0	<2.5	<50	<0.20
TMW39D	TMW39D102023	10/9/2023	<250	<2.5	<1.2	9.7	<1.0	<1.0	32,000	<1.0	<1.0	<5.0	<250	<0.50	4,700	51	<2.5	1,100	1.1 J	<1.0	760,000	<1.0	<2.5	<50	<0.20
	TMW39D042023	4/25/2023	150 J	<2.5	<1.2	7.9	<1.0	<1.0	20,000	0.67 J	<1.0	<5.0	<250	<0.50	2,200	62	<2.5	1,100	<1.5	<1.0	790,000	<1.0	<2.5	<50	<0.20
	TMW39D102022	10/14/2022	120	<0.50	<1.7	8.0	<0.30	<0.40	40,000	<0.80	<0.40	<0.90	55	<0.20	3,100	50	<0.80	980	0.61 J	<0.30	700,000	<0.30	<2.0	<8.0	<0.16
	TMW39D042022	4/22/2022	<250	<2.5	<1.2	6.9	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	2,000	52	<2.5	1,000	<1.5	<1.0	780,000	<1.0	<2.5	<50	<0.20
TMW40D	TMW40D102023	10/6/2023	<250	<2.5	<1.2	9.4	<1.0	<1.0	15,000	<1.0	<1.0	<5.0	<250	<0.50	2,000	54	<2.5	1,000	2.7 J	<1.0	730,000	<1.0	3.3 J	<50	<0.20
	TMW40D042023	4/25/2023	<250	<2.5	<1.2	8.5	<1.0	<1.0	15,000	<1.0	<1.0	<5.0	<250	<0.50	2,000	51	<2.5	980 J	2.2 J	<1.0	730,000	<1.0	2.9 J	<50	<0.20
	TMW40D102022	10/14/2022	38	<0.50	<1.7	9.1	<0.30	<0.40	20,000	<0.80	<0.40	0.42 J	<40	<0.20	1,900	51	<0.80	900	2.6	<0.30	710,000	<0.30	3.3 J	4.0 J	<0.16
	TMW40D042022	4/22/2022	<250	<2.5	<1.2	8.6	<1.0	<1.0	14,000	<1.0	<1.0	<5.0	<250	<0.50	1,900	48	<2.5	940 J	2.4 J	<1.0	740,000	<1.0	2.0 J	<50	<0.20
TMW48	TMW48102023	10/6/2023	820	<2.5	1.0 J	20	<1.0	<1.0	65,000	0.76 J	0.57 J	4.2 J	730 J	0.86 J	12,000	110	<2.5	1,400	4.8 J	4.4 J	670,000	<1.0	4.9 J	49 J	<0.20
	TMW48042023	4/25/2023	<250	<2.5	<1.2	9.8	<1.0	<1.0	68,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	52	<2.5	1,200	5.2	<1.0	660,000	<1.0	2.3 J	<50	<0.20
	TMW48042023DUP	4/25/2023	<250	<2.5	<1.2	10	<1.0	<1.0	70,000	0.58 J	<1.0	<5.0	<250	<0.50	13,000	57	<2.5	1,500	5.3	<1.0	670,000	<1.0	3.2 J	<50	<0.20
	TMW48102022	10/14/2022	<24	<0.50	0.81 J	9.8	<0.30	<0.40	63,000	<0.80	<0.40	0.78 J	<40	<0.20	9,300	43	<0.80	1,100	4.7	<0.30	640,000	<0.30	2.5 J	7.3 J	<0.16
	TMW48042022	4/22/2022	<250	<2.5	<1.2	10	<1.0	<1.0	84,000	<1.0	<1.0	<5.0	170 J	<0.50	16,000	75	<2.5	1,200	6.0	<1.0	640,000	<1.0	3.0 J	<50	<0.20
TMW49	TMW49102023	10/9/2023	<250	<2.5	<1.2	9.7	<1.0	<1.0	74,000	1.2 J	<1.0	<5.0	<250	<0.50	13,000	29	1.8 J	1,500	23	<1.0	770,000	<1.0	11	<50	<0.20
	TMW49042023	4/26/2023	<250	<2.5	<1.2	12	<1.0	<1.0	85,000	0.63 J	0.61 J	<5.0	<250	<0.50	15,000	110	6.2	1,800	11	<1.0	940,000	<1.0	11	<50	<0.20
	TMW49102022	10/13/2022	130	<0.50	0.68 J	11	<0.30	<0.40	100,000	0.43 J	0.38 J	0.37 J	88	0.11 J	13,000	83	4.2	1,600	11	0.35 J	940,000	<0.30	9.1	<8.0	<0.16
	TMW49042022	4/22/2022	<250	<2.5	<1.2	10	<1.0	<1.0	78,000	1.0 J	<1.0	<5.0	140 J	<0.50	14,000	58	5.2	1,700	16	<1.0	930,000	<1.0	10	<50	<0.20
TMW50	TMW50102023	10/4/2023	**7,400**	<2.5	3.3 J	330	<1.0	<1.0	11,000	13	3.3 J	8.7 J	**3,200**	1.6 J	4,000	**330**	6.5	1,000	<1.5	<1.0	560,000	<1.0	45	25 J	<0.20
	TMW50042023	4/19/2023	3,600	<2.5	2.4 J	73	<1.0	<1.0	15,000	7.6	2.1 J	4.4 J	**1,900**	1.3 J	2,000	**460**	2.9 J	960 J	<1.5	<1.0	540,000	<1.0	52	62 J	<0.20
	TMW50102022	10/5/2022	**57,000**	0.48 J	7.3	1,000	1.6	<0.40	35,000	**68**	16	22	**27,000**	10	24,000	**1,100**	33	3,400	0.53 J	<0.30	430,000	0.40 J	**100**	89	0.11 J
	TMW50042022	4/13/2022	3,000	<2.5	3.1 J	59	0.56 J	<1.0	25,000	10	3.5 J	17	**2,800**	2.2 J	1,900	**750**	4.9 J	810 J	<1.5	<1.0	520,000	<1.0	59	28 J	<0.20
	TMW50042022DUP	4/13/2022	3,100	<2.5	3.4 J	61	0.58 J	<1.0	27,000	11	3.7 J	17	**3,000**	2.3 J	1,900	**810**	5.6	820 J	<1.5	<1.0	520,000	<1.0	61	30 J	<0.20
TMW51	TMW51102023	10/6/2023	150 J	<2.5	<1.2	10	<1.0	<1.0	19,000	0.59 J	<1.0	<5.0	<250	<0.50	3,000	35	<2.5	1,100	5.4	<1.0	710,000	<1.0	5.2	<50	<0.20
	TMW51042023	4/21/2023	390 J	<2.5	<1.2	16	<1.0	<1.0	20,000	1.3 J	<1.0	<5.0	240 J	0.59 J	3,200	62	1.8 J	970 J	5.2	<1.0	720,000	<1.0	5.5	<50	<0.20
	TMW51102022DUP	10/5/2022	72	<0.50	<1.7	8.8	<0.30	<0.40	26,000	0.61 J	<0.40	2.7	41 J	<0.20	2,900	32	0.52 J	920	5.5	<0.30	620,000	<0.30	5.0	<8.0	0.11 J
	TMW51102022	10/5/2022	72	<0.50	<1.7	9.2	<0.30	<0.40	26,000	0.77 J	<0.40	2.3	42 J	<0.20	2,900	34	0.62 J	910	5.7	<0.30	710,000	<0.30	4.9	<8.0	<0.16
	TMW51042022	4/14/2022	520	<2.5	<1.2	16	<1.0	<1.0	18,000	4.3 J	<1.0	<5.0	350 J	0.45 J	2,900	65	4.8 J	930 J	4.9 J	<1.0	670,000	<1.0	5.5	<50	<0.20
TMW52	TMW52102023	10/11/2023	**23,000**	<2.5	9.2	530	1.9 J	<1.0	34,000	32	9.5	17	**12,000**	8.9	7,200	**750**	23	3,200	3.8 J	<1.0	490,000	<1.0	50	52 J	<0.20
	TMW52042023	4/25/2023	3,700	<2.5	6.2	120	1.2 J	<1.0	36,000	5.4	3.9	9.5 J	**1,800**	4.4 J	2,000	**620**	9.1	1,100	0.81 J	<1.0	460,000	<1.0	23	49 J	<0.20
	TMW52102022	10/10/2022	**60,000**	0.41 J	**15**	930	2.6	0.16 J	53,000	**69**	17	29	**38,000**	**15**	16,000	**1,100**	42	9,000	3.5	<0.30	390,000	0.29 J	85	89	<0.16
	TMW52042022	4/18/2022	3,300	<2.5	6.9	110	1.4 J	<1.0	39,000	4.3 J	3.4 J	12	**1,600**	4.2 J	1,900	**590**	6.4	1,000	0.95 J	<1.0	460,000	<1.0	29	32 J	<0.20
TMW53	TMW53102023	10/9/2023	**6,400**	<2.5	2.1 J	250	<1.0	<1.0	6,600	9.8	1.8 J	4.2 J	**3,200**	2.4 J	2,100	150	6.4	1,200	<1.5	<1.0	380,000	<1.0	7.5	<50	<0.20
	TMW53042023	4/24/2023	**5,600**	<2.5	3.1 J	290	<1.0	<1.0	8,500	5.5	1.5 J	3.2 J	**2,600**	2.8 J	1,900	190	3.7 J	1,400	<1.5	<1.0	360,000	<1.0	8.6	<50	<0.20
	TMW53102022	10/10/2022	21 J	<0.50	2.1	110	<0.30	<0.40	3,300	0.54 J	<0.40	<0.90	<40	<0.20	410	34	<0.80	400	<0.60	<0.30	290,000	<0.30	<2.0	<8.0	<0.16
	TMW53042022	4/18/2022	980	<2.5	1.3 J	160	<1.0	<1.0	5,200	2.3 J	<1.0	<5.0	880 J	0.86 J	650	89	2.9 J	470 J	<1.5	<1.0	360,000	<1.0	2.9 J	<50	<0.20

TABLE B-7: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
2025 INTERIM NORTHERN AREA GROUNDWATER MONITORING PLAN
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Mercury
			µg/L																						
SL			5,000	6	10	2,000	4	5	–	50	50	1,000	1,000	15	–	200	200	–	50	50	–	2	86	10,000	2
TMW55	TMW55102023	10/6/2023	1,000	<2.5	6.8	22	<1.0	<1.0	7,800	3.9 J	<1.0	8.6 J	730 J	0.33 J	1,100	19	2.2 J	1,000	<1.5	<1.0	610,000	<1.0	20	<50	<0.20
	TMW55042023	4/21/2023	300 J	<2.5	2.4 J	12	<1.0	<1.0	7,300	1.6 J	<1.0	3.5 J	240 J	0.28 J	840	9.0	<2.5	780 J	<1.5	<1.0	590,000	<1.0	9.6	<50	<0.20
	TMW55102022	10/7/2022	570	<0.50	2.9	12	<0.30	<0.40	9,700	1.2 J	0.22 J	2.2	400	0.15 J	890	6.9	<0.80	710	<0.60	<0.30	610,000	<0.30	10	4.5 J	<0.16
	TMW55042022	4/15/2022	160 J	<2.5	2.2 J	9.6	<1.0	<1.0	6,600	0.81 J	<1.0	<5.0	130 J	<0.50	740	5.0 J	<2.5	740 J	<1.5	<1.0	580,000	<1.0	9.2	<50	<0.20
TMW58	TMW58102023	10/4/2023	230 J	<2.5	1.8 J	19	<1.0	<1.0	8,000	1.7 J	<1.0	3.3 J	<250	<0.50	1,000	31	<2.5	840 J	<1.5	<1.0	640,000	<1.0	7.2	<50	<0.20
	TMW58042023	4/17/2023	160 J	<2.5	1.6 J	17	<1.0	<1.0	8,100	0.54 J	<1.0	<5.0	<250	<0.50	990	39	<2.5	840 J	<1.5	<1.0	640,000	<1.0	8.4	<50	<0.20
	TMW58102022	10/4/2022	98	0.72 J	1.6 J	20	<0.30	<0.40	11,000	<0.80	<0.40	0.58 J	54	0.17 J	940	24	<0.80	750	<0.60	<0.30	540,000	<0.30	11	38	<0.16
	TMW58042022	4/12/2022	190 J	<2.5	2.4 J	24	<1.0	<1.0	8,700	1.9 J	<1.0	<5.0	<250	<0.50	1,100	34	1.6 J	870 J	<1.5	<1.0	630,000	<1.0	12	<50	<0.20
TMW63	TMW63102023	10/4/2023	1,800	<2.5	1.2 J	100	<1.0	<1.0	15,000	3.0 J	0.87 J	3.8 J	**1,500**	0.91 J	1,800	130	1.7 J	1,000	<1.5	<1.0	700,000	<1.0	3.8 J	<50	<0.20
	TMW63042023	4/19/2023	<250	<2.5	<1.2	12	<1.0	<1.0	9,600	<1.0	<1.0	<5.0	<250	<0.50	1,000	30	<2.5	820 J	<1.5	<1.0	680,000	<1.0	<2.5	46 J	<0.20
	TMW63102022	10/5/2022	20 J	<0.50	<1.7	12	<0.30	<0.40	13,000	<0.80	<0.40	<0.90	<40	<0.20	990	24	<0.80	680	<0.60	<0.30	650,000	<0.30	<2.0	7.7 J	<0.16
	TMW63042022	4/13/2022	<250	<2.5	<1.2	9.6	<1.0	<1.0	9,000	<1.0	<1.0	<5.0	<250	<0.50	980	22	<2.5	710 J	<1.5	<1.0	660,000	<1.0	<2.5	<50	<0.20
TMW64	TMW64102023	10/11/2023	150 J	<2.5	1.4 J	36	<1.0	<1.0	11,000	2.3 J	<1.0	<5.0	<250	<0.50	1,600	36	<2.5	890 J	0.80 J	<1.0	630,000	<1.0	9.8	<50	<0.20
	TMW64042023	4/26/2023	3,500	<2.5	0.66 J	58	1.0 J	<1.0	36,000	30	2.6 J	<5.0	**5,100**	5.3	2,800	**520**	24	1,200	<1.5	<1.0	640,000	<1.0	23	45 J	<0.20
	TMW64102022	10/7/2022	100	<0.50	<1.7	25	<0.30	<0.40	18,000	1.2 J	<0.40	<0.90	69	<0.20	1,400	35	<0.80	710	0.48 J	<0.30	720,000	<0.30	4.5	<8.0	<0.16
	TMW64042022	4/19/2022	390 J	<2.5	<1.2	31	<1.0	<1.0	12,000	4.5 J	<1.0	<5.0	310 J	0.29 J	1,500	60	3.3 J	820 J	<1.5	<1.0	610,000	<1.0	7.3	<50	<0.20

NOTES & ABBREVIATIONS:

µg/L	micrograms per liter
<	less than cited detection limit
NA	not analyzed
J	estimated value
–	not established or not applicable
SL	screening level
Number	result exceeds cited (lowest) SL

APPENDIX C

Field Forms

Groundwater Sampling Field Data Sheet
Fort Wingate Depot Activity

Well ID: _____

Client: USACE (W912PP19F0001) Date: _____

Project # Eco-23-809 Sampling Personnel: _____

Location: Wingate Army Depot Casing Diameter: Initial Depth-to-Water (ft): _____

Purging Method: _____

Monitoring Method: Well Depth (ft): Screen (TOC) _____

Purging Date: Water Column (ft): Midscreen (ft): _____

Sampling Date: Recommended Pump Settings: _____

Purge Time Start/End: Field Pump Settings: _____

Sample Time Start/End: _____

Color of water:	Odor:	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# Time	ID# Time	Yes No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (L)	Purge Rate (L/m)	Comments

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analtyical Method	Laboratory

Discharge water Evaporation Pit

Comments:

Well Cap and casing condition
Good / Fair / Bad

Eurofins Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Phone (303) 431-7171

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: McElheny, Megan E	Carrier Tracking No(s):	COC No: 280-137432-37906.1
Client Contact: Beth Driskill	Phone:	E-Mail: Megan.Mcelheny@et.eurofinsus.com	State of Origin:	Page:
Company: Parsons	PWSID:	**Analysis Requested**		Job #:

Address: 9101 Burnet Road	**Due Date Requested:**
City: Austin	**TAT Requested (days):**
State, Zip: TX, 78758	**Compliance Project:** Δ Yes Δ No
Phone:	PO #: PO-0015789
Email: Beth.Driskill@parsons.us	WO #:
Project Name: Fort Wingate Depot, NM	Project #: 28025948
Site:	SSOW#:

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Y - Trizma
	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Number of Containers	Container Size and Type	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)												Total Number of containers	Special Instructions/Note:
				Preservation Code:																

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: