GROUNDWATER PERIODIC MONITORING REPORT

JANUARY THROUGH JUNE 2023

REVISION 1

Fort Wingate Depot Activity
McKinley County, New Mexico

April 2025

Contract No. W912PP22D0014
Task Order No. W912PP23F0040

Prepared for:

U.S. Army Corps of Engineers
Albuquerque District
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14. ABSTRACT
This Groundwater Periodic Monitoring Report documents the activities conducted from January through June 2023 at Fort Wingate Depot Activity under the Final 2022 Interim Northern Area Groundwater Monitoring Plan, Revision 2. The report describes the monitoring activities and presents the analytical data.

15. SUBJECT TERMS

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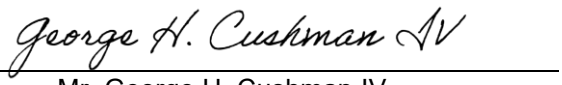
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Revision 1

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April 2025

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GROUNDWATER PERIODIC MONITORING REPORT

JANUARY THROUGH JUNE 2023

REVISION 1

Fort Wingate Depot Activity
McKinley County, New Mexico

April 2025

Contract No. W912PP22D0014
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Prepared for:
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Revision 1

Fort Wingate Depot Activity, McKinley County, NM

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ABBREVIATIONS & ACRONYMS:

BEC	= BRAC Environmental Coordinator
BIA	= U.S. Bureau of Indian Affairs
BRAC	= Base Realignment and Closure Division
EPA	= U.S. Environmental Protection Agency
FWDA	= Fort Wingate Depot Activity
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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NOTE: Appendices D and E are provided as separate files on CD.

LIST OF ABBREVIATIONS AND ACRONYMS

1	µg/L	micrograms per liter
2	°C	degrees Celsius
3	1,2-DCA	1,2-dichloroethane
4	ADR	automated data review
5	AOC	area of concern
6	Army	U.S. Department of the Army
7	BEC	BRAC Environmental Coordinator
8	Bennett	Bennett Sample Pumps, Inc.
9	BESST	BESST, Inc.
10	bgs	below ground surface
11	BIA	U.S. Bureau of Indian Affairs
12	BRAC	Base Realignment and Closure Division
13	CAMU	Corrective Action Management Unit
14	CoC	chain of custody
15	CD	compact disc
16	CFR	Code of Federal Regulations
17	DO	dissolved oxygen
18	DoD	U.S. Department of Defense
19	DoE	U.S. Department of Energy
20	DTW	depth to water
21	Eco	Eco & Associates, Inc.
22	EDD	electronic data deliverable
23	ELAP	Environmental Laboratory Accreditation Program
24	EMAX	EMAX Laboratories, Inc.
25	EPA	U.S. Environmental Protection Agency
26	ERP	Environmental Restoration Program
27	ft/ft	foot per foot
28	FWDA	Fort Wingate Depot Activity
29	GWMP	groundwater monitoring plan
30	HMX	octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
31	HWMU	hazardous waste management unit
32	ID	identification
33	Innovar	Innovar Environmental, Inc.
34	J	estimated value
35	LOD	limit of detection
36	LOQ	limit of quantitation
37	MCL	maximum contaminant level
38	mg/L	milligrams per liter
39	MS	matrix spike
40	MSD	matrix spike duplicate
41	mS/cm	millisiemens per centimeter

mV	millivolt
NAVD88	North American Vertical Datum of 1988
NM	New Mexico
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NM WQCC	New Mexico Water Quality Control Commission
NTU	nephelometric turbidity unit
OB/OD	open burn/open detonation
ORP	oxidation-reduction potential
Parsons	Parsons Government Services, Inc.
PCB	polychlorinated biphenyl
PETN	pentaerythritol tetranitrate
pH	potential hydrogen: a measure of acidity or alkalinity of a solution
PMR	Periodic Monitoring Report
QA	quality assurance
QC	quality control
QSM	Quality Systems Manual
RAG	Risk Assessment Guidance
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
SL	screening level
Sundance	Sundance Consulting, Inc.
SVOC	semi-volatile organic compound
SW	Southwest Region Regional Office
SWMU	solid waste management unit
TDS	total dissolved solids
TNT	trinitrotoluene
TOC	top of casing
TPH-DRO	total petroleum hydrocarbons as diesel range organics
TPH-GRO	total petroleum hydrocarbon as gasoline range organics
TPMC	TerranearPMC
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
VOC	volatile organic compound

EXECUTIVE SUMMARY

This Groundwater Periodic Monitoring Report (PMR) documents groundwater monitoring activities conducted at Fort Wingate Depot Activity (FWDA) from January through June 2023 in accordance with the *Final 2022 Interim Northern Area Groundwater Monitoring Plan, Revision 2, Fort Wingate Depot Activity, McKinley County, New Mexico* (Groundwater Monitoring Plan [GWMP], Eco & Associates, Inc. [Eco], 2021).

Groundwater monitoring was conducted by Eco & Associates, Inc., at FWDA under contract to the U.S. Army Corps of Engineers (USACE), Albuquerque District as part of the Environmental Restoration Program (ERP). This PMR was prepared on behalf of the U.S. Department of the Army (Army) Base Realignment and Closure (BRAC) Division for submission to the New Mexico Environment Department (NMED) Hazardous Waste Bureau, as required by Section V.A of the Resource Conservation and Recovery Act (RCRA) permit, U.S. Environmental Protection Agency identification number NM 6213820974 for FWDA (NMED, 2005). The FWDA RCRA permit was most recently modified in February 2015 (NMED, 2015). This PMR summarizes the field monitoring activities and groundwater analytical results.

Field activities performed during this reporting period included two (2) groundwater-level measurement events and one (1) groundwater sampling event. The first groundwater-level measurement event was performed on January 24 and 25, 2023, and the second event was performed on April 13 and 14, 2023. Water-level measurements were recorded for 102 monitoring wells and 10 piezometers during both events.

Six (6) monitoring wells were dry in January 2023 (FW35, MW18S, MW22S, TMW11, TMW54, and TMW60), and six (6) were dry in April 2023 (FW35, MW18S, MW22S, TMW11, TMW54, and TMW60). During the groundwater sampling event, an additional two (2) wells were dry for purposes of sampling (TMW40S and TMW56). These wells were considered dry for purposes of sampling because the wells did not recharge between 12 and 24 hours after purging. Groundwater samples were collected from 94 monitoring wells during the April 2023 sampling event and analyzed for targeted constituents in accordance with the GWMP.

Groundwater flow directions at FWDA are controlled by regional geologic structure orientation and by local topography and stratigraphy. The flow of groundwater within the Northern Area alluvium is from potentiometric highs in the east, north, and south toward a potentiometric low, west of the Administration Area. During the January and April 2023 gauging events, the horizontal hydraulic gradients in alluvium ranged from 0.003 foot per foot (ft/ft) across the Administration Area (between wells TMW24 and MW25) to 0.016 ft/ft across the Workshop Area (between wells TMW01 and TMW29). The hydraulic gradients in the bedrock unit beneath the Workshop Area during the January and April 2023 gauging events ranged from 0.003 ft/ft between wells BGMW10 and TMW58 to 0.005 ft/ft between TMW49 and TMW19.

Anions, explosives, perchlorate, one (1) volatile organic compound (VOC) (1,2-dichloroethane [1,2-DCA]), total petroleum hydrocarbons as diesel range organics (TPH-DRO), and metals were detected in groundwater samples at concentrations above their associated groundwater screening levels (SLs) as selected per the hierarchy listed in Attachment 7 of the RCRA permit (NMED, 2015). A description of the results for each analyte group is provided below, after the bulleted list.

Contaminant plumes are generally described based on their location, shape, and concentration ranges. Stability, when applied to the description of plumes, indicates their general location (mapped extent), overall shape and size, and whether the range of constituent concentrations have remained relatively constant over time with only minor changes, based on current data. Nine (9) stable

groundwater contaminant plumes have been identified within the Administration Area and the Workshop Area of FWDA.

- Two (2) nitrate plumes, one (1) in the alluvial groundwater unit and one (1) in the bedrock groundwater unit, located in the Workshop Area and Administration Area.
- One (1) explosives plume in the alluvial groundwater unit, located in the Workshop Area.
- Two (2) perchlorate plumes, one (1) in the alluvial groundwater unit and one (1) in the bedrock groundwater unit, located in the Workshop Area.
- One (1) VOC plume for 1,2-DCA in the alluvial groundwater unit, located in the Administration Area.
- Two (2) TPH-DRO plumes, one (1) in the alluvial groundwater unit and one (1) in the bedrock groundwater unit, located in the Workshop Area.

Nitrate was detected above screening levels in samples collected from various alluvial wells throughout the Site and in two (2) bedrock wells (TMW30 and TMW48). The highest nitrate concentrations were detected in the alluvial groundwater unit in the Northern Area. The nitrate plume in the alluvial groundwater unit appears to originate from the former trinitrotoluene (TNT) Leaching Beds (solid waste management unit [SWMU] 1) and extends downgradient to the Administration Area. The nitrate plume may potentially have a secondary source originating from historic sanitary sewer lines which may contribute to increasing nitrate concentrations to the west of the Administration Area. The bedrock nitrate plume is present near the former TNT Leaching Beds (SWMU 1) and downgradient of the Building 528 Complex (SWMU 27). A portion of the bedrock nitrate plume is collocated with the bedrock perchlorate plume. The collocated perchlorate plume may have originated from the Building 528 Complex (SWMU 27).

Chloride, sulfate, and fluoride were detected above screening levels in samples collected from various alluvial and bedrock wells throughout the Site. FWDA background groundwater concentrations of major anions are not established; therefore, it cannot clearly be demonstrated whether the detected concentrations are a result of natural background conditions or anthropogenic sources of contamination. The explosives compound hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) is the primary explosives compound of interest. This compound is consistently detected at concentrations above groundwater screening levels in the Workshop Area and eastern Administration Area. The source of the explosives plume in the alluvial groundwater unit appears to be from the former TNT Leaching Beds (SWMU 1) in the Workshop Area. Interim corrective measures were conducted at SWMU 1, in which 75,000 tons of affected soils at the former TNT Washout Facility and the former TNT Leaching Beds were removed in 2019 to a maximum depth of 30- to 35-feet below ground surface (bgs) (Zapata Incorporated, 2019).

Perchlorate was detected above screening levels in samples collected from various alluvial and bedrock wells in the southern portion of the Workshop Area at the Site. The highest perchlorate concentrations were detected in groundwater samples from the bedrock groundwater unit in the Workshop Area. The boundaries of the bedrock perchlorate plume have not been fully defined. The alluvial perchlorate plume is in the same vicinity as the bedrock plume and both appear to originate from the Building 528 Complex (SWMU 27).

The VOC compound 1,2-DCA was historically used as a gasoline additive and degreasing solvent and continues to be detected in groundwater samples at concentrations above the screening levels. The 1,2-DCA plume in the alluvial groundwater unit is limited to a group of alluvial monitoring wells near the former fueling facility (Building 6 Gas Station, SWMU 45) in the Administration Area.

TPH-DRO was detected above screening levels in samples collected from various wells throughout the Site and in one (1) bedrock well (TMW55). The highest TPH-DRO concentrations were detected in groundwater samples from the alluvial groundwater unit in the Administration Area and west of the

Administration Area. The alluvial TPH-DRO plume appears to originate from the former Building 5 Gas Station (SWMU 45) and the former Building 11 Locomotive Shop (SWMU 6). Nine alluvial wells and one bedrock well also had detections above the TPH-DRO screening level.

Dissolved arsenic, iron, manganese, and selenium were detected above groundwater screening levels during this reporting period. Total aluminum, arsenic, iron, manganese, and selenium were also detected above groundwater screening levels during this reporting period. FWDA background groundwater concentrations of dissolved or total metals are under development; therefore, it cannot clearly be demonstrated whether the detected concentrations are a result of natural background conditions or anthropogenic sources of contamination. The overall shape, size, and range of constituent concentrations for the groundwater plumes have remained relatively stable over time with only minor changes.

1.0 INTRODUCTION

This Groundwater Periodic Monitoring Report (PMR) documents the groundwater monitoring activities conducted at Fort Wingate Depot Activity (FWDA) from January through June 2023 in accordance with the *Final 2022 Interim Northern Area Groundwater Monitoring Plan, Revision 2, Fort Wingate Depot Activity, McKinley County, New Mexico* (Groundwater Monitoring Plan [GWMP]; Eco & Associates, Inc. [Eco], 2021).

Eco conducted groundwater monitoring at FWDA under contract to the U.S. Army Corps of Engineers (USACE), Albuquerque District, as part of the Environmental Restoration Program (ERP). This PMR was prepared on behalf of the U.S. Department of the Army (Army) Base Realignment and Closure (BRAC) Division for submission to the New Mexico Environment Department (NMED) Hazardous Waste Bureau, as required by Section V.A of the Resource Conservation and Recovery Act (RCRA) permit, U.S. Environmental Protection Agency (EPA) identification number NM 6213820974 for FWDA (NMED, 2015). Permit modifications are discussed in Section 1.3 of this PMR.

FWDA has been divided into reuse parcels as specified in the RCRA permit, and the interim groundwater monitoring program is divided into two (2) sections, the Northern Area and the Parcel 3 Area in the southern portion of FWDA. This deliverable reports on the Northern Area. The Army BRAC Division oversees closure and manages the transfer of properties as part of the planned property transfer to the U.S. Department of the Interior. Pending RCRA closure and property transfer of the reuse parcels, the ERP must comply with provisions in the RCRA permit.

1.1 SITE DESCRIPTION AND ACTIVITIES

FWDA is in McKinley County in western New Mexico (NM), approximately 7 miles east of Gallup and 130 miles west of Albuquerque (Figure 1-1). The current facility occupies an area of approximately 24 square miles (15,277 acres).

FWDA was founded as a U.S. Cavalry post in the 1860s. In 1918, the facility became a munitions storage depot for the Army and was used for numerous missions from 1918 until 1993, when FWDA was selected for closure under the BRAC Act of 1988. In 2002, the Army reassigned many functions to the BRAC Division, including property management and ERP activities. In addition, the Missile Defense Agency currently leases and uses portions of FWDA for missile testing.

Historic FWDA operations that may have contributed to soil and groundwater contamination include munitions storage, maintenance, and disposal; and petroleum fuel storage and equipment maintenance (TerranearPMC [TPMC], 2008). The following areas are known to have potential impacts to site soil and/or groundwater:

- The Administration Area, located in the northern portion of FWDA, contains active administrative and maintenance buildings. Activities in this area included munitions storage and shipping, fuel storage and dispensing, and mechanical maintenance.
- The Workshop Area is located south of the Administration Area. This area provided a facility for munitions maintenance and renovation and included the former trinitrotoluene (TNT) Washout Facility and the former TNT Leaching Beds (solid waste management unit [SWMU] 1). These buildings and other structures were demolished in 2010. An interim remedial excavation was completed in 2019 from Parcel 21, SWMU 1 former TNT Leaching beds, where approximately 75,000 tons of affected soil was removed (Zapata Incorporated, 2019).
- The Magazine (Igloo) Area covers almost half of the current FWDA property. This area consists of rows of earth-covered igloos (also known as earth-covered magazines) located in the central portion of FWDA. The 10 igloo areas contain 732 earth-covered

igloos and 241 earthen revetments previously used to store munitions (Innovar Environmental, Inc. [Innovar], 2016).

The Administration Area and the Workshop Area make up the Northern Area interim groundwater monitoring well network (Figure 1-2).

1.2 HYDROGEOLOGIC SETTING

This section summarizes the hydrogeologic setting at FWDA to provide context for the analytical results presented in Section 5 of this PMR.

The geologic units exposed at FWDA were largely deposited in the Mesozoic Era and have been 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 Period during the Laramide Orogeny series of mountain-building events in western North America (McCraw et al., 2009). Quaternary alluvial and colluvial deposits unconformably overlay the Mesozoic bedrock in the lower elevation and northern portion of FWDA (Anderson et al., 2003).

The majority of FWDA is underlain by the Triassic-age Chinle Group, which is predominantly non-marine, red-bed siliciclastics. The Chinle Group consists of the Shinarump, Bluewater Creek, Petrified Forest, and Owl Rock Formations (Anderson et al., 2003). The Petrified Forest Formation directly underlies most 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 are exposed in various locations across the installation and consist of greenish-gray smectitic mudstone, light-gray to yellowish-brown cross-bedded sandstone, and reddish-brown and grayish-red smectitic mudstone (Innovar, 2016). In the eastern portion of FWDA, the older Bluewater Creek and Shinarump Formations are exposed between areas of the discontinuous Quaternary alluvium (Innovar, 2016).

Permian-age bedrock underlies the Mesozoic-age rock beneath FWDA. These strata are not exposed in FWDA and are not known to be contaminated by historical installation activities. Deeper and older San Andres Limestone and Glorieta Sandstone have historically provided a potable water supply to the installation.

In the northern portion of FWDA, the surface is covered by the Chinle Group or Quaternary alluvial and colluvial deposits. Most of the alluvial deposits are present in the Northern Area of the installation in lowland areas between bedrock remnants. Alluvial deposits are also present along intermittent streams draining the Nutria Monocline (the Hogback) and the Zuni Mountains. Intermittent streams flow downgradient (north) through the northern portion of FWDA before joining the south fork of the Rio Puerco. Based on soil boring logs from FWDA, alluvial deposits are heterogeneous and thickest near major drainages. The alluvium has been found to be 150-feet thick beneath FWDA. In the Administration Area, alluvium thickness generally ranges between 30 feet and 70 feet.

The regional groundwater aquifer near FWDA is present in the Permian San Andres Limestone and Glorieta Sandstone formations (Cooper and John, 1968; Summers, 1972). Shallow groundwater is also present in the unconsolidated alluvium and Mesozoic-age bedrock overlying these units.

Groundwater flow in the San Andres-Glorieta aquifer is to the north beneath FWDA and is separated from the shallow groundwater units by shale and claystone (Anderson et al., 2003). The top of the San Andres-Glorieta aquifer is approximately 1,100-feet below ground surface (bgs) near the Administration Area. Recharge to the regional aquifer and to the shallow groundwater units is from precipitation and snowmelt primarily in the upland areas and along faults south of FWDA.

Shallow groundwater flow in the southern portions of the installation (open burn/open detonation [OB/OD] Area) is toward the north. Groundwater recharge occurs in the higher elevations and discharges to the arroyos (Sundance, 2018b). Shallow groundwater typically occurs in the bedrock units in these areas

since substantial alluvium thickness is not present in the OB/OD Area. Water-bearing zones are occasionally identified in the alluvium present in arroyo bottoms.

Along the northern border of the installation, hydraulic communication exists between the groundwater and the Rio Puerco during periods of active stream flow. The groundwater flow direction in the northern alluvium of FWDA is predominantly southwest and west within discontinuous, stream-deposited sand and gravel units. Groundwater flow in the northern bedrock units of FWDA is generally to the west and largely controlled by geologic structural features.

The depth to water (DTW) at FWDA generally ranges between 2- and 65-feet bgs. DTW in the alluvium along drainages, including the Rio Puerco, ranges from 2- to 65-feet bgs in Northern Area alluvial aquifer monitoring wells. In the Northern Area bedrock aquifer, DTW ranges from 17- to 65-feet bgs, except for well BGMW08, where the DTW generally ranges between 124- to 180-feet bgs. Background monitoring well BGMW08 is considered to be screened in a separate formation from the other bedrock wells.

1.3 REGULATORY BACKGROUND

Environmental restoration activities at FWDA began in 1989 under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 guidelines as part of the Installation Restoration Program. Current environmental restoration activities at the Facility are driven by the RCRA guidelines.

In 2002, NMED determined 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 SWMUs and areas of concern (AOCs). The RCRA permit was finalized in December 2005 and became effective December 31, 2005. Since the original permit issuance, the FWDA RCRA permit has been revised through NMED modifications issued in 2011, 2014, and 2015 (NMED, 2011; NMED, 2014; and NMED, 2015). The 2005 RCRA permit identified one (1) hazardous waste management unit (HWMU) within the current OB/OD Area (Parcel 3) and a total of 99 SWMUs/AOCs. The 2011 permit modification authorized construction and operation of a CAMU as a second HWMU. The most recent version of the RCRA permit includes the original permit and previous modifications (NMED, 2015).

Since the 1980s, numerous groundwater investigations have been completed at FWDA. Northern Area groundwater investigation efforts have primarily focused on five (5) areas (Figure 1-2 and Figure 1-3):

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

Groundwater monitoring wells have been installed to characterize the nature and extent of contamination that resulted from activities associated with the OB/OD Area and various SWMUs and AOCs. Figure 1-2 shows the current Northern Area interim monitoring well network, and Figure 1-3 shows the site-wide well locations, including the OB/OD Area, pertinent site features, and the parcels at FWDA.

The RCRA permit Section V.A requires an interim facility-wide GWMP which describes the groundwater monitoring activities to be performed as part of the ERP at FWDA. The current groundwater monitoring interim well network has been designed to evaluate the horizontal and vertical extent of chemical constituents in groundwater and the transport of chemicals that originate from multiple sources. The current GWMP combines the original 2008 plan, approved by NMED, and subsequent annual revisions based on historical groundwater monitoring data and a data quality objective assessment. Groundwater

sampling under the NMED-approved Interim GWMP has been ongoing since 2008 and the results of the interim monitoring activities are documented in semiannual groundwater PMRs and submitted to NMED and other stakeholders.

1.4 DOCUMENT ORGANIZATION

This PMR is organized to comply with the guidance presented in *General Reporting Requirements for Routine Groundwater Monitoring at RCRA Sites* (NMED, 2003). This PMR is organized into the following sections:

- Section 1 provides the project background, setting, and past activities at FWDA.
- Section 2 provides a description of the scope of services performed during the reporting period.
- Section 3 presents the applicable regulatory criteria used to measure and compare analytical results.
- Section 4 presents the quarterly groundwater-level measurements.
- Section 5 presents a discussion of the groundwater monitoring analytical results for the reporting period.
- Section 6 presents a summary of the monitoring activities and laboratory analytical results and trends.
- Section 7 presents a list of documents referenced in this PMR.

2.0 SCOPE OF SERVICES

This section provides a description of the field activities, laboratory analyses, and data management activities conducted during this reporting period for the Northern Area interim groundwater monitoring. Field activities performed during the reporting period include two (2) groundwater-level measurement events, and one (1) groundwater sampling event. All monitoring activities were conducted in accordance with the Final 2022 Interim Northern Area Groundwater Monitoring Plan, Revision 2 (Eco, 2021). The groundwater monitoring well locations for the Northern Area are shown on Figure 1-2.

2.1 GROUNDWATER-LEVEL MEASUREMENTS

Groundwater-level measurements were performed at the Northern Area of FWDA on January 24 and 25, 2023 (January 2023 gauging event), and April 13 and 14, 2023 (April 2023 gauging event). The depth to water (DTW) was measured from 102 groundwater monitoring wells and 10 piezometers from the northern portion of the installation (i.e., Administration and Workshop Areas). Of the 102 total monitoring wells, 75 are screened in alluvium, and 27 are screened in bedrock.

During gauging, six (6) monitoring wells were found to be dry in January 2023 (FW35, MW18S, MW22S, TMW11, TMW54, and TMW60) and six (6) wells were dry in April 2023 (FW35, MW18S, MW22S, TMW11, TMW54, and TMW60). During the groundwater sampling event, an additional two (2) wells were dry for purposes of sampling (TMW40S and TMW56). These wells were considered dry for purposes of sampling because the wells did not recharge between 12 and 24 hours after purging. Groundwater samples were collected from 94 monitoring wells during the April 2023 sampling event and analyzed for targeted constituents in accordance with the interim GWMP. A full description of the groundwater-level measurements is presented in Section 4 of this report and shown on Figures 4-1 through 4-4.

Water-level measurements were recorded by two (2)-person teams. One (1) team member documented the field measurements while the other operated the water-level sounder. The DTW was measured from the north side of the top of the well-casing reference point down to the surface of the groundwater at each monitoring well and piezometer using a water-level meter with accuracy to 0.01 foot. The DTW measurements were recorded on field data sheets or in field notebooks to the nearest 0.01 foot.

The portions of the water-level meter and tape that contacted the groundwater or the monitoring well-interior casing were decontaminated immediately after each use by washing with laboratory grade anionic-detergent solution and rinsing with deionized water. Decontamination fluids were temporarily contained in five-gallon buckets with lids. Purge water and decontamination water were transferred to the FWDA evaporation reservoir. The evaporation reservoir is an above-ground concrete reservoir measuring approximately 40-feet long, 20-feet wide, and 5-feet tall, with a chain-link fence-top cover to facilitate evaporation of liquids into the atmosphere. The evaporation reservoir is located west of the Workshop Area.

The groundwater elevations at each monitoring well were calculated by subtracting the DTW from the top of the casing reference-point elevation and were subsequently used to generate alluvial and bedrock aquifer-groundwater potentiometric-surface maps. Hydraulic gradients were calculated for both water-bearing units. Groundwater contour and elevation maps and groundwater flow directions are presented in Section 4 of this PMR.

2.2 GROUNDWATER PURGING AND SAMPLING

Groundwater samples were collected from 94 of the 102 monitoring wells from April 16 to 27, 2023. For purposes of sampling, eight (8) monitoring wells were considered dry during the groundwater sampling event: FW35 (dry since 2015), MW18S (dry since installation in 1994), MW22S (dry since 2016), TMW11

(dry since 2022), TMW40S (dry since 2021), TMW54 (dry since installation in 2019), TMW56 (dry since 2021), and TMW60 (dry since 2021).

Groundwater well purging and sampling was performed using a variety of techniques and equipment, including dedicated low-flow pneumatic pumps from BESST, Inc. (BESST); dedicated pneumatic pumps from Bennett Sample Pumps, Inc. (Bennett); portable stainless-steel electronic submersible pumps (Grundfos Pump); portable stainless-steel positive air-displacement pumps (Reclaimer Pump); and disposable polyethylene bailers. All air-driven pumps (BESST, Bennett, and the Reclaimer Pumps) were operated with 99.99% pure pressurized nitrogen gas. Analytes sampled for each well are presented in Table 2-2, Sampling Matrix.

The following groundwater quality parameters were measured during well purging operations using a Horiba Instruments, Inc., model U-52 water-quality meter:

- potential hydrogen (pH)
- temperature
- specific conductance
- dissolved oxygen (DO)
- turbidity
- oxidation-reduction potential (ORP)

Data were recorded on groundwater sampling field data sheets. Water-quality meters were calibrated daily before sampling, according to manufacturer instructions. The groundwater purging and sampling forms for each monitoring well are provided in Appendix B.

Monitoring wells equipped with dedicated low-flow pneumatic pumps were purged in accordance with the 2022 Interim GWMP (Eco, 2021) and *Use of Low-Flow and Other Non-Traditional Sampling Techniques for RCRA Compliant Groundwater Monitoring* (NMED, 2001). Well purging was performed until water-quality parameters stabilized within the following ranges, in accordance with the 2022 Interim GWMP.

- pH (±0.5 standard units)
- temperature (±10%)
- specific conductance (±10%)
- DO (±10%)
- turbidity (±10%)
- ORP (±10%)

To maintain static water levels and ensure representative formation water was being measured and sampled, the purged water was drawn from the well slowly at a rate that did not exceed a drawdown of more than 0.33 foot or 4 inches in wells purged and sampled using low-flow methods.

Wells not equipped with dedicated low-flow pumps were purged by pumping or bailing three (3) well volumes or until the well became dry. Water-quality parameters were measured during purging operations. If a monitoring well was purged dry before three (3) well volumes of water were collected, the well was allowed to recharge for up to 24 hours, which typically required the sampling team to return to the monitoring well, on the following day to collect the groundwater sample in accordance with the 2022 Interim GWMP.

Six (6) wells sampled during this event are equipped with dedicated Bennett sample pumps and 36 wells are equipped with dedicated BESST sample pumps. The wells equipped with these dedicated pumps were purged and sampled using the installed pumps.

A total of 52 monitoring wells not equipped with dedicated pumps were purged dry by using either a portable stainless-steel electronic submersible pump, a portable stainless-steel positive air-displacement pump, or a disposable bailer. Of the 52 monitoring wells, 46 were purged using a portable electronic submersible pump, three (3) were hand bailed, and three (3) were purged with a portable stainless-steel positive air-displacement pump. The portable submersible pump-discharge tubing was discarded after each associated well was purged. The portable submersible pumps were decontaminated between wells with laboratory-grade anionic-detergent solution followed by two (2) deionized water-rinse cycles through the pump. In addition, the pump exterior and wiring/safety cables were decontaminated using a laboratory-grade anionic-detergent solution followed by two (2) deionized-water rinses. Disposable bailers used for well purging were discarded and not reused at other sample locations. Samples from monitoring wells without dedicated pumps were collected using single-use disposable bailers.

As a quality control (QC) measure, equipment rinsate samples were collected from the submersible pumps. The analytical results were evaluated as part of the data validation process. The equipment rinsate samples were collected according to the sampling frequency specified in the Interim GWMP. The equipment rinsate-sample results indicate equipment decontamination was sufficient to prevent cross contamination.

2.3 DATA MANAGEMENT AND VALIDATION

Analytical data quality assurance (QA) and QC methods were performed in accordance with *Quality Systems Manual (QSM) for Environmental Laboratories, Version 5.4* (QSM; U.S. Department of Defense [DoD]/U.S. Department of Energy [DoE], 2021). Field QC samples including field duplicates, matrix spike (MS)/matrix spike duplicate (MSD) samples, equipment rinsate blanks, and trip blanks were submitted for laboratory analysis. Chain-of-Custody (CoC) forms for the sampling event are included in Appendix C.

Sample identifiers were assigned based on the convention described in the Interim GWMP. Groundwater sample identifiers consisted of the monitoring well identification (ID) and sample month and year. The QC samples used the same ID number as the parent sample followed by ‘D’ for duplicate, as specified in the Interim GWMP. Beginning October 2023, the duplicate samples will be collected blind.

Sample analyses were performed by EMAX Laboratories, Inc. (EMAX), in accordance with the QSM (DoD/DoE, 2021). Electronic data deliverables (EDDs) of the analytical results for each sample delivery group were provided by EMAX for validation. The sample result EDDs were loaded into the automated data review (ADR) software for data validation. Results were subjected to 100% Level II and 10% Level III validation using the ADR software. The validated data output files from the ADR software were exported to the FWDA electronic data management system. The overall data validation assessment found that data were of sufficient quality to evaluate data quality objectives. Information about the data validation process and the results are provided in Appendix D. Appendix D is provided on separate compact disc (CD) and includes the Data Validation Report (Appendix D-1A), ADR Reference Output Files by Sample Delivery Group (Appendix D-1B), and the EMAX EDDs (Appendix D-2).

3.0 REGULATORY CRITERIA

On December 1, 2005, NMED issued a RCRA permit (EPA ID No. NM 6213820974) to the Army (permittee) – FWDA owner and operator. The permit established the general and specific standards and requirements for activities pursuant to the New Mexico Hazardous Waste Act, as amended; New Mexico Statutes Annotated 74-4-1, Hazardous Waste Act; and the New Mexico Hazardous Waste Management Regulations, New Mexico Administrative Code (NMAC) 20.4.1. Since the original permit issuance, the FWDA RCRA permit has been revised through NMED-issued modifications on June 27, 2011; April 4, 2014; and February 25, 2015 (NMED, 2011; NMED, 2014; and NMED, 2015). Hence, all environmental activities at the installation are to be conducted in accordance with the requirements and modifications of the current RCRA permit (NMED, 2015).

As required by Section V.A of the permit, the Army developed and implemented a groundwater monitoring program. An Interim GWMP was developed according to provisions of the permit, Section VIII.B.1 (NMAC 20.4.1.500, incorporating 40 Code of Federal Regulations [CFR] 264.602) (TPMC, 2008). NMED approved the initial Interim GWMP in March 2008. The Interim GWMP is required to be revised annually and submitted to NMED. All groundwater monitoring, sampling, and reporting activities are conducted in compliance with the RCRA permit, applicable permit attachments, and the most current NMED-accepted Interim GWMP.

Attachment 7 of the RCRA permit (NMED, 2015) provides a hierarchy for the selection of groundwater screening value criteria applicable to the FWDA Interim GWMP. Groundwater analytical results are evaluated and compared to these groundwater screening levels. The following hierarchy of documents and regulations are used to determine whether the concentration of a particular hazardous constituent exceeds the RCRA permit groundwater screening value (NMED, 2015).

1) New Mexico Water Quality Control Commission (NM WQCC) standards for the analytes listed in NMAC 20.6.2.7.VV having the values listed in NMAC 20.6.2.4103 A and B.
2) EPA drinking water maximum contaminant levels (MCLs) provided under 40 CFR 141 and 40 CFR 143.
3) If both an NM WQCC standard and an EPA MCL were established for a contaminant of potential concern, the lowest value of (1) and (2) above was selected.
4) If no NM WQCC standard or EPA MCL was established for a carcinogenic hazardous constituent, values were selected from the most recent version of the EPA regional screening levels (RSLs) for tap water (EPA, 2020), adjusted to a target excess cancer risk level of 1×10^{-5}.
5) If no NM WQCC standard or EPA MCL was established for a non-carcinogenic hazardous constituent, values were selected from the most recent version of the EPA RSLs for tap water (EPA, 2020) with a target hazard index of 1.0.
6) Previously, no NM WQCC standard or EPA MCL standard was published for perchlorate. An EPA MCL standard of 15 micrograms per liter (µg/L) was published in the November 2017 update, and was rescinded as of July 2020 (EPA, 2020). The previously selected EPA tap water RSL of 14 µg/L was followed for perchlorate in accordance with Attachment 7 of the RCRA permit for FWDA (NMED, 2015).

Some analytes do not have a published NM WQCC or MCL but have RSLs listed for both carcinogenic risks and non-carcinogenic hazards. For these analytes having both carcinogenic and non-carcinogenic RSL values, the lower value between the adjusted carcinogenic RSL (target excess cancer risk level of 1×10^{-5}) and the non-carcinogenic RSL (target hazard index of 1.0) was selected. Table 3-1 presents the selected groundwater screening levels for each analyte based on the hierarchy outlined in this section.

Reporting requirements are specified in the Interim GWMP in accordance with the RCRA permit. A schedule of regulatory deliverables is included in the Interim GWMP. RCRA permit Section V.A.2 requires the format to be consistent with *General Reporting Requirements for Routine Groundwater Monitoring at RCRA Sites* (NMED, 2003).

4.0 GROUNDWATER MEASUREMENTS AND DATA COLLECTION

The DTW measurements were recorded and compared to previous water-level data to detect potential field-measurement anomalies. Groundwater-level measurement anomalies were not identified, as previous water levels were consistent with January and April 2023 measurements. Groundwater-level measurements from monitoring wells and piezometers have been recorded quarterly at FWDA. This PMR presents the groundwater-level measurements recorded in January and April 2023. Groundwater elevation data were used to calculate hydraulic gradients and determine groundwater flow direction in the Northern Area alluvium and bedrock water-bearing zones. Table 4-1 presents the DTW measurements in feet below the top of casing (TOC) and feet bgs, the measured elevation of the TOC, and the calculated groundwater elevations in feet above the North American Vertical Datum of 1988 (NAVD88). Figures 4-1 through 4-4 are the alluvial and bedrock groundwater elevation maps for the January and April 2023 groundwater-level measurement events.

4.1 NORTHERN AREA GROUNDWATER ELEVATIONS

Shallow groundwater in the Northern Area is present in both unconsolidated alluvium and bedrock. The water quality and hydraulic properties differ between these two (2) groundwater units, as described in Table 5-1. The Northern Area alluvial groundwater elevations, with a contour interval of 5 feet for January 2023, are shown on Figure 4-1, and the groundwater elevations for the April 2023 event are shown on Figure 4-2. The Northern Area bedrock groundwater elevations for January 2023 are shown on Figure 4-3, and the elevations for April 2023 are shown on Figure 4-4.

4.1.1 NORTHERN AREA ALLUVIAL GROUNDWATER SYSTEM

Alluvial groundwater elevations in January 2023 ranged from 6,632.19 ft. (MW34) to 6,788.94 ft. (FW31) and in April 2023 ranged from 6,632.57 ft. (MW34) to 6,789.00 ft. (FW31).

The groundwater flow direction in the alluvium is from potentiometric highs in the north and south toward a potentiometric low, west of the Administration Area (Figures 4-1 and 4-2). Groundwater flow direction from the Administration Area is generally to the west. These groundwater flow directions are consistent with recent historical data (Table 4-1).

During the January and April gauging events, horizontal hydraulic gradients in alluvium ranged from 0.003 ft/ft across the Administration Area (between wells TMW24 and MW25), to 0.016 ft/ft across the Workshop Area (between wells TMW01 and TMW29).

The flattest gradients were found in the central portion of the Northern Area, and the steepest gradients in the southeast portions of the monitoring area. Hydraulic gradients were consistent in direction and magnitude between the January and April 2023 gauging events and were similar to previous gauging events from 2015 through 2022 (Table 4-1).

4.1.2 NORTHERN AREA BEDROCK GROUNDWATER SYSTEM

The bedrock aquifer in the Northern Area comprises two (2) or three (3) water-bearing sandstone units within the Painted Desert Member of the Petrified Forest Formation. The target strata (Painted Desert unit) had a fluvial depositional environment, causing non-continuous/non-planar lenses of sands, silts, and clays. The sandstone lenses are channel deposits and do not exhibit planar bedding.

The 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 since groundwater from well BGMW08 was measured at over 100-feet lower than the DTW of other bedrock wells. The variance in water levels between BGMW08 and neighboring bedrock monitoring wells

indicates a separate sandstone lens, since most bedrock wells are in units that have a more consistent piezometric surface.

Bedrock groundwater elevations in January 2023 ranged from 6,520.99 ft. (BGMW08) to 6,675.04 ft. (TMW30), and in April 2023 ranged from 6,548.96 ft. (BGMW08) to 6,675.05 ft. (TMW30). The groundwater flow direction has not been fully characterized in the bedrock aquifer beneath the Workshop Area. Elevation data depicted in Figure 4-3 and Figure 4-4 show that groundwater flow direction beneath the Workshop Area significantly varies between the wells. Groundwater in the bedrock aquifer exists under hydraulically-confined conditions in most of the Northern Area. The hydraulic gradients in the bedrock unit beneath the Workshop Area during the January and April 2023 gauging events ranged from 0.003 ft/ft between wells BGMW10 and TMW58 to 0.005 ft/ft between TMW49 and TMW19. The hydraulic gradients across the Workshop Area vary significantly depending on the selected wells.

The groundwater elevations calculated during this reporting period were consistent with those calculated in previous monitoring events from 2015 through 2022 (Table 4-1).

5.0 NORTHERN AREA ANALYTICAL RESULTS

The groundwater quality parameters and laboratory analytical results for the April 2023 groundwater sampling event are presented in Table 5-1 through Table 5-11. The laboratory data were reviewed and determined to be valid and suitable for the project objectives. Data Quality Assessment Reports are provided in Appendix D, and the historical groundwater analytical data (1992 to present) are provided in Appendix E.

5.1 WATER-QUALITY PARAMETERS

Water-quality parameters provide useful data to assess general water quality and evaluate contaminant fate and transport. The recorded value from each well, prior to sampling or prior to being purged dry, is considered the final stable parameter. The Horiba U-52 water-quality meter was calibrated daily prior to use; calibration records are included in Appendix A. Stable parameter readings and drawdown measurements are presented in Table 5-1 and Appendix B.

Temperature in the alluvial wells ranged from 10.85 degrees Celsius (°C) in TMW26 to 19.48 °C in TMW18D. The temperature in the bedrock wells ranged from 11.57 °C in TMW32 to 17.57 °C in BGMW08.

Groundwater pH measurements provide a concentration scale of hydrogen ions with a pH of 7 being neutral. The pH values below 7 represent acidic conditions, while those above 7 represent basic conditions. The pH of groundwater in the alluvial aquifer ranged from 5.64 in well MW37 to 9.04 in well TMW47; and in the bedrock aquifer the range was 5.61 in well TMW52 to 9.40 in well TMW53.

The oxidation or reduction potential of groundwater is measured as the ORP. These values indicate the aggregate net potential for either oxidation or reduction reactions for all constituents in groundwater. Measured ORP values (<~200 mV) indicate reducing conditions are present in groundwater in some areas of FWDA. Measured ORP values are offset from the actual potential (Eh) by approximately 200 mV (YSI Environmental, 2005). ORP and Eh both quantify the potential to transfer electrons; however, Eh is defined as a voltage reading relative to the standard hydrogen electrode (SHE) while ORP may be relative to any reference electrode. The purpose of converting ORP to Eh is to standardize the data, since the ORP readings could be different for different reference electrodes. The formula used for converting ORP to Eh is presented in Table 5-1. The ORP values in the alluvial aquifer ranged from -182 millivolts (mV) in well MW23 to 213 mV in well TMW26; and in bedrock the range was -208 mV in well TMW53 to 229 mV in well BGMW08.

The specific conductance of groundwater is a general measure of water quality. Specific conductance values correspond to USEPA or NMED secondary water-quality standards for total dissolved solids (TDS) concentrations (40 CFR 143). Specific conductance values can be converted to TDS by multiplying the conductivity by an empirically determined conversion factor. This conversion factor may vary from 0.55 to 0.9, depending on the soluble components of the water and on the temperature of measurement (American Public Health Association [APHA], 1992). Due to the range of the appropriate conversion factors at the Site, some wells may exceed the USEPA secondary MCL for TDS of 500 mg/L (USEPA, 2021). Specific conductance values measured during the reported sampling event in the alluvial aquifer ranged from 1.2 millisiemens per centimeter (mS/cm) in well BGMW13D to 18.8 mS/cm in well TMW08; and in the bedrock aquifer the range was 1.52 mS/cm in well TMW53 to 26.9 mS/cm in well BGWM07.

Turbidity is the measure of water clarity stated in nephelometric turbidity units (NTU) with the lower numbers representing clearer water. In the alluvial aquifer, turbidity ranged from 0.0 NTU (in several wells) to >1,000 NTU in wells MW26 and MW37. In the bedrock aquifer, turbidity ranged from 0.0 NTU (in several wells) to >1,000 NTU in well TMW50.

The DO concentrations are an indicator of aerobic or anaerobic conditions in the groundwater. DO values in the alluvial aquifer ranged from 0.00 in multiple wells to 7.85 milligrams per liter (mg/L) in well MW31; and in the bedrock aquifer the range was 0.00 in multiple wells to 7.83 mg/L in wells TMW50 and TMW52.

5.2 GROUNDWATER ANALYTICAL RESULTS

5.2.1 ANIONS

Major anions (nitrate, nitrite, bromide, chloride, fluoride, phosphate, and sulfate) were analyzed by EPA Method 9056. The analytical results are presented in Table 5-2.

Nitrate concentrations in 22 out of 66 monitoring wells analyzed in the alluvial aquifer exceeded the EPA MCL/NM WQCC screening level of 10 mg/L. The highest nitrate concentrations in the alluvial groundwater were found in the Workshop Area immediately downgradient of the former TNT Leaching Beds (SWMU 1) (130 mg/L in monitoring well TMW03). In addition, nitrate was detected at a concentration of 14 mg/L in the groundwater sample collected from background alluvial monitoring well BGMW02 located on the FWDA boundary and upgradient of any SWMUs or AOCs. Figure 5-1 shows the groundwater nitrate and nitrite concentration data for the alluvial monitoring wells in the Northern Area.

Nitrate concentrations in two (2) out of 25 monitoring wells sampled in the bedrock unit exceeded the EPA MCL/NM WQCC screening level of 10 mg/L. Detections of nitrate in the bedrock wells are less abundant and at lower concentrations than in the alluvial wells. The highest groundwater nitrate concentration in the bedrock groundwater unit was found south of the Workshop Area in monitoring well TMW30 (14 mg/L) as shown in Table 5-2 and Figure 5-2.

Nitrite was not detected above the EPA MCL/NM WQCC screening level of 1.0 mg/L in groundwater samples collected from the alluvial and bedrock monitoring wells during this monitoring event. Table 5-2, and Figures 5-1 and 5-2 show the groundwater nitrate and nitrite concentration data for the alluvial and bedrock monitoring wells in the Northern Area.

Split samples were collected from wells MW27, MW35, and TMW59 and submitted to Eurofins Environment Testing (Eurofins) located in Arvada, Colorado for analyses for nitrate and nitrite. Original and replicate samples are generally comparable, indicating accuracy in the original analyses. A table summarizing the original and split-sample analytical results is provided in Appendix G. The Eurofins laboratory report for the three (3) split samples is also provided in Appendix G.

Bromide was detected in all of the samples collected from alluvial and bedrock wells during this sampling event. The highest detected concentration reported in alluvial groundwater was 3.4 mg/L in well MW20. The highest detected concentration reported in bedrock groundwater was 7.0 mg/L in well BGMW07. Bromide does not have a project screening level. Table 5-2 shows the groundwater bromide-concentration data for the alluvial and bedrock monitoring wells in the Northern Area.

Chloride was detected above its project screening level of 250 mg/L in 26 alluvial wells and seven (7) bedrock wells during this sampling event. The highest detected concentration reported in alluvial groundwater was 1,600 mg/L in well TMW08. The highest detected concentration reported in bedrock groundwater was 10,000 mg/L in well BGMW07. Table 5-2, and Figures 5-3 and 5-4 show the groundwater chloride concentration data for the alluvial and bedrock monitoring wells in the Northern Area.

Sulfate was detected above its project screening level of 600 mg/L in 47 alluvial wells and 19 bedrock wells during this sampling event. The highest detected concentration reported in alluvial groundwater was 8,900 mg/L in well TMW08. The highest detected concentration reported in bedrock groundwater was 2,500 mg/L in well BGMW07. Table 5-2, and Figures 5-3 and 5-4 show the groundwater sulfate concentration data for the alluvial and bedrock monitoring wells in the Northern Area.

Fluoride was detected above its project screening level of 1.6 mg/L in 10 alluvial wells and three (3) bedrock wells during this sampling event. The highest detected concentration reported in alluvial groundwater was 3.6 mg/L in well BGMW03. The highest detected concentration reported in bedrock groundwater was 2.9 mg/L in well TMW53. Table 5-2, and Figures 5-3 and 5-4 show the groundwater fluoride concentration data for the alluvial and bedrock monitoring wells in the Northern Area.

Phosphate was detected in eight (8) alluvial wells and no bedrock wells during this sampling event. The highest reported concentration in alluvial groundwater was 6.4 mg/L in well MW36D. Phosphate does not have a project screening level. Table 5-2 shows the groundwater phosphate concentration data for the alluvial and bedrock monitoring wells in the Northern Area.

5.2.2 EXPLOSIVES COMPOUNDS

Groundwater samples were analyzed for explosives using EPA Method 8330B. The following explosives compounds were detected in eight (8) alluvial wells and two (2) bedrock wells in the Northern Area. The highest concentration of each explosive analyte detected in this sampling event and corresponding well is shown in parentheses below, and the bold values exceed the selected screening levels. Values with a "J" notation indicate a positive identification by the laboratory; however, the reported concentration is below the laboratory's LOQ and/or is estimated due to non-conformances discovered during data validation.

- 1,3,5-trinitrobenzene (1.5 µg/L in alluvial well TMW04)
- 2-Amino-4,6-dinitrotoluene (0.90 J µg/L in alluvial well TMW04)
- 3,5-Dinitroaniline (5.4 µg/L in alluvial well TMW03)
- 4-Amino-2,6-dinitrotoluene (0.76 J µg/L in alluvial well TMW04)
- Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) (0.30 J µg/L in alluvial well TMW43)
- Nitrobenzene (**2.5** µg/L in bedrock well TMW38)
- Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) (**330** µg/L in alluvial well TMW03)

The explosives compound RDX was detected in four alluvial wells (TMW03, TMW23, TMW59, and TMW62) above the screening level during the reported monitoring event. RDX is a recognized groundwater explosives compound of interest. The compound RDX is routinely detected at concentrations greater than the screening level (EPA RSL of 9.7 µg/L) in monitoring wells downgradient of the former TNT Leaching Beds (SWMU 1). Changes in RDX concentrations over time are plotted for wells TMW03, TMW04, TMW23, and TMW40S in Appendix F. In April 2022, RDX was detected at a concentration of 23 µg/L in well BGMW11. RDX has not been previously detected in well BGMW11, and since then, it has not been detected anymore. The anomalous detection of RDX in April 2022 will continue to be tracked in subsequent monitoring events and further investigated if detections continue in this well. Table 5-3 provides the tabulated laboratory results, and Figures 5-5 and 5-6 depict nitrobenzene and other explosives compound concentrations for the alluvial and bedrock groundwater units.

Other explosives analytes are occasionally detected in FWDA groundwater. Detections occur most frequently and at higher concentrations in the alluvial groundwater unit downgradient of the former TNT Leaching Beds (SWMU 1).

5.2.3 PERCHLORATE

Groundwater samples were analyzed for perchlorate by EPA method 6860. A summary of analytical results is presented in Table 5-4. Groundwater perchlorate concentration data for the Northern Area

alluvial and bedrock aquifers are shown on Figures 5-7 and 5-8. The highest perchlorate concentrations were found in groundwater samples collected from the bedrock monitoring wells in the Workshop Area.

Perchlorate was detected in 11 groundwater monitoring wells in the Northern Area above the EPA RSL of 14 µg/L. Samples collected in four (4) alluvial monitoring wells TMW01 (280 µg/L), TMW31S (600 µg/L), TMW39S (750 µg/L), and TMW41 (15 µg/L), and seven (7) bedrock monitoring wells TMW30 (350 µg/L), TMW32 (700 µg/L), TMW40D (180 µg/L), TMW48 (740 µg/L), TMW49 (170 µg/L), TMW51 (630 µg/L), and TMW64 (45 µg/L), exceeded the screening level. Based on site history and analytical results from previous investigations, the source area for perchlorate contamination is believed to be in the Building 528 Complex (SWMU 27) (USGS, 2011).

The perchlorate contamination identified in the alluvial groundwater unit is co-located with the bedrock groundwater plume and is believed to result from a common source.

5.2.4 VOLATILE ORGANIC COMPOUNDS

Groundwater samples were analyzed for volatile organic compounds (VOCs) using EPA Method 8260C. Groundwater contamination from VOCs at concentrations above groundwater screening levels is limited to three (3) alluvial monitoring wells (MW18D, MW31, and TMW33) in the Administration Area. The detected VOCs are primarily associated with chlorinated solvents, petroleum fuels, and their degradation products. A summary of the VOC analytical results is presented in Table 5-5. Figures 5-9 and 5-10 depict the VOC data for groundwater samples collected in the Northern Area alluvial and bedrock monitoring wells.

The only VOC detected at concentrations above the groundwater screening level (EPA MCL of 5.0 µg/L) was the gasoline additive 1,2-DCA, in groundwater samples collected from three (3) alluvial monitoring wells near the Building 6 Gas Station, SWMU 45. Samples collected from monitoring wells MW18D, MW31, and TMW33 had 1,2-DCA concentrations of 93 µg/L, 28 µg/L, and 36 µg/L, respectively. Other VOCs were not detected in groundwater samples above groundwater screening levels.

5.2.5 OTHER ORGANIC COMPOUNDS

Detections of organic compounds other than VOCs in groundwater samples from FWDA are sporadic and the majority have concentrations below groundwater screening levels. Semi-volatile organic compounds (SVOCs) were analyzed using EPA Method 8270D. Total petroleum hydrocarbons as diesel range organics (TPH-DRO) and TPH as gasoline range organics (TPH-GRO) were analyzed using EPA Method 8015C. A summary of the detected organic compounds other than VOCs is presented in Table 5-6.

The screening level for TPH-DRO is the NMED Risk Assessment Guidance (RAG) value of 16.7 µg/L, and TPH-GRO is the NMED RAG value of 10.1 µg/L. TPH-DRO was detected in five (5) alluvial wells and one (1) bedrock well above the selected screening level. The maximum detected concentration of TPH-DRO was 3,100 µg/L in alluvial well TMW10 located in the northern portion of the Administration Area. TPH-GRO was not detected above the screening level in any alluvial or bedrock wells. TPH-DRO and TPH-GRO laboratory results are presented in Table 5-6 and TPH-DRO results are shown on Figures 5-11 and 5-12. TPH-GRO results are shown on Figures 5-13 and 5-14.

SVOCs were not detected above laboratory detection limits during this sampling event. SVOC laboratory results are presented in Table 5-6.

Pesticide compounds were analyzed using EPA Method 8081A, herbicide compounds were analyzed using EPA Method 8151A, and polychlorinated biphenyl (PCB) compounds were analyzed using EPA Method 8082A. One (1) herbicide (2,4-DB) was detected in two (2) alluvial wells this event, in wells MW31 (0.15 J µg/L) and TMW59 (0.51 J µg/L). No other pesticides, herbicides, or PCBs were detected above laboratory detection limits in samples from any monitoring wells during this sampling event.

Results from pesticides, herbicides, and PCB analyses are summarized in Table 5-7, Table 5-8, and Table 5-9, respectively.

5.2.6 METALS

Groundwater samples were collected and analyzed for total and dissolved metal concentrations by EPA Methods 6010C, 6020A, and 7471A. A summary of total metals analytical results is presented in Table 5-10 and a summary of dissolved metals analytical results is presented in Table 5-11. It is not clear whether the detected concentrations are a result of natural conditions or anthropogenic sources since background metal groundwater concentrations have not yet been agreed upon by NMED and the Army.

Total and dissolved metals were detected in multiple groundwater samples above screening levels.

Contaminant plume maps have not been generated since there is no agreement between NMED and the Army regarding background metal concentrations for total and dissolved metals.

5.3 VARIANCES FROM THE WORK PLAN

Alluvial monitoring wells FW35, MW18S, MW22S, TMW11, TMW40S, TMW54, TMW56, and TMW60 were dry and could not be sampled during this monitoring event. Monitoring well FW35 has been dry since October 2015, MW18S has been dry since installation in 1994, and MW22S has been dry since April 2016. The remaining dry wells (TMW11, TMW40S, TMW54, TMW56, and TMW60) have been dry since 2020, and are considered dry since the recorded water level was less than six inches from the bottom of the well screen or did not recharge after purging.

Analytical and data quality methods and procedures used during this sampling event were performed in accordance with the QSM (DoD/DoE, 2021).

5.4 DATA QUALITY EXCEPTIONS

There are a total of 58 data quality exception compounds where the LOD, LOQ, or both, exceed the screening level. The DoD Environmental Laboratory Accreditation Program (ELAP) accredited laboratory contracted to perform the analytical testing is not able to achieve the screening levels for the compounds listed below.

- 1,2,3-Trichloropropane; CAS No. 96-18-4
- 1,2,4,5-Tetrachlorobenzene; CAS No. 95-94-3
- 1,2-Dibromo-3-Chloropropane; CAS No. 96-12-8
- 1,2-Dibromoethane; CAS No. 106-93-4
- 1,2-Diphenylhydrazine; CAS No. 122-66-7
- 1,3-Dinitrobenzene; CAS No. 99-65-0
- 2,4,6-Trichlorophenol; CAS No. 88-06-2
- 2,4,6-Trinitrotoluene; CAS No. 118-96-7
- 2,4-Dinitrophenol; CAS No. 51-28-5
- 2,4-Dinitrotoluene; CAS No. 121-14-2
- 2,6-Dinitrotoluene; CAS No. 606-20-2
- 2-Amino-4,6-dinitrotoluene; CAS No. 35572-78-2
- 3,3-Dichlorobenzidine; CAS No. 91-94-1

- 4,6-Dinitro-2-methylphenol; CAS No. 534-52-1
- 4-Amino-2,6-dinitrotoluene; CAS No. 19406-51-0
- 4-Chloroaniline; CAS No. 106-47-8
- Aldrin; CAS No. 309-00-2
- alpha-BHC; CAS No. 319-84-6
- Antimony; CAS No. 7440-36-0
- Arsenic; CAS No. 7440-38-2
- Benzidine; CAS No. 92-87-5
- Benzo[a]anthracene; CAS No. 56-55-3
- Benzo[a]pyrene; CAS No. 50-32-8
- Benzo[b]fluoranthene; CAS No. 205-99-2
- Beryllium; CAS No. 7440-41-7
- bis-(2-Chloroethyl)ether; CAS No. 111-44-4
- bis-(2-Ethylhexyl)phthalate; CAS No. 117-81-7
- Cadmium; CAS No. 7440-43-9
- Dibenz(a,h)anthracene; CAS No. 53-70-3
- Dibenzofuran; CAS No. 132-64-9
- Dieldrin; CAS No. 60-57-1
- Gasoline Range Organics (GRO); CAS No. 8006-61-9
- Hexachlorobenzene; CAS No. 118-74-1
- Hexachlorobutadiene; CAS No. 87-68-3
- Hexachloroethane; CAS No. 67-72-1
- Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX); CAS No. 121-82-4
- Indeno(1,2,3-cd)pyrene; CAS No. 193-39-5
- Iron; CAS No. 7439-89-6
- Lead; CAS No. 7439-92-1
- MCPA; CAS No. 94-74-6
- Mercury; CAS No. 7439-97-6
- Nitrobenzene; CAS No. 98-95-3
- Nitroglycerin; CAS No. 55-63-0
- N-Nitrosodimethylamine; CAS No. 62-75-9
- N-Nitrosodi-n-propylamine; CAS No. 621-64-7
- o-Nitrotoluene; CAS No. 88-72-2
- PCB-1221; CAS No. 11104-28-2
- PCB-1232; CAS No. 11141-16-5

- PCB-1242; CAS No. 53469-21-9
- PCB-1248; CAS No. 12672-29-6
- PCB-1254; CAS No. 11097-69-1
- PCB-1260; CAS No. 11096-82-5
- Pentachlorophenol; CAS No. 87-86-5
- Perchlorate; CAS No. 14797-73-0
- Phenol; CAS No. 108-95-2
- p-Nitrotoluene; CAS No. 99-99-0
- Thallium; CAS No. 7440-28-0
- Trinitrophenylmethylnitramine (Tetryl); CAS No. 479-45-8

There are four (4) compounds (hexachlorobutadiene, dibenzofuran, phenol, and alpha BHC) where the laboratory is able to achieve the LOD, but not the LOQ. Detections that are reported under the LOQ are considered an estimation, and the results are flagged with a "J" notation.

5.5 NEW FINDINGS

Monitoring data from this period are consistent with historical data except as discussed below.

The reported TPH-DRO concentration in well TMW10 (3,100 µg/L) is not consistent with recent sampling events nor is it consistent with the field duplicate collected from this well, which was not detected above the LOQ. TMW10 will be monitored and evaluated in future groundwater monitoring events to verify the potentially anomalous reported concentration.

6.0 SUMMARY

Nine (9) groundwater contaminant plumes have been identified within the Northern Area of FWDA.

- Two (2) nitrate plumes, one (1) in the alluvial groundwater unit (Figure 5-1) and one (1) in the bedrock groundwater unit (Figure 5-2), located in the Workshop Area and Administration Area.
- One (1) explosives plume in the alluvial groundwater unit (Figure 5-5), located in the Workshop Area.
- Two (2) perchlorate plumes, one (1) in the alluvial groundwater unit (Figure 5-7) and one (1) in the bedrock groundwater unit (Figure 5-8), located in the Workshop Area.
- One (1) VOC plume for 1,2-DCA in the alluvial groundwater unit (Figure 5-9), located in the Administration Area.
- Two (2) TPH-DRO plumes, one (1) in the alluvial groundwater unit (Figure 5-11) and one (1) in the bedrock groundwater unit (Figure 5-12), located in the Workshop Area.

Two (2) groundwater-level measurement events and one (1) groundwater sampling event were performed during this reporting period. The groundwater sampling event for the reporting period was performed from April 16 to 27, 2023.

The groundwater flow direction in the alluvial aquifer is from potentiometric highs in the east, north, and south toward a potentiometric low, west of the Administration Area. Groundwater flow direction in the bedrock aquifer beneath the Workshop Area significantly varies between wells. The groundwater elevation in the bedrock groundwater unit is slightly higher than in the alluvial groundwater unit and exists under hydraulically confined conditions under most of the Northern Area.

Nitrate, chloride, sulfate, fluoride, explosives, perchlorate, one (1) VOC, TPH-DRO, TPH-GRO, and metals were detected in groundwater samples at concentrations above their associated groundwater screening levels as selected per the hierarchy listed in Attachment 7 of the RCRA permit (NMED, 2015).

The highest nitrate concentrations occur in the shallow alluvial groundwater unit in the Northern Area. The nitrate plume in the alluvial groundwater unit appears to originate from the former TNT Leaching Beds (SWMU 1) and extends downgradient to the Administration Area. The bedrock nitrate plume is also present near the former TNT Leaching Beds (SWMU 1) and downgradient of the Building 528 Complex (SWMU 27). The nitrate bedrock plume may have originated from unknown sources at the Building 528 Complex (SWMU 27).

Major anions chloride, sulfate, and fluoride were detected above groundwater screening levels. Contaminant plume maps have not been generated since NMED and the Army do not agree regarding the background anion concentrations.

The explosives compound RDX is the primary explosives compound of interest. This compound is consistently detected at concentrations above groundwater screening levels in the Workshop Area and eastern Administration Area. The source of the explosives plume in the alluvial groundwater unit appears to be from the former TNT Leaching Beds (SWMU 1) in the Workshop Area. Future concentrations of explosives compounds may be affected by the interim corrective measures conducted at SWMU 1, in which 75,000 tons of affected soils at the former TNT Washout Facility and the former TNT Leaching Beds were removed in 2019 to a maximum depth of 30- to 35-feet bgs.

The highest perchlorate concentrations were detected in groundwater samples from the Workshop Area. The boundaries of the bedrock perchlorate plume have not been fully defined. The alluvial perchlorate plume is in the same vicinity as the bedrock plume, and both appear to originate from the Building 528 Complex (SWMU 27).

The VOC compound 1,2-DCA was historically used as a gasoline additive and degreasing solvent and continues to be detected in groundwater samples at concentrations above the screening levels. The 1,2-DCA plume in the alluvial groundwater unit is limited to a group of alluvial monitoring wells near the former fueling facility (Building 6 Gas Station, SWMU 45) in the Administration Area.

The highest TPH-DRO concentrations were detected in groundwater samples collected from wells within the alluvial groundwater unit in the Administration Area. The alluvial TPH-DRO plume appears to originate from the former Building 6 Gas Station (SWMU 45) and the former Building 11 Locomotive Shop (SWMU 6).

Total and dissolved metals were detected above groundwater screening levels. It cannot clearly be demonstrated whether the detected concentrations are a result of natural conditions or anthropogenic sources of contamination since background metal groundwater concentrations have not been agreed upon by NMED and the Army. Contaminant plume maps have not been generated since there is no agreement between NMED and the Army regarding background metal concentrations for total and dissolved metals.

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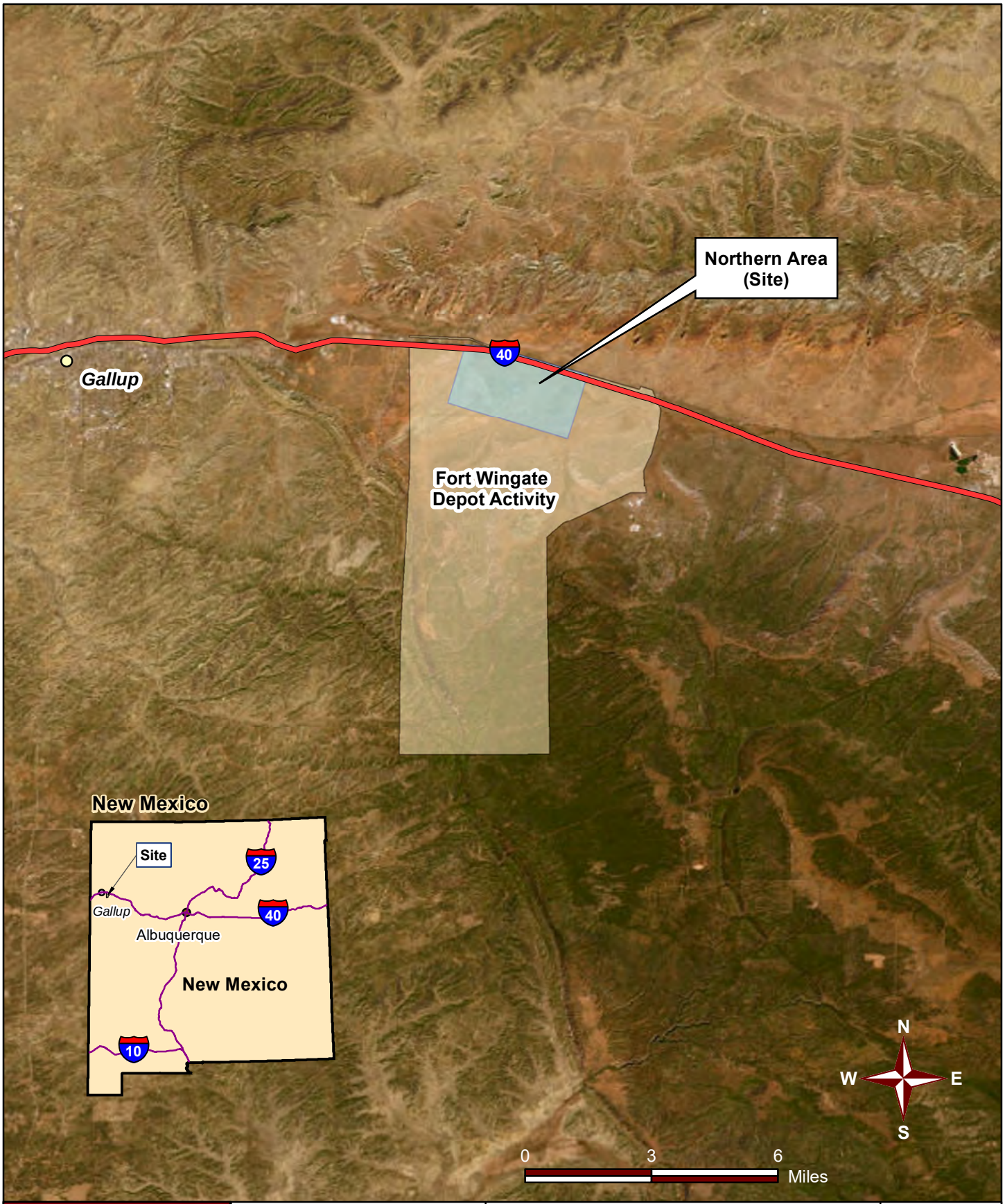
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FIGURES



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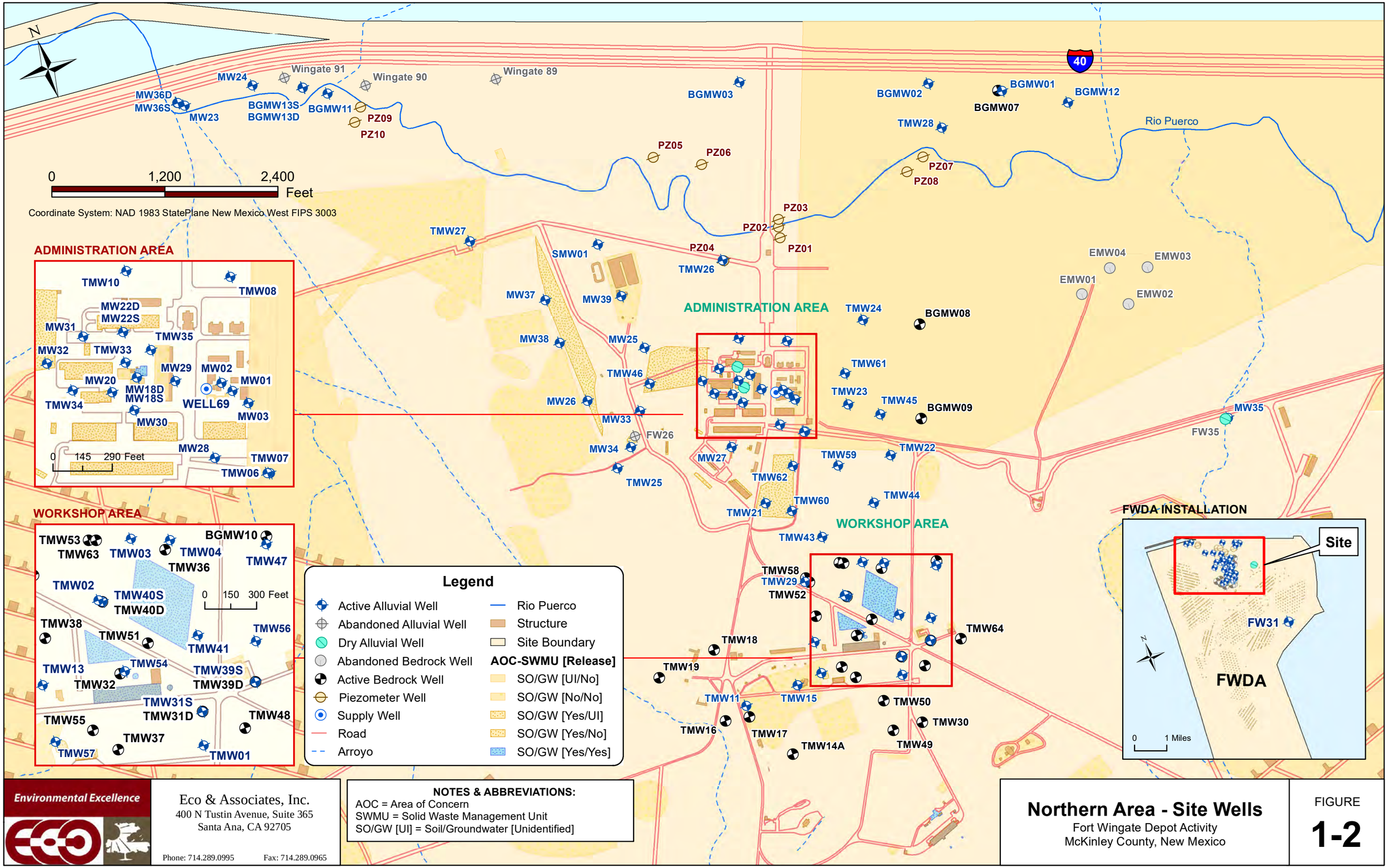
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SITE LOCATION MAP

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE

1-1



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NOTES & ABBREVIATIONS:
AOC = Area of Concern
SWMU = Solid Waste Management Unit
SO/GW [UI] = Soil/Groundwater [Unidentified]

Northern Area - Site Wells

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
1-2

Updated on: 2/11/2025

Project No.: Eco-23-809

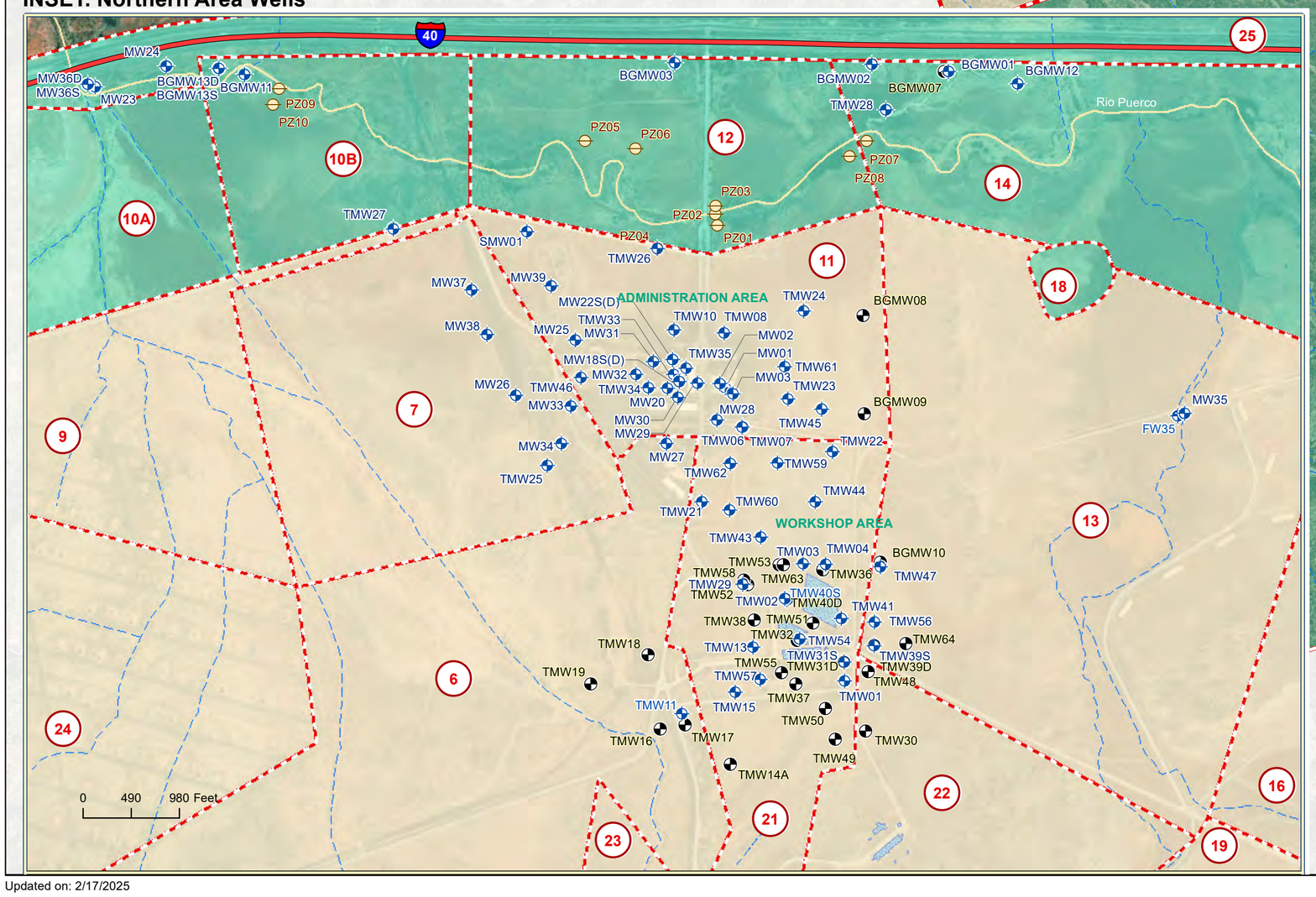
Legend

- 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



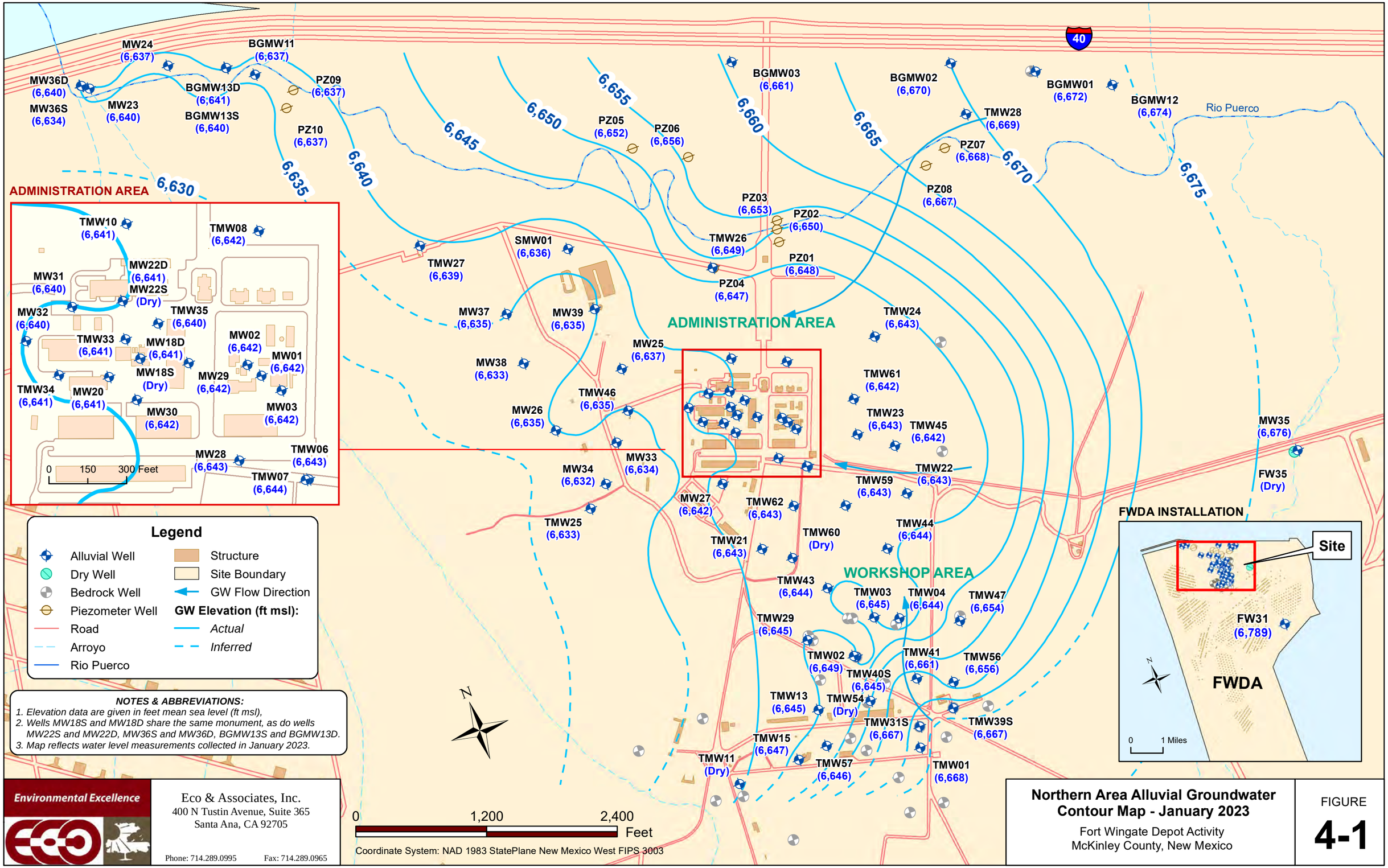
INSET. Northern Area Wells



Environmental Excellence	Eco & Associates, Inc. 400 N Tustin Avenue, Suite 365 Santa Ana, CA 92705 Phone: 714.289.0995 Fax: 714.289.0965	**FWDA WELL LOCATIONS** Fort Wingate Depot Activity McKinley County, New Mexico	FIGURE **1-3**

Updated on: 2/17/2025

Project No.: Eco-23-809



Legend

- Alluvial Well
- Dry Well
- Bedrock Well
- Piezometer Well
- Road
- Arroyo
- Rio Puerco
- Structure
- Site Boundary
- GW Flow Direction
- **GW Elevation (ft msl):**
- *Actual*
- *Inferred*

NOTES & ABBREVIATIONS:

1. Elevation data are given in feet mean sea level (ft msl),
2. Wells MW18S and MW18D share the same monument, as do wells MW22S and MW22D, MW36S and MW36D, BGMW13S and BGMW13D.
3. Map reflects water level measurements collected in January 2023.

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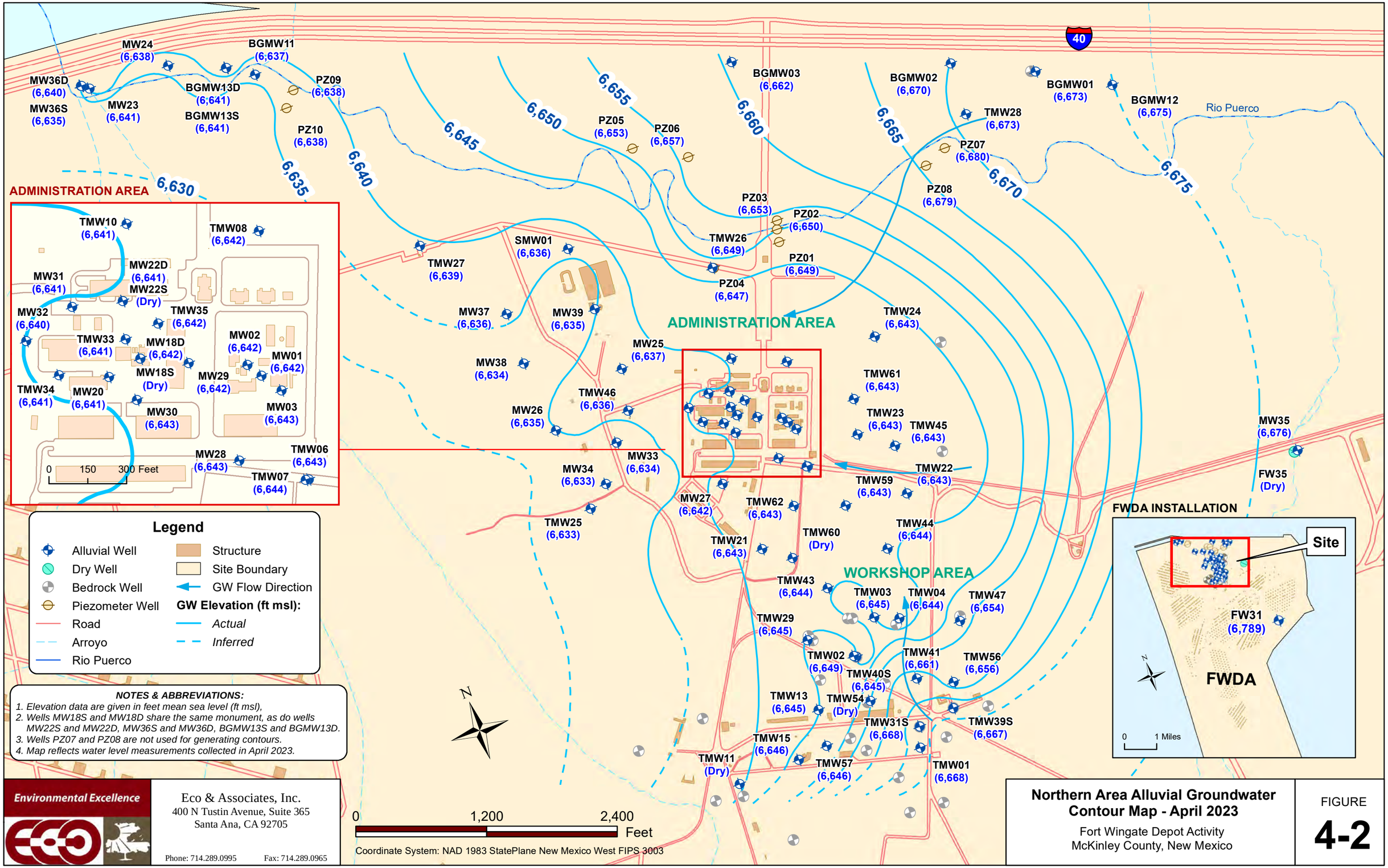
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Northern Area Alluvial Groundwater Contour Map - January 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE **4-1**



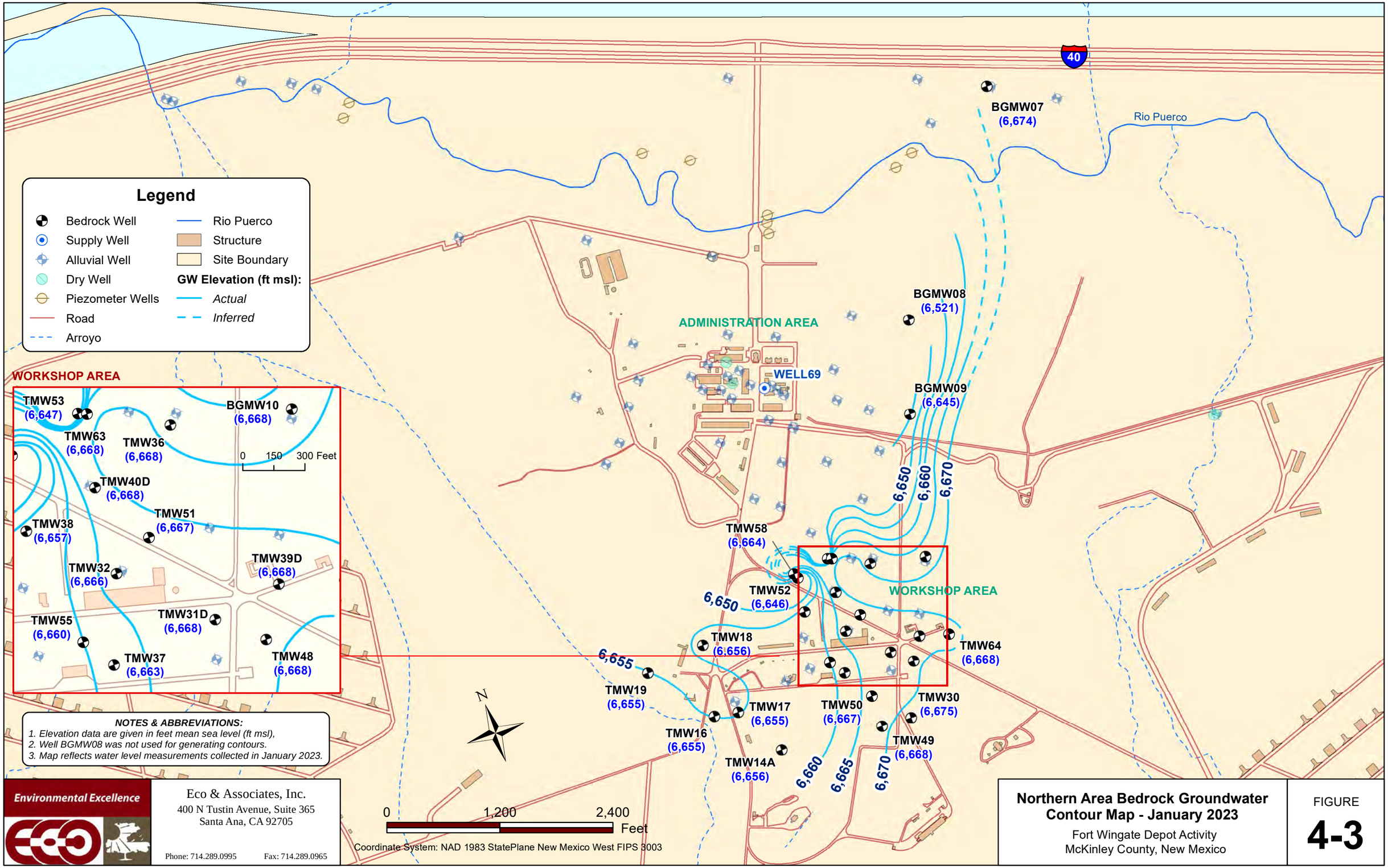
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Northern Area Alluvial Groundwater Contour Map - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE **4-2**



NOTES & ABBREVIATIONS:

1. *Elevation data are given in feet mean sea level (ft msl),*
2. *Well BGMW08 was not used for generating contours.*
3. *Map reflects water level measurements collected in January 2023.*

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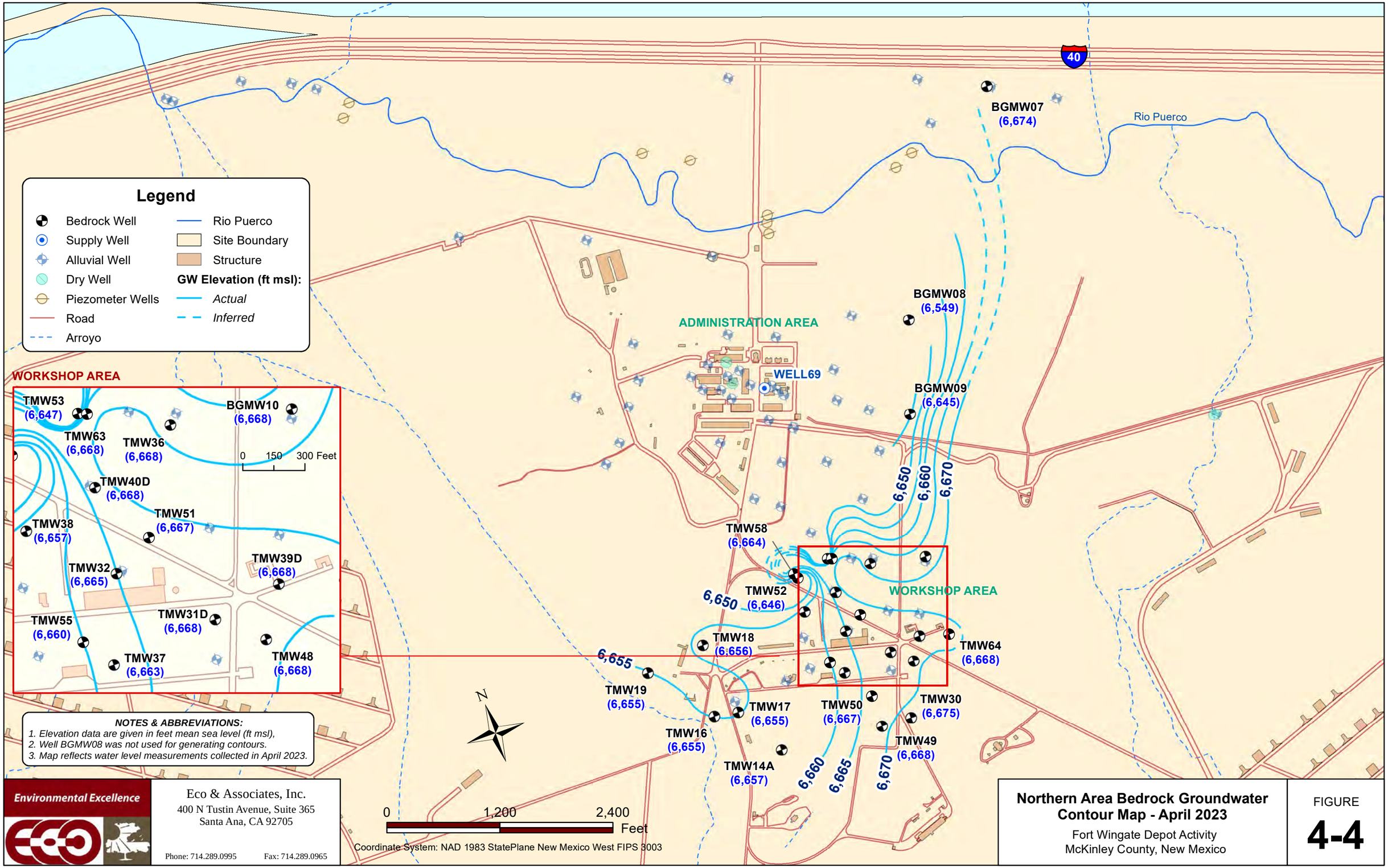
Northern Area Bedrock Groundwater Contour Map - January 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
4-3

Updated on: 2/11/2025

Project No.: Eco-23-809



NOTES & ABBREVIATIONS:

1. *Elevation data are given in feet mean sea level (ft msl),*
2. *Well BGMW08 was not used for generating contours.*
3. *Map reflects water level measurements collected in April 2023.*

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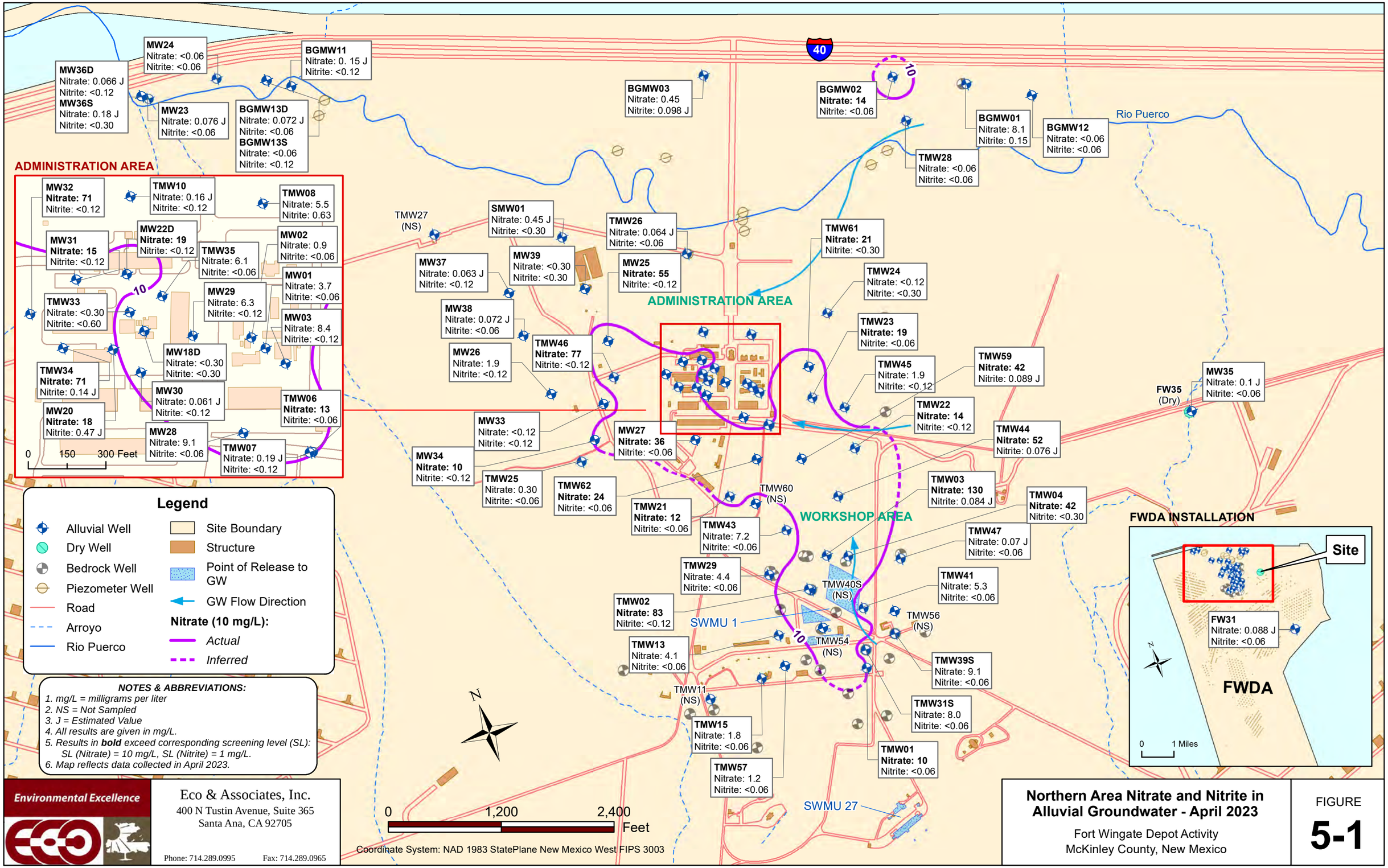
Northern Area Bedrock Groundwater Contour Map - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
4-4

Updated on: 2/11/2025

Project No.: Eco-23-809



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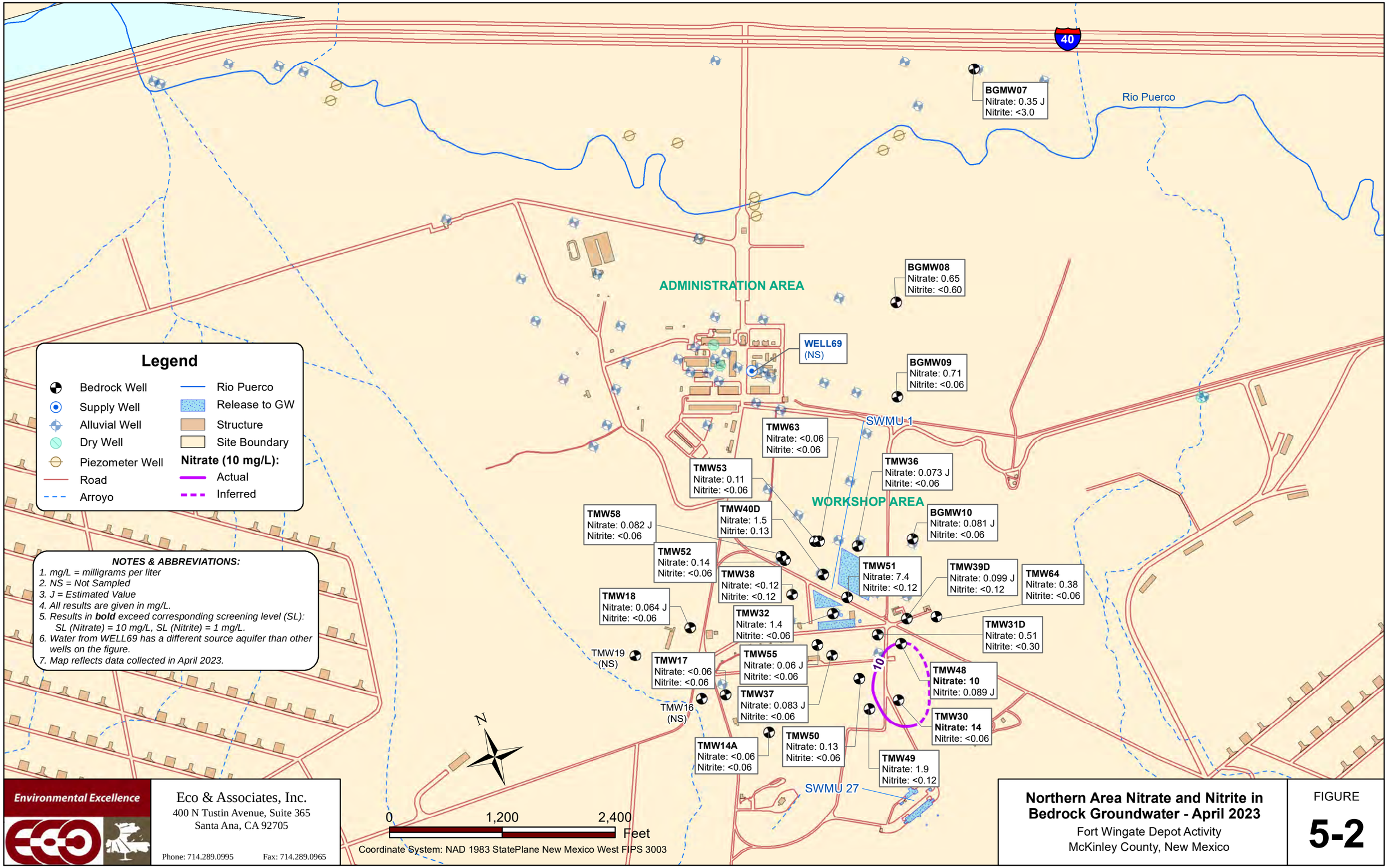
Northern Area Nitrate and Nitrite in Alluvial Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-1

Updated on: 2/11/2025

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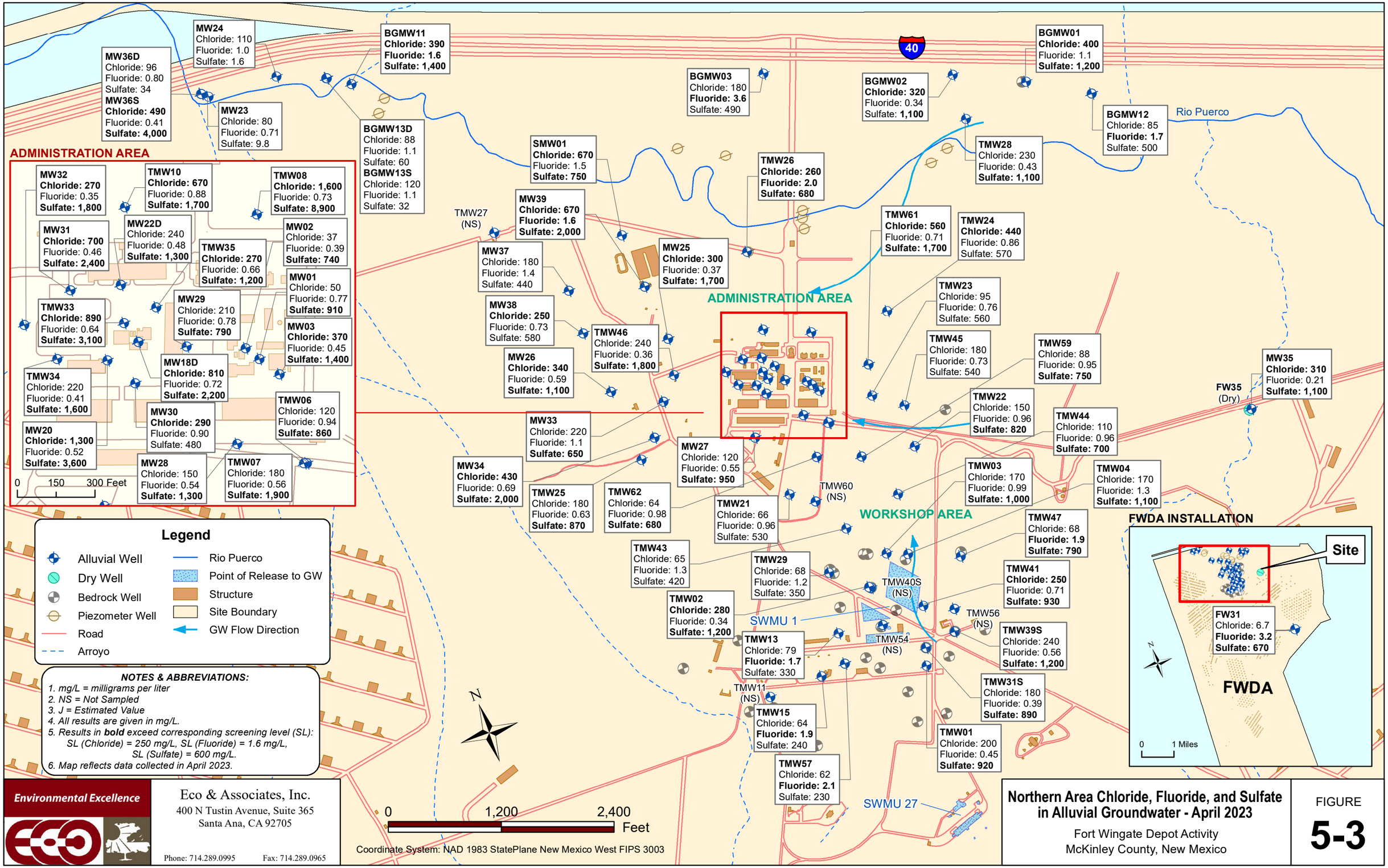
Northern Area Nitrate and Nitrite in Bedrock Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-2

Updated on: 2/11/2025

Project No.: Eco-23-809



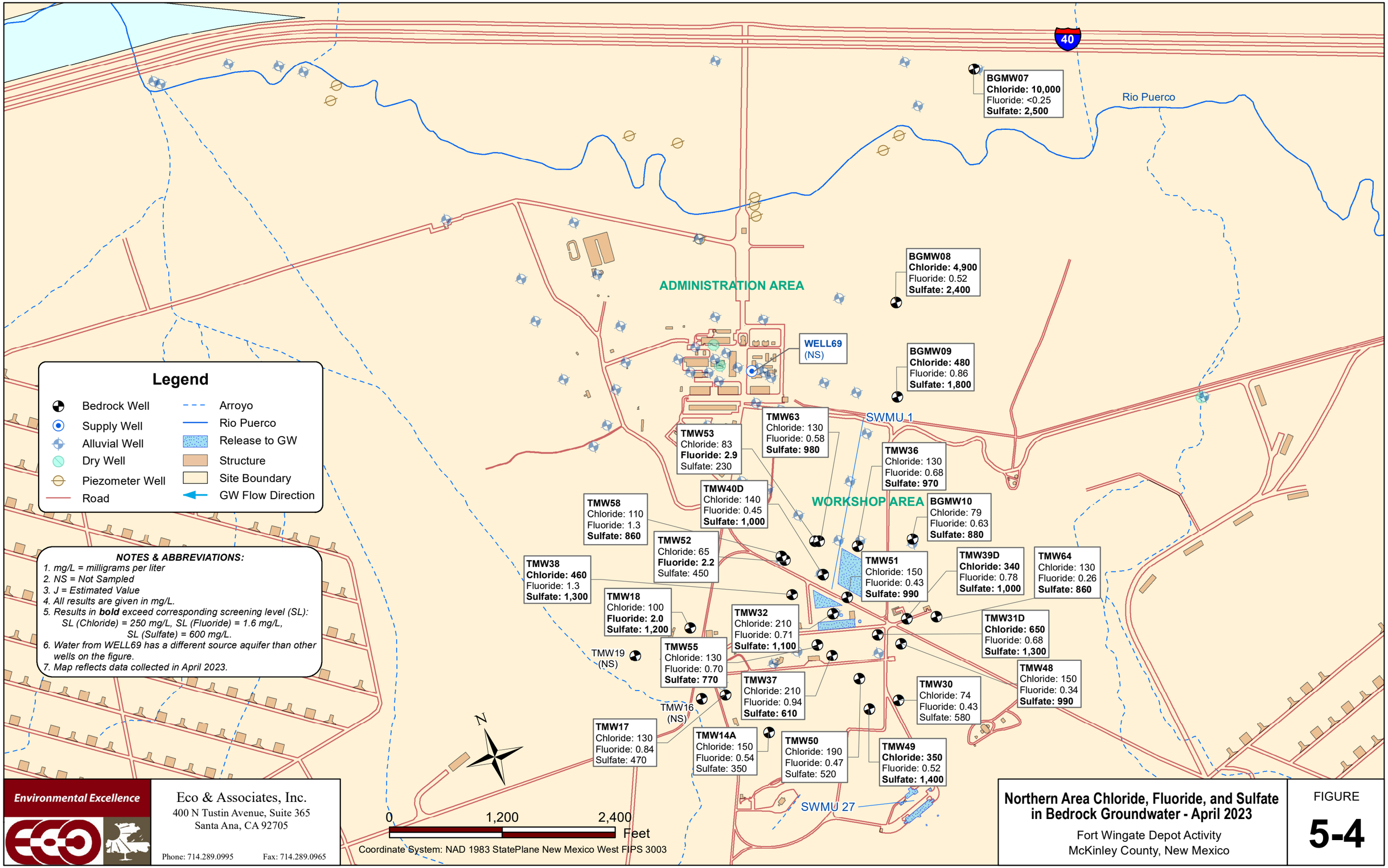
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Northern Area Chloride, Fluoride, and Sulfate in Alluvial Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-3



Legend

- Bedrock Well
- Supply Well
- Alluvial Well
- Dry Well
- Piezometer Well
- Road
- Arroyo
- Rio Puerco
- Release to GW
- Structure
- Site Boundary
- GW Flow Direction

NOTES & ABBREVIATIONS:

1. *mg/L = milligrams per liter*
2. *NS = Not Sampled*
3. *J = Estimated Value*
4. *All results are given in mg/L.*
5. *Results in **bold** exceed corresponding screening level (SL):*
   SL (Chloride) = 250 mg/L, SL (Fluoride) = 1.6 mg/L,
   SL (Sulfate) = 600 mg/L.
6. *Water from WELL69 has a different source aquifer than other wells on the figure.*
7. *Map reflects data collected in April 2023.*

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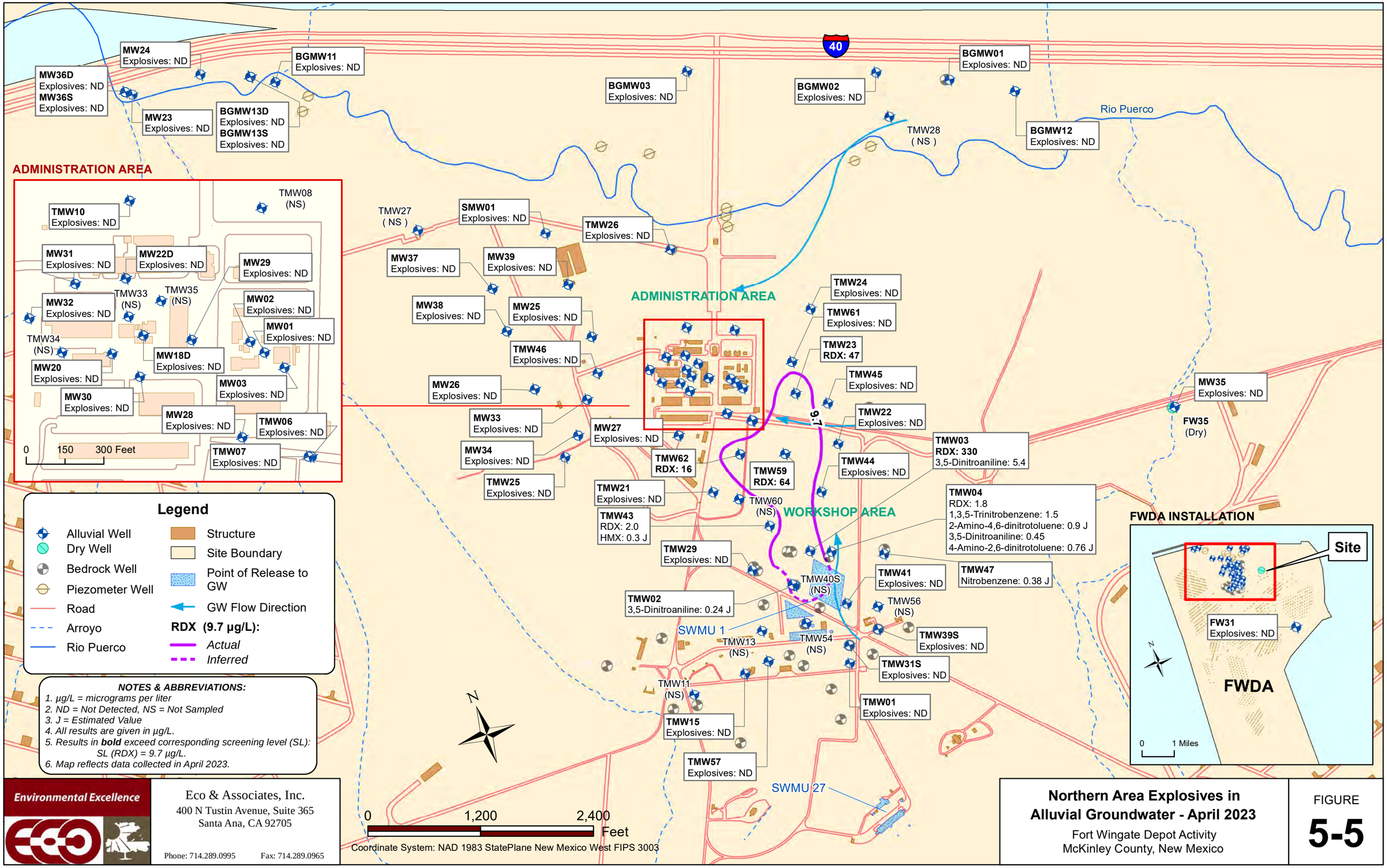
Northern Area Chloride, Fluoride, and Sulfate in Bedrock Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-4

Updated on: 4/25/2025

Project No.: Eco-18-1237



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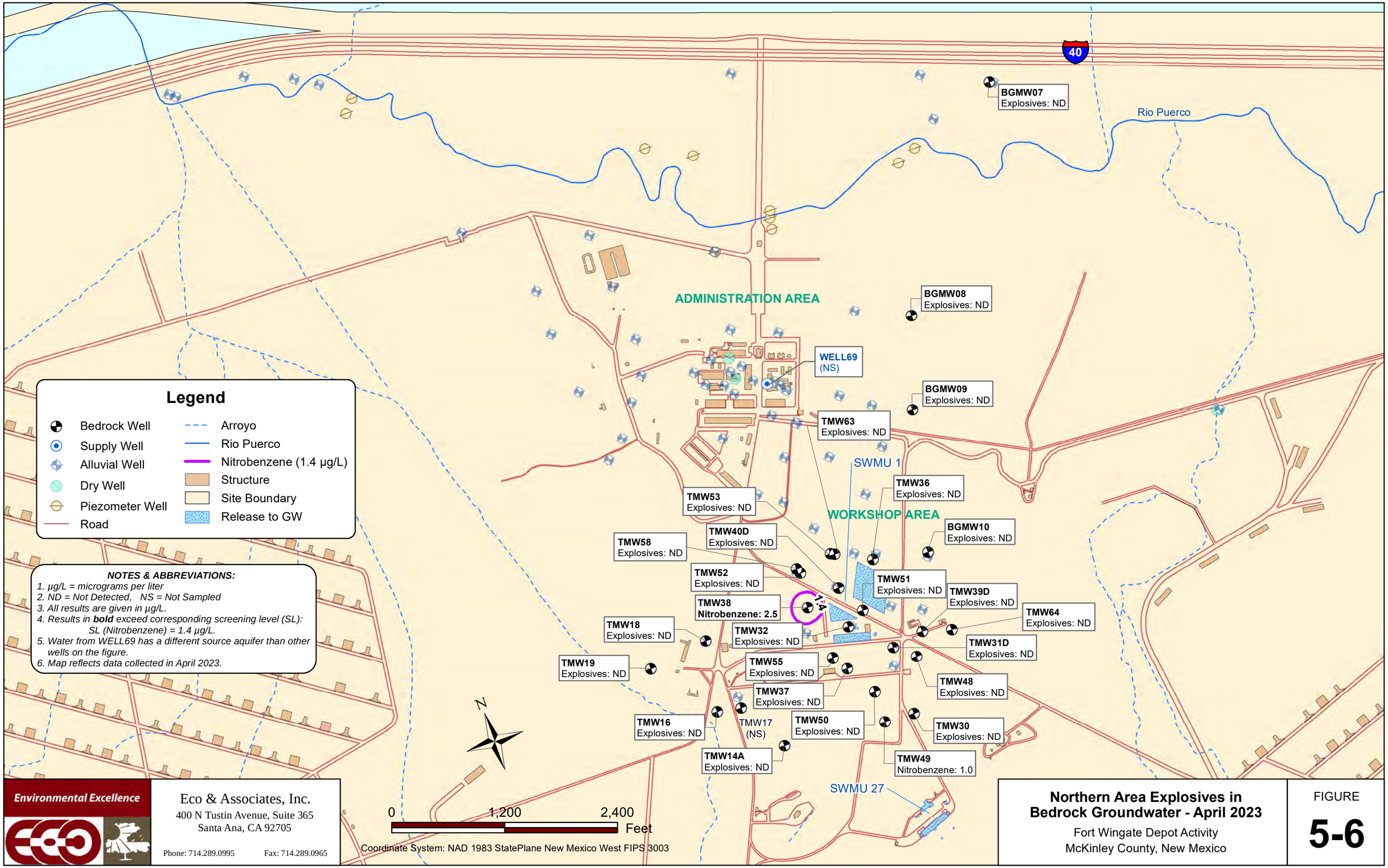
Northern Area Explosives in Alluvial Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-5

Updated on: 2/11/2025

Project No.: Eco-23-809



Legend

- Bedrock Well
- Supply Well
- Alluvial Well
- Dry Well
- Piezometer Well
- Road
- Arroyo
- Rio Puerco
- Nitrobenzene (1.4 µg/L)
- Structure
- Site Boundary
- Release to GW

NOTES & ABBREVIATIONS:

1. *µg/L = micrograms per liter*
2. *ND = Not Detected, NS = Not Sampled*
3. *All results are given in µg/L.*
4. *Results in **bold** exceed corresponding screening level (SL):*
   SL (Nitrobenzene) = 1.4 µg/L.
5. *Water from WELL69 has a different source aquifer than other wells on the figure.*
6. *Map reflects data collected in April 2023.*

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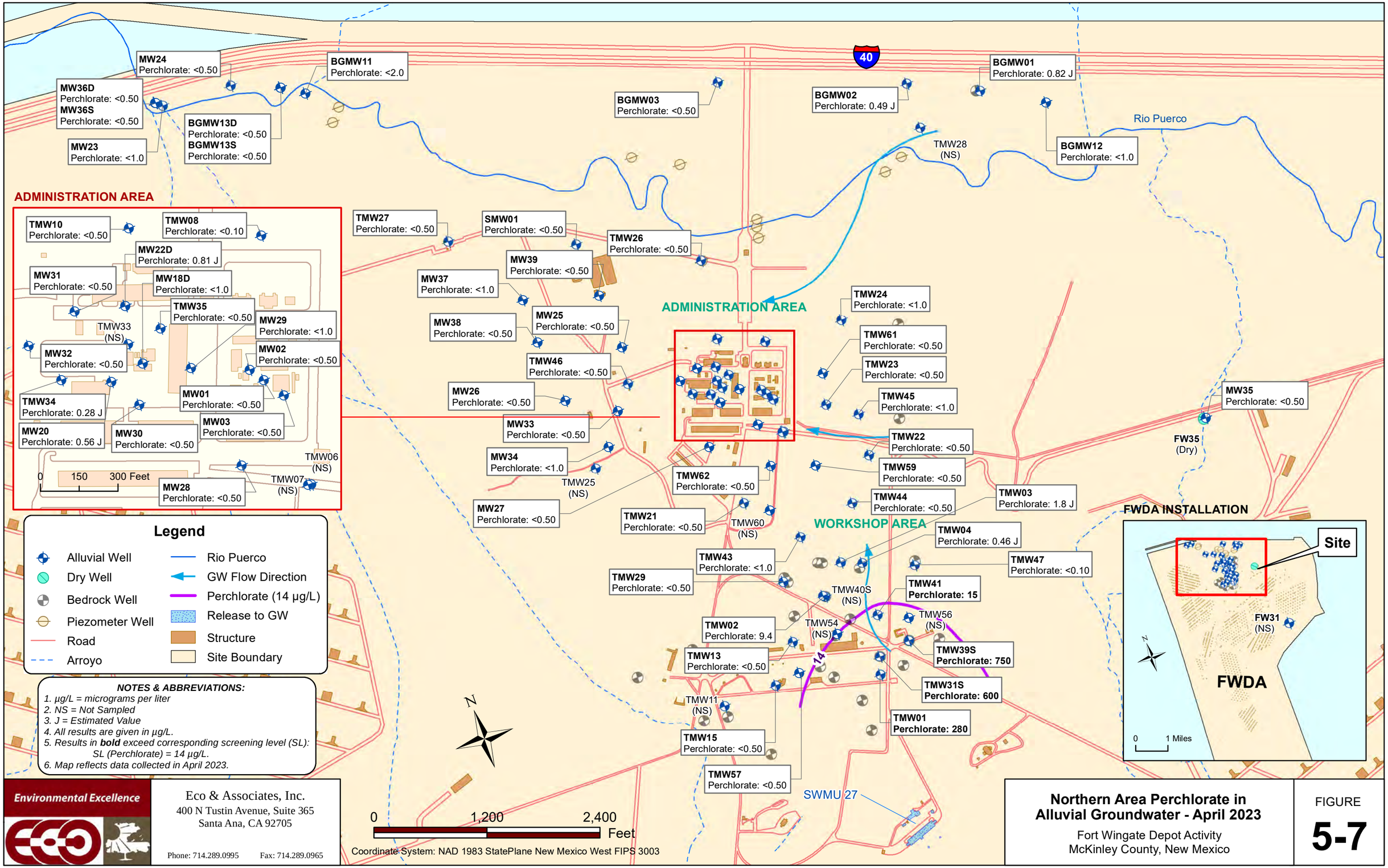
Northern Area Explosives in Bedrock Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-6

Updated on: 2/11/2025

Project No.: Eco-23-809



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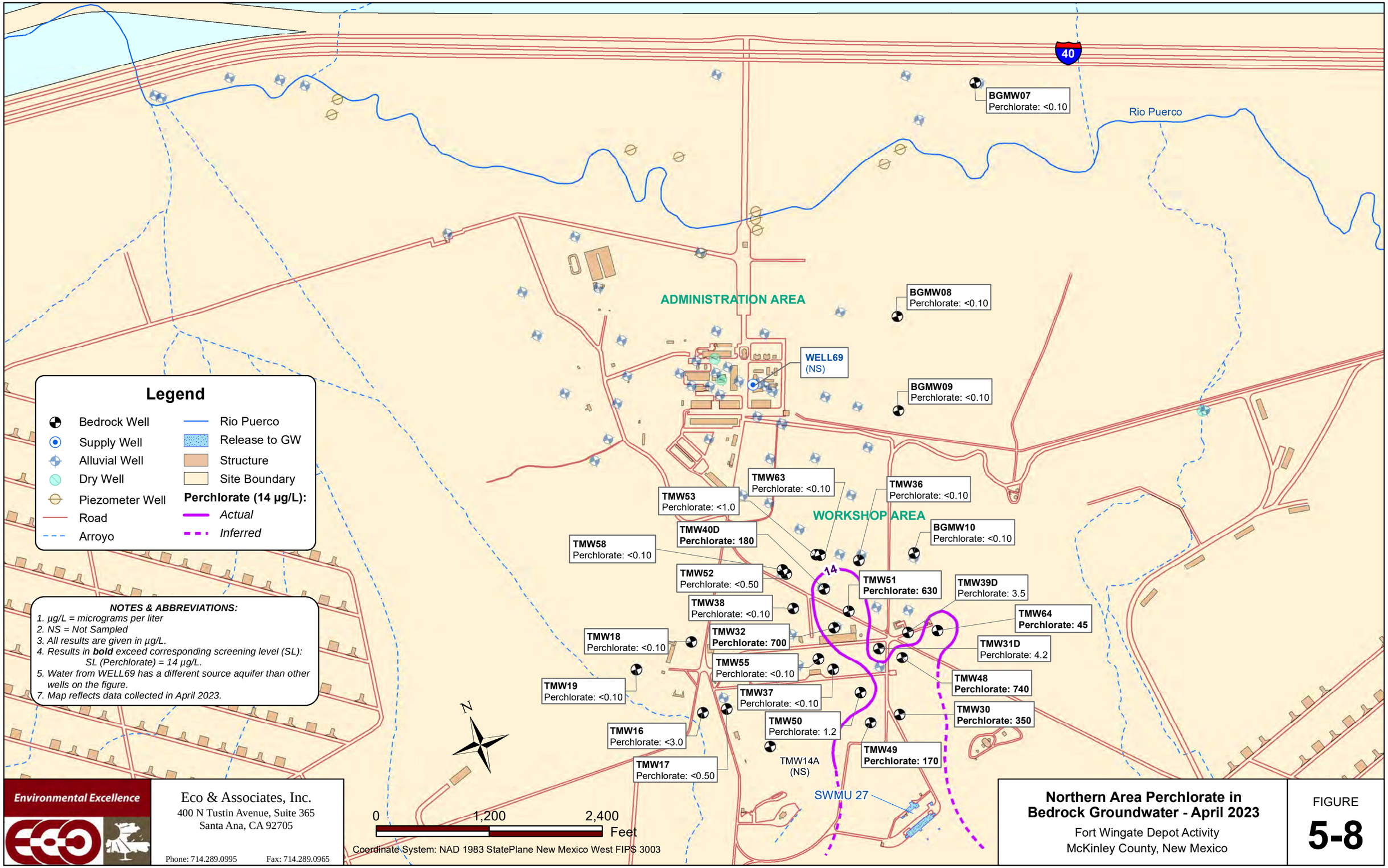
Northern Area Perchlorate in Alluvial Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-7

Updated on: 2/11/2025

Project No.: Eco-23-809



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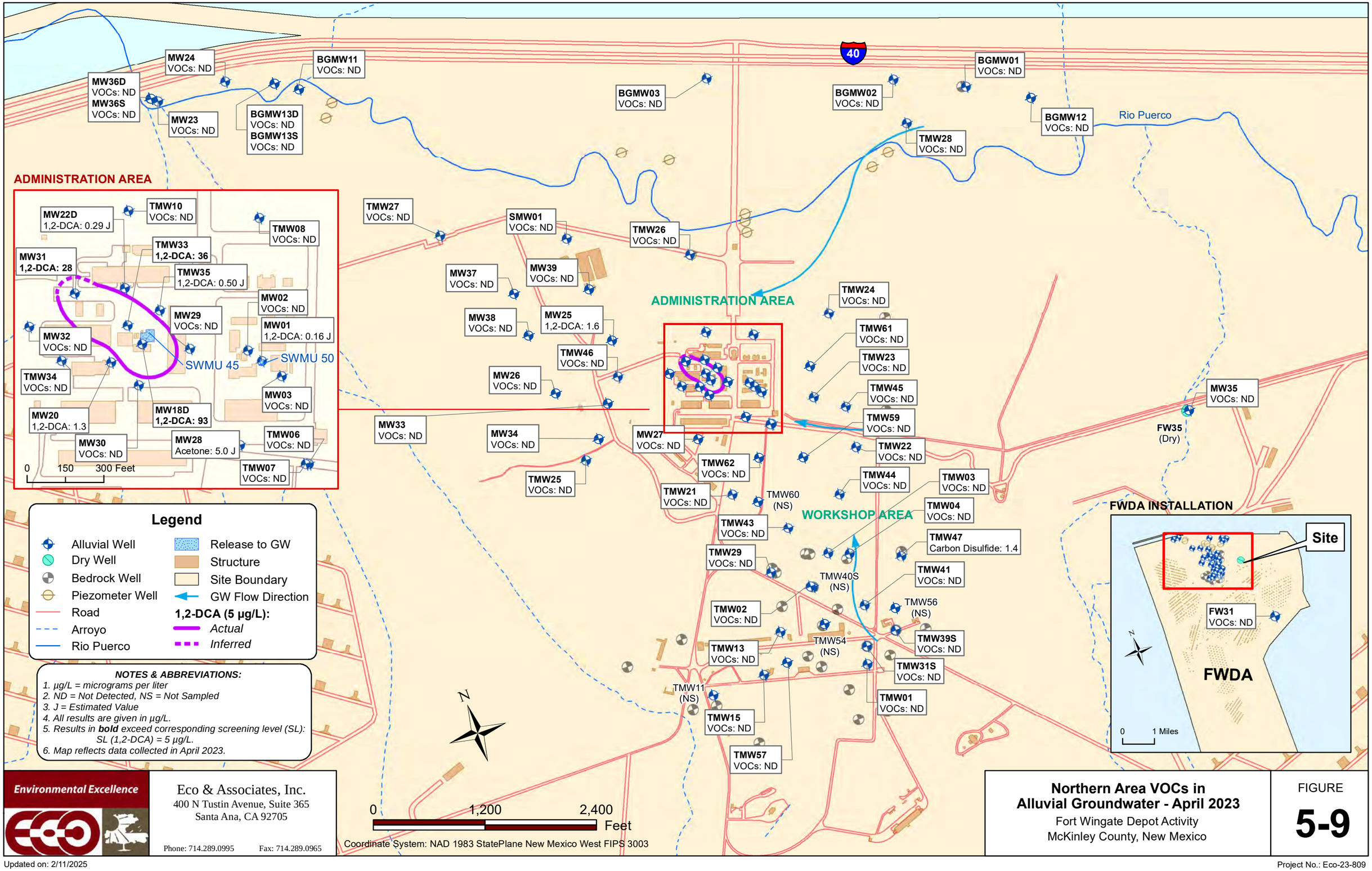
Northern Area Perchlorate in Bedrock Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-8

Updated on: 2/11/2025

Project No.: Eco-23-809



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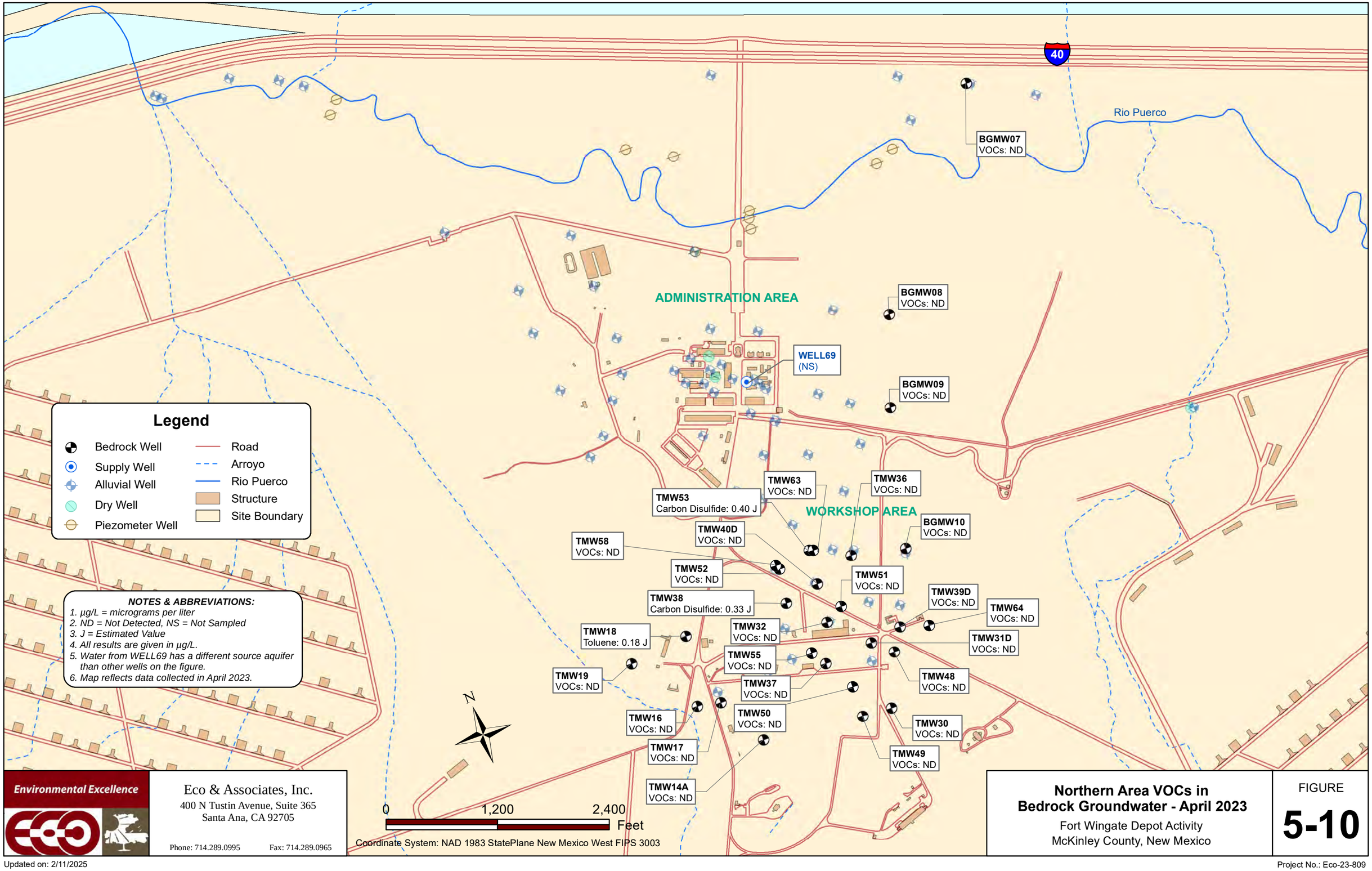
Northern Area VOCs in Alluvial Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-9

Updated on: 2/11/2025

Project No.: Eco-23-809



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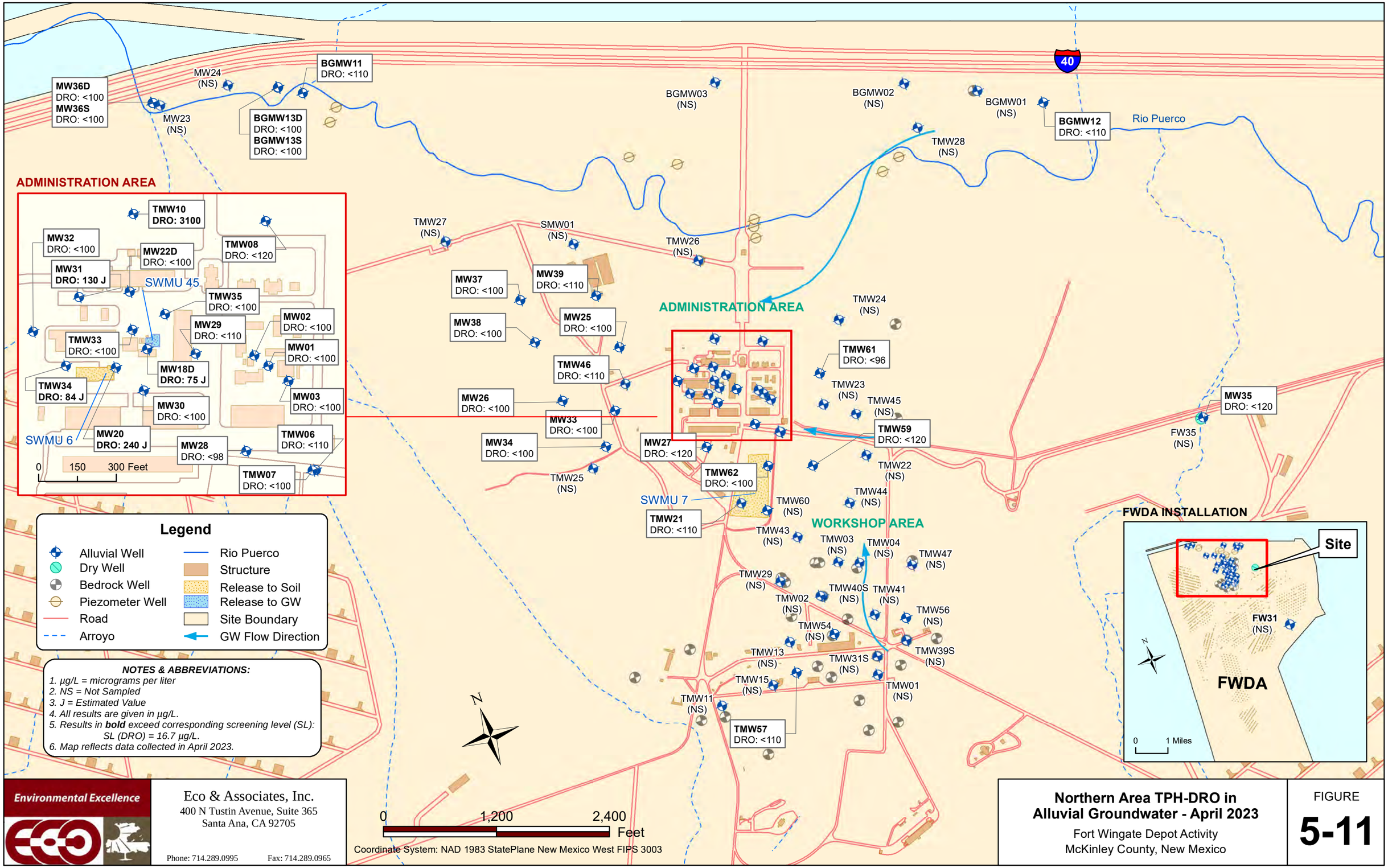
Northern Area VOCs in Bedrock Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-10

Updated on: 2/11/2025

Project No.: Eco-23-809



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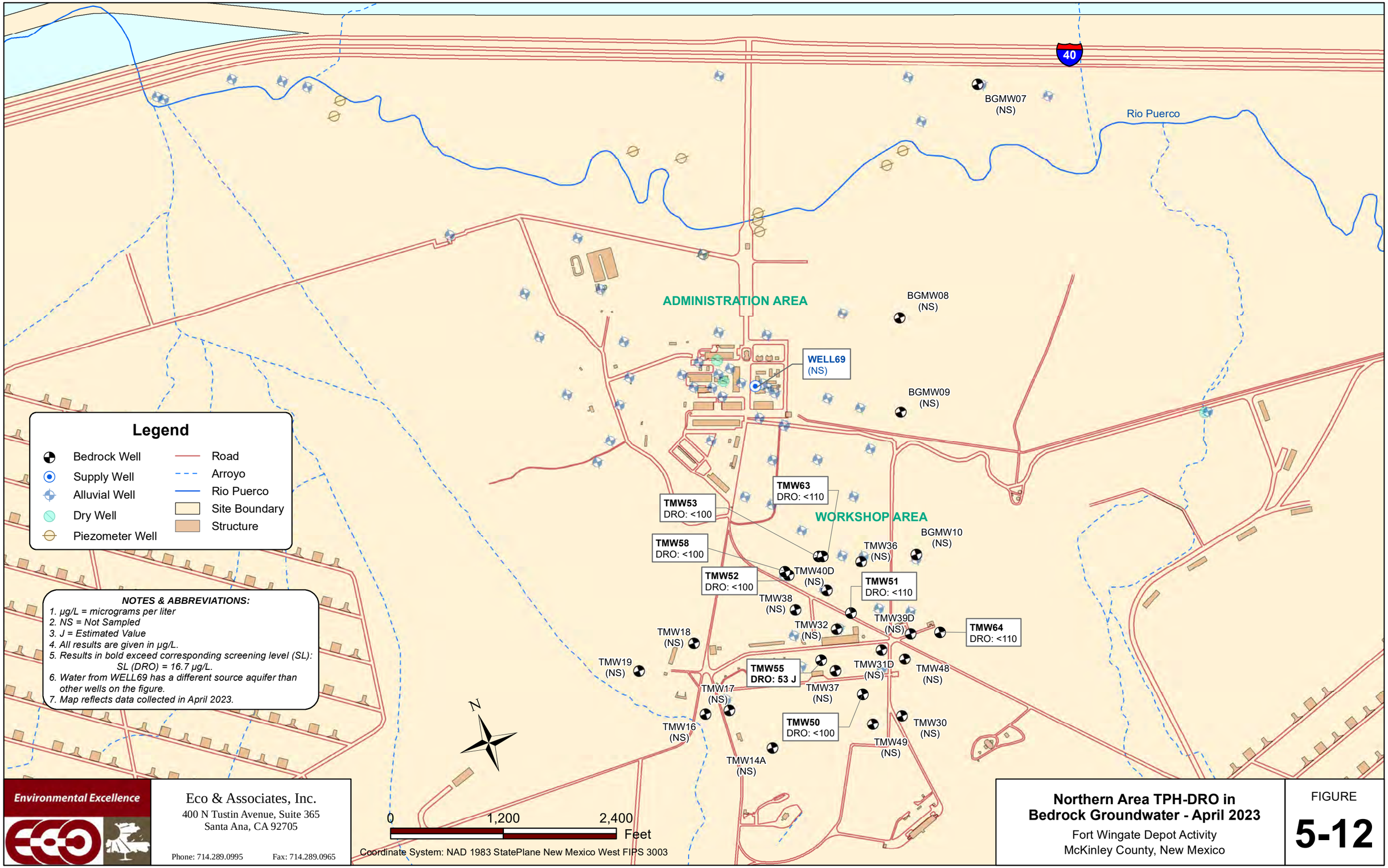
Northern Area TPH-DRO in Alluvial Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-11

Updated on: 2/11/2025

Project No.: Eco-23-809



Legend

- Bedrock Well
- Supply Well
- Alluvial Well
- Dry Well
- Piezometer Well
- Road
- Arroyo
- Rio Puerco
- Site Boundary
- Structure

NOTES & ABBREVIATIONS:

1. *µg/L = micrograms per liter*
2. *NS = Not Sampled*
3. *J = Estimated Value*
4. *All results are given in µg/L.*
5. *Results in bold exceed corresponding screening level (SL): SL (DRO) = 16.7 µg/L.*
6. *Water from WELL69 has a different source aquifer than other wells on the figure.*
7. *Map reflects data collected in April 2023.*

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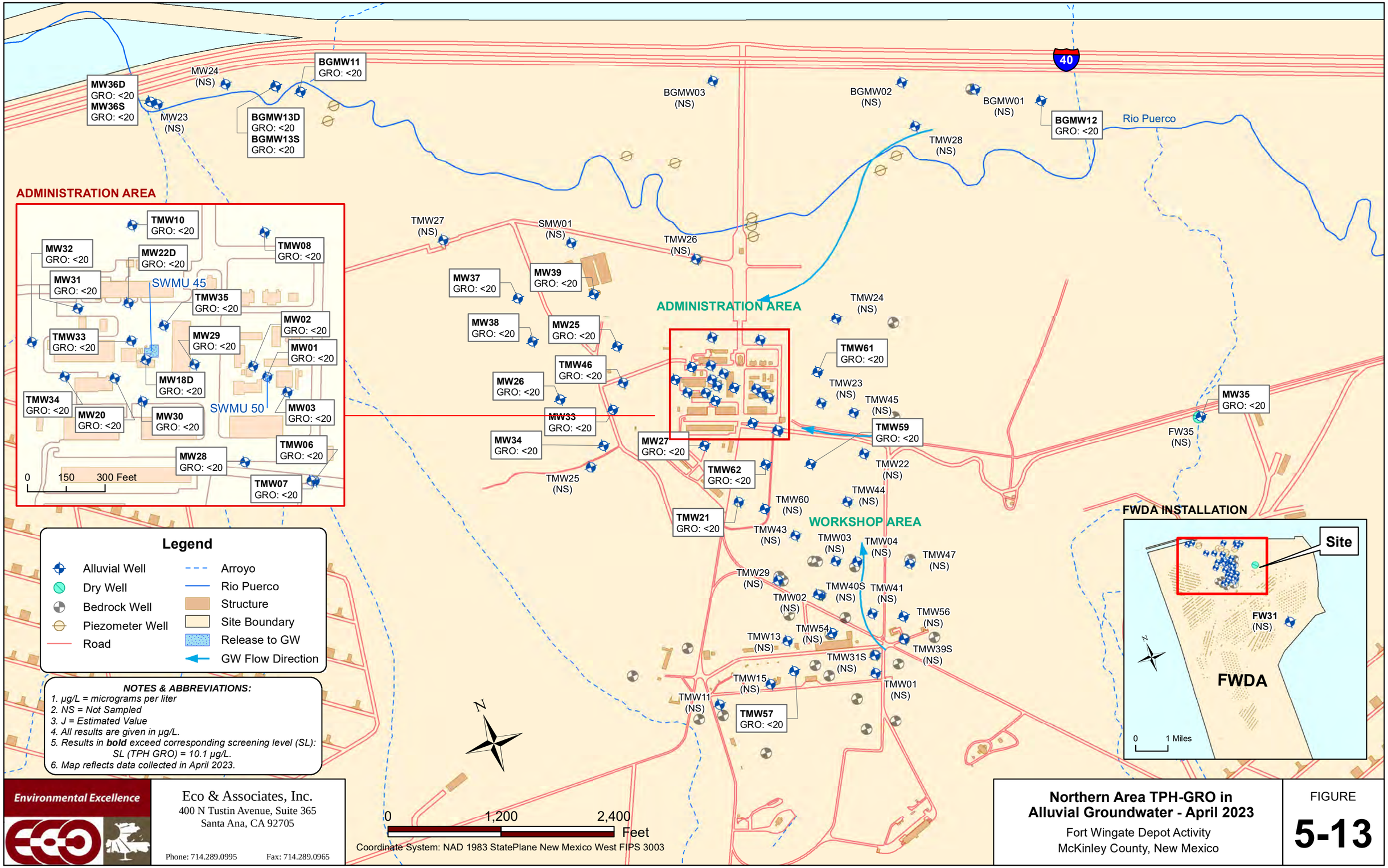
Northern Area TPH-DRO in Bedrock Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-12

Updated on: 2/11/2025

Project No.: Eco-23-809



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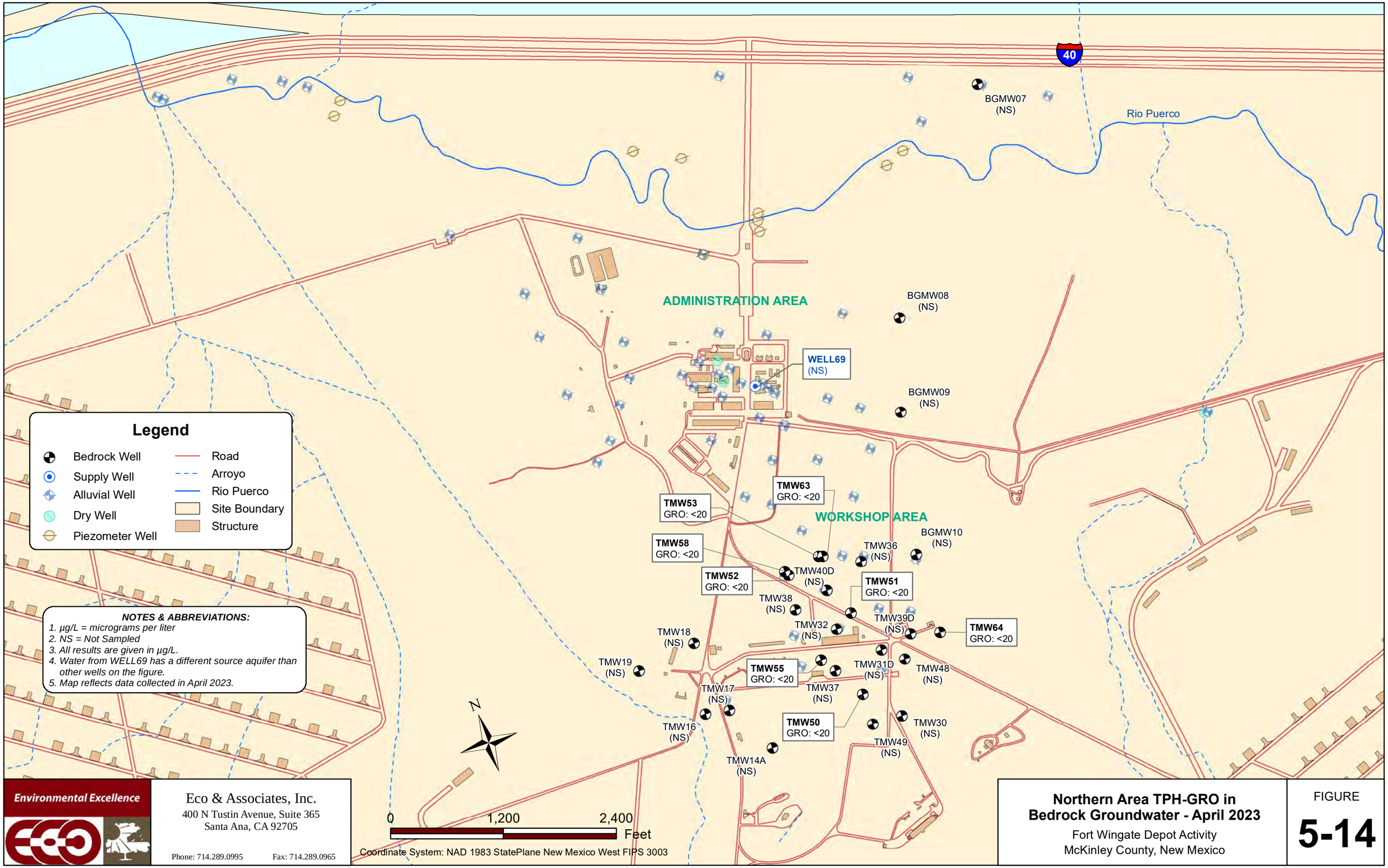
Northern Area TPH-GRO in Alluvial Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-13

Updated on: 2/11/2025

Project No.: Eco-23-809



Legend

- Bedrock Well
- Supply Well
- Alluvial Well
- Dry Well
- Piezometer Well
- Road
- Arroyo
- Rio Puerco
- Site Boundary
- Structure

NOTES & ABBREVIATIONS:

1. *µg/L = micrograms per liter*
2. *NS = Not Sampled*
3. *All results are given in µg/L.*
4. *Water from WELL69 has a different source aquifer than other wells on the figure.*
5. *Map reflects data collected in April 2023.*

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Northern Area TPH-GRO in Bedrock Groundwater - April 2023

Fort Wingate Depot Activity
McKinley County, New Mexico

FIGURE
5-14

Updated on: 2/11/2025

Project No.: Eco-23-809

TABLES

TABLE 2-1: NORTHERN AREA GROUNDWATER WELL CONSTRUCTION DETAILS

Groundwater Periodic Monitoring Report — January through June 2023

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

Groundwater Periodic Monitoring Report — January through June 2023

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	Yes	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

Groundwater Periodic Monitoring Report — January through June 2023

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

TABLE 2-2: NORTHERN AREA GROUNDWATER SAMPLING MATRIX

Groundwater Periodic Monitoring Report — January through June 2023

Fort Wingate Depot Activity, New Mexico

Well ID	ANALYTES AND METHODS											
	TCL VOC	Total Explosives	Major Anions	TAL Total Metals	TAL Dissolved Metals	Perchlorate	TCL SVOC	TCL Pesticides	TPH GRO	TPH DRO	PCB	Herbicides
	8260C	8330B/8332	9056A	6020A	6020A	6850	8270D	8081B	8015D	8015D	8082A	8151A
Northern Area Monitoring Wells - Alluvial												
BGMW01	x	x	x	x	x	x	x	x	–	–	–	–
BGMW02	x	x	x	x	x	x	x	x	–	–	–	–
BGMW03	x	x	x	x	x	x	x	x	–	–	–	–
BGMW11	x	x	x	x	x	x	x	x	x	x	x	x
BGMW12	x	x	x	x	x	x	x	x	x	x	x	x
BGMW13D	x	x	x	x	x	x	x	x	x	x	x	x
BGMW13S	x	x	x	x	x	x	x	x	x	x	x	x
FW31	x	x	x	x	x	–	x	x	–	–	–	–
FW35	x	x	x	x	x	–	x	–	–	–	–	–
MW01	x	x	x	x	x	x	–	x	x	x	–	–
MW02	x	x	x	x	x	x	–	x	x	x	–	–
MW03	x	x	x	x	x	x	–	–	x	x	–	–
MW18D	x	x	x	x	x	x	–	–	x	x	–	–
MW18S	x	–	–	x	x	–	–	–	–	–	–	–
MW20	x	x	x	x	x	x	x	x	x	x	–	–
MW22S	x	x	x	x	x	x	x	x	x	x	–	–
MW22D	x	x	x	x	x	x	x	x	x	x	–	–
MW23	x	x	x	x	x	x	x	x	–	–	–	–
MW24	x	x	x	x	x	x	x	x	–	–	–	–
MW25	x	x	x	x	x	x	x	x	x	x	x	x
MW26	x	x	x	x	x	x	x	x	x	x	x	x
MW27	x	x	x	x	x	x	x	x	x	x	x	x
MW28	x	x	x	x	x	x	x	x	x	x	x	x
MW29	x	x	x	x	x	x	x	x	x	x	x	x
MW30	x	x	x	x	x	x	x	x	x	x	x	x
MW31	x	x	x	x	x	x	x	x	x	x	x	x
MW32	x	x	x	x	x	x	x	x	x	x	x	x
MW33	x	x	x	x	x	x	x	x	x	x	x	x
MW34	x	x	x	x	x	x	x	x	x	x	x	x

TABLE 2-2: NORTHERN AREA GROUNDWATER SAMPLING MATRIX

Groundwater Periodic Monitoring Report — January through June 2023

Fort Wingate Depot Activity, New Mexico

Well ID	ANALYTES AND METHODS											
	TCL VOC	Total Explosives	Major Anions	TAL Total Metals	TAL Dissolved Metals	Perchlorate	TCL SVOC	TCL Pesticides	TPH GRO	TPH DRO	PCB	Herbicides
	8260C	8330B/8332	9056A	6020A	6020A	6850	8270D	8081B	8015D	8015D	8082A	8151A
MW35	x	x	x	x	x	x	x	x	x	x	x	x
MW36D	x	x	x	x	x	x	x	x	x	x	x	x
MW36S	x	x	x	x	x	x	x	x	x	x	x	x
MW37	x	x	x	x	x	x	x	x	x	x	x	x
MW38	x	x	x	x	x	x	x	x	x	x	x	x
MW39	x	x	x	x	x	x	x	x	x	x	x	x
SMW01	x	x	x	x	x	x	x	–	–	–	–	–
TMW01	x	x	x	x	x	x	–	–	–	–	–	–
TMW02	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	x	–	–
TMW08	x	–	x	x	x	x	–	x	x	x	–	–
TMW10	x	x	x	x	x	x	–	–	x	x	–	–
TMW11	x	x	x	x	x	x	–	–	–	–	–	–
TMW13	x	–	x	x	x	x	–	–	–	–	–	–
TMW15	x	x	x	x	x	x	x	–	–	–	–	–
TMW21	x	x	x	x	x	x	–	–	x	x	–	–
TMW22	x	x	x	x	x	x	x	–	–	–	–	–
TMW23	x	x	x	x	x	x	–	x	–	–	–	–
TMW24	x	x	x	x	x	x	–	x	–	–	–	–
TMW25	x	x	x	x	x	–	–	–	–	–	–	–
TMW26	x	x	x	x	x	x	–	–	–	–	–	–
TMW27	x	–	–	x	x	x	–	–	–	–	–	–
TMW28	x	–	x	x	x	–	–	–	–	–	–	–
TMW29	x	x	x	x	x	x	–	–	–	–	–	–
TMW31S	x	x	x	x	x	x	x	x	–	–	–	–
TMW33	x	–	x	x	x	–	x	–	x	x	–	–
TMW34	x	–	x	x	x	x	–	–	x	x	–	–

TABLE 2-2: NORTHERN AREA GROUNDWATER SAMPLING MATRIX

Groundwater Periodic Monitoring Report — January through June 2023

Fort Wingate Depot Activity, New Mexico

Well ID	ANALYTES AND METHODS											
	TCL VOC	Total Explosives	Major Anions	TAL Total Metals	TAL Dissolved Metals	Perchlorate	TCL SVOC	TCL Pesticides	TPH GRO	TPH DRO	PCB	Herbicides
	8260C	8330B/8332	9056A	6020A	6020A	6850	8270D	8081B	8015D	8015D	8082A	8151A
TMW35	x	–	x	x	x	x	x	x	x	x	–	–
TMW39S	x	x	x	x	x	x	x	x	–	–	–	–
TMW40S	x	x	x	x	x	x	x	x	–	–	–	–
TMW41	x	x	x	x	x	x	x	x	–	–	–	–
TMW43	x	x	x	x	x	x	x	x	–	–	–	–
TMW44	x	x	x	x	x	x	x	x	–	–	–	–
TMW45	x	x	x	x	x	x	x	x	–	–	–	–
TMW46	x	x	x	x	x	x	x	x	x	x	–	–
TMW47	x	x	x	x	x	x	x	x	–	–	–	–
TMW54	x	x	x	x	x	x	x	x	x	x	x	x
TMW56	x	x	x	x	x	x	x	x	x	x	x	x
TMW57	x	x	x	x	x	x	x	x	x	x	x	x
TMW59	x	x	x	x	x	x	x	x	x	x	x	x
TMW60	x	x	x	x	x	x	x	x	x	x	x	x
TMW61	x	x	x	x	x	x	x	x	x	x	x	x
TMW62	x	x	x	x	x	x	x	x	x	x	x	x
Northern Area Monitoring Wells - Bedrock												
BGMW07	x	x	x	x	x	x	x	x	–	–	x	x
BGMW08	x	x	x	x	x	x	x	x	–	–	x	x
BGMW09	x	x	x	x	x	x	x	x	–	–	x	x
BGMW10	x	x	x	x	x	x	x	x	–	–	x	x
TMW14A	x	x	x	x	x	–	x	–	–	–	–	–
TMW16	x	x	–	x	x	x	x	–	–	–	–	–
TMW17	x	–	x	x	x	x	–	–	–	–	–	–
TMW18	x	x	x	x	x	x	x	–	–	–	–	–
TMW19	x	x	–	x	x	x	x	–	–	–	–	–
TMW30	x	x	x	x	x	x	x	x	–	–	–	–
TMW31D	x	x	x	x	x	x	x	x	–	–	–	–
TMW32	x	x	x	x	x	x	x	x	–	–	–	–

TABLE 2-2: NORTHERN AREA GROUNDWATER SAMPLING MATRIX

Groundwater Periodic Monitoring Report — January through June 2023

Fort Wingate Depot Activity, New Mexico

Well ID	ANALYTES AND METHODS											
	TCL VOC	Total Explosives	Major Anions	TAL Total Metals	TAL Dissolved Metals	Perchlorate	TCL SVOC	TCL Pesticides	TPH GRO	TPH DRO	PCB	Herbicides
	8260C	8330B/8332	9056A	6020A	6020A	6850	8270D	8081B	8015D	8015D	8082A	8151A
TMW36	x	x	x	x	x	x	x	x	–	–	–	–
TMW37	x	x	x	x	x	x	x	x	–	–	–	–
TMW38	x	x	x	x	x	x	x	x	–	–	–	–
TMW39D	x	x	x	x	x	x	x	x	–	–	–	–
TMW40D	x	x	x	x	x	x	x	x	–	–	–	–
TMW48	x	x	x	x	x	x	x	x	–	–	–	–
TMW49	x	x	x	x	x	x	x	x	–	–	–	–
TMW50	x	x	x	x	x	x	x	x	x	x	x	x
TMW51	x	x	x	x	x	x	x	x	x	x	x	x
TMW52	x	x	x	x	x	x	x	x	x	x	x	x
TMW53	x	x	x	x	x	x	x	x	x	x	x	x
TMW55	x	x	x	x	x	x	x	x	x	x	x	x
TMW58	x	x	x	x	x	x	x	x	x	x	x	x
TMW63	x	x	x	x	x	x	x	x	x	x	x	x
TMW64	x	x	x	x	x	x	x	x	x	x	x	x

ABBREVIATIONS and ACRONYMS:

– = analyte not applicable for that well
DRO = diesel range organics
GRO = gasoline range organics
ID = identification
SVOC = semivolatile 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

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS
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METHOD	ANALYTE	CAS	UNITS	Nov. 2022 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	Nov. 2022 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	Nov. 2022 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	Nov. 2022 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD LOWER CONTROL LIMITS	LCS, MS/MSD UPPER CONTROL LIMITS	% RPD	NOTES
6020A	Aluminum	7429-90-5	µg/L		5,000			20,000	5,000	WQCC		84	117	20	
6020A	Calcium[5]	7440-70-2	µg/L						NA			87	118	20	
6020A	Iron	7439-89-6	µg/L		1,000			14,000	1,000	WQCC		87	118	20	
6020A	Magnesium[5]	7439-95-4	µg/L						NA			83	118	20	
6020A	Potassium[5]	7440-09-7	µg/L						NA			87	115	20	
6020A	Sodium[5]	7440-23-5	µg/L						NA			85	117	20	
6020A	Antimony	7440-36-0	µg/L	6	6			7.8	6	WQCC		85	117	20	
6020A	Arsenic	7440-38-2	µg/L	10	10	0.052	0.52	6	10	WQCC		84	116	20	
6020A	Barium	7440-39-3	µg/L	2,000	2,000			3,800	2,000	WQCC		86	114	20	
6020A	Beryllium	7440-41-7	µg/L	4	4			25	4	WQCC		83	121	20	
6020A	Cadmium	7440-43-9	µg/L	5	5			1.8	5	WQCC		87	115	20	
6020A	Chromium	7440-47-3	µg/L	100	50				50	WQCC		85	116	20	
6020A	Cobalt	7440-48-4	µg/L		50			6	50	WQCC		86	115	20	
6020A	Copper	7440-50-8	µg/L	1,300	1,000			800	1,000	WQCC		85	118	20	
6020A	Lead	7439-92-1	µg/L	15	15			15	15	WQCC		88	115	20	
6020A	Manganese	7439-96-5	µg/L		200			430	200	WQCC		87	115	20	
6020A	Nickel	7440-02-0	µg/L		200			390	200	WQCC		85	117	20	
6020A	Selenium	7782-49-2	µg/L	50	50			100	50	WQCC		80	120	20	
6020A	Silver	7440-22-4	µg/L		50			94	50	WQCC		85	116	20	
6020A	Thallium	7440-28-0	µg/L	2	2			0.2	2	WQCC		82	116	20	
6020A	Vanadium	7440-62-2	µg/L					86	86	RSL	nc	86	115	20	
6020A	Zinc	7440-66-6	µg/L		10,000			6,000	10,000	WQCC		83	119	20	
6850	Perchlorate	14797-73-0	µg/L					14	14	RSL	nc	84	119	15	
7470A	Mercury	7439-97-6	µg/L	2	2			0.63	2	WQCC		82	119	20	
8015D	Diesel Range Organics (DRO) [C10 C28]	68334-30-5	µg/L						16.7	NMED RAG[4]		36	132	30	
8015D	*Bromobenzene (Surrogate)* [6]	108-86-1	%						NA			60	130	30	
8015D	*Hexacosane (Surrogate)* [6]	630-01-3	%						NA			60	140	30	
8015D	Gasoline Range Organics (GRO) [C6 C10]	8006-61-9	µg/L						10.1	NMED RAG[4]		78	122	30	
8015D	*Bromofluorobenzene (Surrogate)* [6]	460-00-4	%						NA			69	133	30	
8260C	1,1,1,2-Tetrachloroethane	630-20-6	µg/L			0.57	5.7	480	5.7	RSL	c	78	124	20	
8260C	1,1,1-Trichloroethane	71-55-6	µg/L	200	200			8,000	200	WQCC		74	131	20	
8260C	1,1,2,2-Tetrachloroethane	79-34-5	µg/L		10	0.076	0.76	360	10	WQCC		71	121	20	

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8260C	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	µg/L					10,000	10,000	RSL	nc	70	136	20	
8260C	1,1,2-Trichloroethane	79-00-5	µg/L	5	5	0.28	2.8	0.41	5	WQCC		80	119	20	
8260C	1,1-Dichloroethane	75-34-3	µg/L		25	2.8	28	3,800	25	WQCC		77	125	20	
8260C	1,1-Dichloroethene	75-35-4	µg/L	7	7			280	7	WQCC		71	131	20	
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	
8260C	1,2,3-Trichlorobenzene	87-61-6	µg/L					7	7	RSL	nc	69	129	20	
8260C	1,2,3-Trichloropropane	96-18-4	µg/L			0.00075	0.0075	0.62	0.0075	RSL	c	73	122	20	
8260C	1,2,4-Trichlorobenzene	120-82-1	µg/L	70	70	1.2	12	4	70	WQCC		69	130	20	
8260C	1,2,4-Trimethylbenzene	95-63-6	µg/L					56	56	RSL	nc	76	124	20	
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	
8260C	1,2-Dibromoethane	106-93-4	µg/L	0.05		0.0075	0.075	17	0.05	MCL		77	121	20	
8260C	1,2-Dichlorobenzene	95-50-1	µg/L	600	600			300	600	WQCC		80	119	20	
8260C	1,2-Dichloroethane	107-06-2	µg/L	5	5	0.17	1.7	13	5	WQCC		73	128	20	
8260C	1,3,5-Trimethylbenzene	108-67-8	µg/L					60	60	RSL	nc	75	124	20	
8260C	1,3-Dichlorobenzene (Surrogate *dichlorobenzene, 1,4)*	541-73-1	µg/L	75	75	0.48	4.8	570	75	MCL		80	119	20	
8260C	1,3-Dichloropropane	142-28-9	µg/L					370	370	RSL	nc	80	119	20	
8260C	1,4-Dichlorobenzene	106-46-7	µg/L	75	75	0.48	4.8	570	75	WQCC		79	118	20	
8260C	2,2-Dichloropropane *(Surrogate dichloropropane, 1,2)*	594-20-7	µg/L	5	5	0.85	8.5	8.2	5	MCL		60	139	20	
8260C	2-Butanone (MEK)	78-93-3	µg/L					5,600	5,600	RSL	nc	56	143	20	
8260C	2-Chlorotoluene	95-49-8	µg/L					240	240	RSL	nc	79	122	20	
8260C	2-Hexanone	591-78-6	µg/L					38	38	RSL	nc	57	139	20	
8260C	4-Chlorotoluene	106-43-4	µg/L					250	250	RSL	nc	78	122	20	
8260C	4-Methyl-2-pentanone (MIBK)	108-10-1	µg/L					6,300	6,300	RSL	nc	67	130	20	methyl isobutyl ketone
8260C	Acetone	67-64-1	µg/L					18,000	18,000	RSL	nc	39	160	20	
8260C	Benzene	71-43-2	µg/L	5	5	0.46	4.6	33	5	WQCC		79	120	20	
8260C	Bromobenzene	108-86-1	µg/L					62	62	RSL	nc	80	120	20	
8260C	Bromochloromethane	74-97-5	µg/L					83	83	RSL	nc	78	123	20	
8260C	Bromodichloromethane	75-27-4	µg/L	80		0.13	1.3	150	80	MCL		79	125	20	
8260C	Bromoform	75-25-2	µg/L	80		3.3	33	380	80	MCL		66	130	20	
8260C	Bromomethane	74-83-9	µg/L					7.5	7.5	RSL	nc	53	141	20	
8260C	Carbon disulfide	75-15-0	µg/L					810	810	RSL	nc	64	133	20	
8260C	Carbon tetrachloride	56-23-5	µg/L	5	5	0.46	4.6	49	5	WQCC		72	136	20	
8260C	Chlorobenzene	108-90-7	µg/L	100				78	100	MCL		82	118	20	
8260C	Chloroethane	75-00-3	µg/L					8,300	8,300	RSL	nc	60	138	20	
8260C	Chloroform	67-66-3	µg/L	80	100	0.22	2.2	97	80	MCL		79	124	20	
8260C	Chloromethane	74-87-3	µg/L					190	190	RSL	nc	50	139	20	

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8260C	cis-1,2-Dichloroethene	156-59-2	µg/L	70	70			25	70	WQCC		78	123	20	
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	
8260C	Dibromochloromethane	124-48-1	µg/L	80		0.87	8.7	380	80	MCL		74	126	20	
8260C	Dibromomethane	74-95-3	µg/L					8.3	8.3	RSL	nc	79	123	20	
8260C	Dichlorodifluoromethane	75-71-8	µg/L					200	200	RSL	nc	32	152	20	
8260C	Ethylbenzene	100-41-4	µg/L	700	700	1.5	15	500	700	WQCC		79	121	20	
8260C	Hexachlorobutadiene	87-68-3	µg/L			0.14	1.4	6.5	1.4	RSL	c	66	134	20	8260 and 8270
8260C	Isopropylbenzene	98-82-8	µg/L					450	450	RSL	nc	72	131	20	
8260C	Methyl acetate	79-20-9	µg/L					20,000	20,000	RSL	nc	56	136	20	
8260C	Methyl tert butyl ether	1634-04-4	µg/L		100	14	140	6,300	100	WQCC	c	71	124	20	
8260C	Methylcyclohexane *(Surrogate cyclohexane)*	108-87-2	µg/L					13,000	13,000	RSL	nc	72	132	20	
8260C	Methylene Chloride	75-09-2	µg/L	5	5	11	110	110	5	MCL		74	124	20	
8260C	m-Xylene & p Xylene	179601-23-1	µg/L					190	190	RSL	nc	80	121	20	
8260C	Naphthalene	91-20-3	µg/L		30	0.12	1.2	6.1	30	WQCC		61	128	20	
8260C	n-Butylbenzene	104-51-8	µg/L					1000	1000	RSL	nc	75	128	20	
8260C	N-Propylbenzene	103-65-1	µg/L					660	660	RSL	nc	76	126	20	
8260C	o-Xylene	95-47-6	µg/L					190	190	RSL	nc	78	122	20	
8260C	p-Isopropyltoluene *(Surrogate cumene)*	99-87-6	µg/L						NS			77	127	20	
8260C	sec-Butylbenzene	135-98-8	µg/L					2,000	2,000	RSL	nc	77	126	20	
8260C	Styrene	100-42-5	µg/L	100	100			1,200	100	WQCC		78	123	20	
8260C	tert-Butylbenzene	98-06-6	µg/L					690	690	RSL	nc	78	124	20	
8260C	Toluene	108-88-3	µg/L	1,000	1,000			1,100	1,000	WQCC		80	121	20	
8260C	trans-1,2-Dichloroethene	156-60-5	µg/L	100	100			68	100	WQCC		75	124	20	
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	
8260C	Trichloroethene	79-01-6	µg/L	5	5	0.49	4.9	2.8	5	WQCC		79	123	20	
8260C	Trichlorofluoromethane	75-69-4	µg/L					5,200	5,200	RSL	nc	65	141	20	
8260C	Vinyl chloride	75-01-4	µg/L	2	2	0.019	0.19	42	2	WQCC		58	137	20	
8260C	*1,2-Dichloroethane-d4 (Surrogate)* [6]	17060-07-0	%						NA			81	118	20	
8260C	*Toluene d8 (Surrogate)* [6]	2037-26-5	%						NA			89	112	20	
8260C	*Dibromofluoromethane (Surrogate)* [6]	1868-53-7	%						NA			80	119	20	
8260C	*4 Bromofluorobenzene (Surrogate)* [6]	460-00-4	%						NA			85	114	20	
8270D	1,2,4,5-Tetrachlorobenzene	95-94-3	µg/L					0.17	0.17	RSL	nc	35	121	20	
8270D	1,2,4-Trichlorobenzene	120-82-1	µg/L	70	70	1.2	12	4	70	WQCC		29	116	20	
8270D	1,2-Dichlorobenzene	95-50-1	µg/L	600	600			300	600	WQCC		32	111	20	
8270D	1,2-Diphenylhydrazine	122-66-7	µg/L			0.078	0.78		0.78	RSL	c	49	122	20	

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8270D	1,3-Dichlorobenzene (Surrogate *dichlorobenzene, 1,4)*	541-73-1	µg/L	75	75	0.48	4.8	570	75	WQCC		28	110	20	
8270D	1,4-Dichlorobenzene	106-46-7	µg/L	75	75	0.48	4.8	570	75	WQCC		29	112	20	
8270D	2,2-Oxybis(1-chloropropane)	108-60-1	µg/L					710	710	RSL	nc	37	130	20	bis-(2-chloroisopropyl) ether
8270D	2,3,4,6-Tetrachlorophenol	58-90-2	µg/L					240	240	RSL	nc	50	128	20	
8270D	2,4,5-Trichlorophenol	95-95-4	µg/L					1,200	1,200	RSL	nc	53	123	20	
8270D	2,4,6-Trichlorophenol	88-06-2	µg/L			4.1	41	12	12	RSL	nc	50	125	20	
8270D	2,4-Dichlorophenol	120-83-2	µg/L					46	46	RSL	nc	47	121	20	
8270D	2,4-Dimethylphenol	105-67-9	µg/L					360	360	RSL	nc	31	124	20	
8270D	2,4-Dinitrophenol	51-28-5	µg/L					39	39	RSL	nc	23	143	20	
8270D	2,4-Dinitrotoluene	121-14-2	µg/L			0.24	2.4	38	2.4	RSL	c	57	128	20	
8270D	2,6-Dichlorophenol *(Surrogate dichlorophenol, 2,4)*	87-65-0	µg/L					46	46	RSL	nc	50	118	20	
8270D	2,6-Dinitrotoluene	606-20-2	µg/L			0.049	0.49	5.7	0.49	RSL	c	57	124	20	8270 and 8330
8270D	2-Chloronaphthalene	91-58-7	µg/L					750	750	RSL	nc	40	116	20	
8270D	2-Chlorophenol	95-57-8	µg/L					91	91	RSL	nc	38	117	20	
8270D	2-Methylnaphthalene	91-57-6	µg/L		30			36	30	WQCC		40	121	20	
8270D	2-Methylphenol	95-48-7	µg/L					930	930	RSL	nc	30	117	20	
8270D	2-Nitroaniline	88-74-4	µg/L					190	190	RSL	nc	55	127	20	
8270D	2-Nitrophenol	88-75-5	µg/L						NS			47	123	20	
8270D	3-Methylphenol	108-39-4	µg/L					930	930	RSL	nc	29	110	20	4-methylphenol (**)
8270D	4-Methylphenol	106-44-5	µg/L					370	370	RSL	nc	29	110	20	4-methylphenol (**)
8270D	3,3-Dichlorobenzidine	91-94-1	µg/L			0.13	1.3		1.3	RSL	c	27	129	20	
8270D	3-Nitroaniline *(Surrogate 4-nitroaniline)*	99-09-2	µg/L			3.8	38	78	38	RSL	c	41	128	20	
8270D	4,6-Dinitro-2-methylphenol	534-52-1	µg/L					1.5	1.5	RSL	nc	44	137	20	
8270D	4-Bromophenyl phenyl ether	101-55-3	µg/L						NS			55	124	20	
8270D	4-Chloro-3-methylphenol	59-50-7	µg/L					1,400	1,400	RSL	nc	52	119	20	
8270D	4-Chloroaniline	106-47-8	µg/L			0.37	3.7	9.5	3.7	RSL	c	33	117	20	
8270D	4-Chlorophenyl phenyl ether	7005-72-3	µg/L						NS			53	121	20	
8270D	4-Nitroaniline	100-01-6	µg/L			3.8	38	78	38	RSL	c	60	130	20	
8270D	4-Nitrophenol *(Surrogate 2-chlorophenol)*	100-02-7	µg/L					91	91	RSL	nc	40	140	20	
8270D	Acenaphthene	83-32-9	µg/L					530	530	RSL	nc	47	122	20	
8270D	Acenaphthylene	208-96-8	µg/L						NS			41	130	20	
8270D	Anthracene	120-12-7	µg/L					1,800	1,800	RSL	nc	57	123	20	
8270D	Benzaldehyde	100-52-7	µg/L			19	190	1,900	190	RSL	c	30	160	20	
8270D	Benzidine	92-87-5	µg/L			0.00011	0.0011	59	0.0011	RSL	c	30	160	20	
8270D	Benzo[a]anthracene	56-55-3	µg/L			0.03	0.3		0.3	RSL	c	58	125	20	
8270D	Benzo[a]pyrene	50-32-8	µg/L	0.2	0.2	0.025	0.25	6	0.2	WQCC		54	128	20	
8270D	Benzo[b]fluoranthene	205-99-2	µg/L			0.25	2.5		2.5	RSL	c	53	131	20	

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8270D	Benzo[g,h,i]perylene	191-24-2	µg/L						NS			50	134	20	
8270D	Benzo[k]fluoranthene	207-08-9	µg/L			2.5	25		25	RSL	c	57	129	20	
8270D	Benzoic acid	65-85-0	µg/L					75,000	75,000	RSL	nc	50	130	20	
8270D	Benzyl alcohol	100-51-6	µg/L					2,000	2,000	RSL	nc	31	112	20	
8270D	bis-(2-Chloroethoxy)methane	111-91-1	µg/L					59	59	RSL	nc	48	120	20	
8270D	bis-(2-Chloroethyl)ether	111-44-4	µg/L			0.014	0.14		0.14	RSL	c	43	118	20	
8270D	bis-(2-Ethylhexyl)phthalate	117-81-7	µg/L	6		5.6	56	400	6	MCL		55	135	20	
8270D	Butyl benzyl phthalate	85-68-7	µg/L			16	160	1,700	160	RSL	c	53	134	20	
8270D	Caprolactam	105-60-2	µg/L					9,900	9,900	RSL	nc	30	160	20	
8270D	Carbazole *(Surrogate fluorene)*	86-74-8	µg/L					290	290	RSL	nc	60	122	20	
8270D	Chrysene	218-01-9	µg/L			25	250		250	RSL	c	59	123	20	
8270D	Dibenz(a,h)anthracene	53-70-3	µg/L			0.025	0.25		0.25	RSL	c	51	134	20	
8270D	Dibenzofuran	132-64-9	µg/L					7.9	7.9	RSL	nc	53	118	20	
8270D	Diethyl phthalate	84-66-2	µg/L					15,000	15,000	RSL	nc	56	125	20	
8270D	Dimethyl phthalate	131-11-3	µg/L						NS			45	127	20	
8270D	Di-n-butyl phthalate	84-74-2	µg/L					900	900	RSL	nc	59	127	20	
8270D	Di-n-octyl phthalate	117-84-0	µg/L					200	200	RSL	nc	51	140	20	
8270D	Fluoranthene	206-44-0	µg/L					800	800	RSL	nc	57	128	20	
8270D	Fluorene	86-73-7	µg/L					290	290	RSL	nc	52	124	20	
8270D	Hexachlorobenzene	118-74-1	µg/L	1		0.0098	0.098	0.2	1	MCL		53	125	20	
8270D	Hexachlorobutadiene	87-68-3	µg/L			0.14	1.4	6.5	1.4	RSL	c	22	124	20	8260 and 8270
8270D	Hexachlorocyclopentadiene	77-47-4	µg/L	50				0.41	50	MCL		10	130	20	
8270D	Hexachloroethane	67-72-1	µg/L			0.33	3.3	6.2	3.3	RSL	c	21	115	20	
8270D	Indeno(1,2,3-cd)pyrene	193-39-5	µg/L			0.25	2.5		2.5	RSL	c	52	134	20	
8270D	Isophorone	78-59-1	µg/L			78	780	3,800	780	RSL	c	42	124	20	
8270D	Naphthalene	91-20-3	µg/L		30	0.12	1.2	6.1	30	WQCC		40	121	20	
8270D	Nitrobenzene	98-95-3	µg/L			0.14	1.4	13	1.4	RSL	c	45	121	20	
8270D	N-Nitrosodimethylamine	62-75-9	µg/L			0.00011	0.0011	0.055	0.0011	RSL	c	40	130	20	
8270D	N-Nitrosodi-n-propylamine	621-64-7	µg/L			0.011	0.11		0.11	RSL	c	49	119	20	
8270D	N-Nitrosodiphenylamine	86-30-6	µg/L			12	120		120	RSL	c	51	123	20	
8270D	Pentachlorophenol	87-86-5	µg/L	1	1	0.041	0.41	23	1	WQCC		35	138	20	
8270D	Phenanthrene	85-01-8	µg/L						170	NMED RAG[5]		59	120	20	
8270D	Phenol	108-95-2	µg/L		5			5,800	5	WQCC		50	130	20	
8270D	Pyrene	129-00-0	µg/L					120	120	RSL	nc	57	126	20	
8270D	*2,4,6-Tribromophenol (Surrogate)* [6]	118-79-6	%						NA			43	140	20	
8270D	*2-Fluorobiphenyl (Surrogate)* [6]	321-60-8	%						NA			44	119	20	
8270D	*2-Fluorophenol (Surrogate)* [6]	367-12-4	%						NA			19	119	20	
8270D	*Nitrobenzene-d5 (Surrogate)* [6]	4165-60-0	%						NA			44	120	20	

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS
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Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	Nov. 2022 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	Nov. 2022 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	Nov. 2022 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	Nov. 2022 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD LOWER CONTROL LIMITS	LCS, MS/MSD UPPER CONTROL LIMITS	% RPD	NOTES
8270D	*Terphenyl-d14 (Surrogate)* [6]	1718-51-0	%						NA			50	134	20	
8270D	*Phenol-d5 (Surrogate)* [6]	4165-62-2	%						NA			40	130	20	
8270-SIM	1,4-Dioxane	123-91-1	µg/L			0.46	4.6	57	4.6	RSL	c	40	140	20	
8330B	1,3,5-Trinitrobenzene	99-35-4	µg/L					590	590	RSL	nc	73	125	30	1,3,5-TNB
8330B	1,3-Dinitrobenzene	99-65-0	µg/L					2	2	RSL	nc	78	120	30	1,3-DNB
8330B	2,4,6-Trinitrotoluene	118-96-7	µg/L			2.5	25	9.8	9.8	RSL	nc	71	123	30	
8330B	2,4-Dinitrotoluene	121-14-2	µg/L			0.24	2.4	38	2.4	RSL	c	78	120	30	2,4-DNT
8330B	2,6-Dinitrotoluene	606-20-2	µg/L			0.049	0.49	5.7	0.49	RSL	c	77	127	30	8270 and 8330, 2,6-DNT
8330B	2-Amino-4,6-dinitrotoluene	35572-78-2	µg/L					1.9	1.9	RSL	nc	79	120	30	2-AM-4,6-DNT
8330B	3,5-Dinitroaniline *(Surrogate 4-nitroaniline)*	618-87-1	µg/L					7.7	7.7	RSL	nc	71	117	30	
8330B	4-Amino-2,6-dinitrotoluene	19406-51-0	µg/L					1.9	1.9	RSL	nc	76	125	30	4-AM-2,6-DNT
8330B	Octahydrò-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	µg/L					1,000	1,000	RSL	nc	65	135	30	
8330B	m-Nitrotoluene	99-08-1	µg/L					1.7	1.7	RSL	nc	73	125	30	3-nitrotoluene
8330B	Nitrobenzene	98-95-3	µg/L			0.14	1.4	13	1.4	RSL	c	65	134	30	
8330B	Nitroglycerin	55-63-0	µg/L			4.5	45	2	2	RSL	nc	74	127	30	
8330B	o-Nitrotoluene	88-72-2	µg/L			0.31	3.1	16	3.1	RSL	c	70	127	30	2-nitrotoluene
8330B	Pentaerythritol tetranitrate (PETN)	78-11-5	µg/L			17	170	170	170	RSL	nc	73	127	30	
8330B	p-Nitrotoluene	99-99-0	µg/L			4.3	43	71	43	RSL	c	71	127	30	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	30	
8330B	Trinitrophenylmethylnitramine (Tetryl)	479-45-8	µg/L					39	39	RSL	nc	64	128	30	
8330B	*3,4-Dinitrotoluene (Surrogate)* [6]	610-39-9	%						NA			60	140	30	
9056A	Nitrate as N	14797-55-8	mg/L	10	10			32	10	WQCC		88	111	15	
9056A	Nitrite as N	14797-65-0	mg/L	1	1			2	1	MCL		87	111	15	
9056A	Fluoride	16984-48-8	mg/L	4	1.6			0.8	1.6	WQCC		88	112	15	
9056A	Chloride	16887-00-6	mg/L		250				250	WQCC		87	111	15	
9056A	Sulfate	14808-79-8	mg/L		600				600	WQCC		87	112	15	
9056A	Phosphate	14265-44-2	mg/L									80	116	15	
9056A	Bromide	24959-67-9	mg/L									91	110	15	
8081B	4,4-DDD	72-54-8	µg/L			0.032	0.32	1.1	0.32	RSL	c	56	143	30	
8081B	4,4-DDE	72-55-9	µg/L			0.046	0.46	10	0.46	RSL	c	57	135	30	
8081B	4,4-DDT	50-29-3	µg/L			0.23	2.3	10	2.3	RSL	c	51	143	30	
8081B	Aldrin	309-00-2	µg/L			0.00092	0.0092	0.6	0.0092	RSL	c	45	134	30	
8081B	alpha-BHC	319-84-6	µg/L			0.0072	0.072	97	0.072	RSL	c	54	138	30	

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS
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METHOD	ANALYTE	CAS	UNITS	Nov. 2022 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	Nov. 2022 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	Nov. 2022 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	Nov. 2022 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD LOWER CONTROL LIMITS	LCS, MS/MSD UPPER CONTROL LIMITS	% RPD	NOTES
8081B	alpha-Chlordane	5103-71-9	µg/L	2				3.6	2	MCL		60	129	30	
8081B	beta-BHC	319-85-7	µg/L			0.025	0.25		0.25	RSL	c	56	136	30	
8081B	delta-BHC	319-86-8	µg/L							NS		52	142	30	
8081B	Dieldrin	60-57-1	µg/L			0.0018	0.018	0.38	0.018	RSL	c	60	136	30	
8081B	Endosulfan I	959-98-8	µg/L					100	100	RSL	nc	62	126	30	
8081B	Endosulfan II	33213-65-9	µg/L					100	100	RSL	nc	52	135	30	
8081B	Endosulfan sulfate	1031-07-8	µg/L					110	110	RSL	nc	62	133	30	
8081B	Endrin	72-20-8	µg/L	2				2.3	2	MCL		60	138	30	
8081B	Endrin aldehyde *(Surrogate Endrin)*	7421-93-4	µg/L	2				2.3	2	MCL		51	132	30	
8081B	Endrin ketone *(Surrogate Endrin)*	53494-70-5	µg/L	2				2.3	2	MCL		58	134	30	
8081B	gamma-BHC (Lindane)	58-89-9	µg/L	0.2		0.042	0.42	0.12	0.2	MCL		59	134	30	
8081B	gamma-Chlordane	5103-74-2	µg/L	2				10	2	MCL		56	136	30	
8081B	Heptachlor	76-44-8	µg/L	0.4		0.0014	0.014	0.26	0.4	MCL		54	130	30	
8081B	Heptachlor epoxide	1024-57-3	µg/L	0.2		0.0014	0.014	0.12	0.2	MCL		61	133	30	
8081B	Methoxychlor	72-43-5	µg/L	40				37	40	MCL		54	145	30	
8081B	Toxaphene	8001-35-2	µg/L	3		0.071	0.71	1.8	3	MCL		33	134	30	
8081B	*Tetrachloro-m-Xylene (Surrogate)* [6]	877-09-8	µg/L						NA			44	124	30	
8081B	*Decachlorobiphenyl (Surrogate)* [6]	2051-24-3	µg/L						NA			30	135	30	
8082	PCBs, Total	1336-36-3	µg/L	0.5	0.5				0.5	WQCC					
8082	PCB-1016	12674-11-2	µg/L			0.22	2.2	1.4	1.4	RSL	nc	46	129	30	
8082	PCB-1221	11104-28-2	µg/L			0.0047	0.047		0.047	RSL	c				
8082	PCB-1232	11141-16-5	µg/L			0.0047	0.047		0.047	RSL	c				
8082	PCB-1242	53469-21-9	µg/L			0.0078	0.078		0.078	RSL	c				
8082	PCB-1248	12672-29-6	µg/L			0.0078	0.078		0.078	RSL	c				
8082	PCB-1254	11097-69-1	µg/L			0.0078	0.078	0.4	0.078	RSL	c				
8082	PCB-1260	11096-82-5	µg/L			0.0078	0.078		0.078	RSL	c	45	134	30	
8082	*Decachlorobiphenyl (Surrogate)* [6]	2051-24-3	µg/L						NA			40	135	30	
8151A	2,4-D	94-75-7	µg/L	70				170	70	MCL		45	152	30	
8151A	2,4-DB	94-82-6	µg/L						NS			35	153	30	
8151A	2,4,5-T	93-76-5	µg/L					160	160	RSL	nc	42	147	30	
8151A	2,4,5-TP (Silvex)	93-72-1	µg/L	50				110	50	MCL		51	134	30	
8151A	Dalapon	75-99-0	µg/L	200				600	200	MCL		19	139	30	
8151A	Dicamba	1918-00-9	µg/L					570	570	RSL	nc	50	141	30	
8151A	Dichloroprop	120-36-5	µg/L						NS			46	159	30	
8151A	Dinoseb	88-85-7	µg/L	7				15	7	MCL		20	100	30	

TABLE 3-1: GROUNDWATER SCREENING LEVELS AND CONTROL LIMITS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

METHOD	ANALYTE	CAS	UNITS	Nov. 2022 EPA MCL [1]	Dec. 21, 2018 20.6.2 NMAC NM WQCC [2]	Nov. 2022 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-6})	Nov. 2022 EPA RSL CANCER TAP WATER (target excess cancer risk level of 10^{-5})	Nov. 2022 EPA RSL NONCANCER TAP WATER	FINAL SELECTED SL [3]	FINAL SELECTED SL REFERENCE	RISK ENDPOINT c/nc	LCS, MS/MSD LOWER CONTROL LIMITS	LCS, MS/MSD UPPER CONTROL LIMITS	% RPD	NOTES
8151A	MCPA	94-74-6	µg/L					7.5	7.5	RSL	nc	35	144	30	
8151A	*2,4-Dichlorophenylacetic Acid (Surrogate)* [6]	94-75-7	µg/L						NA			32	138	30	

NOTES:

[1] Fort Wingate Depot Activity (FWDA) Cleanup Standard by U.S. Environmental Protection Agency (EPA), Drinking Water Primary Maximum Contaminant Level (MCL) per 40 Code of Federal Regulations Sections 141 and 143.

[2] FWDA Cleanup Standard by 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] 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).

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

[6] Analyte is a laboratory surrogate used in analytical procedures and risk in groundwater is not evaluated.

ABBREVIATIONS & ACRONYMS:

% = percent
c = carcinogenic risk endpoint
CAS = Chemical Abstract Service registry number
DL = detection limit
LOD = limit of detection
LOQ = limit of quantitation
LCL = lower confidence limit
µg/L = micrograms per liter
MCL = U.S. Environmental Protection Agency Maximum Contaminant Level (Primary or Secondary)
mg/L = milligrams per liter
MS = matrix spike
MSD = matrix spike duplicate
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
UCL = upper confidence limit
WQCC = New Mexico Water Quality Control Commission standard

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS

Groundwater Periodic Monitoring Report — January through June 2023
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)
BGMW01	Alluvial	2.41	12.5-32.5	33.0	6,690.82	6,693.23	Jan-23	18.51	20.92	6,672.31
							Apr-23	17.77	20.18	6,673.05
BGMW02	Alluvial	2.84	13.5-33.5	34.0	6,689.73	6,692.57	Jan-23	20.21	23.05	6,669.52
							Apr-23	19.59	22.43	6,670.14
BGMW03	Alluvial	2.77	8.5-28.5	29.0	6,676.63	6,679.39	Jan-23	15.16	17.93	6,661.46
							Apr-23	14.77	17.54	6,661.85
BGMW11	Alluvial	2.29	20-40	40.0	6,653.27	6,655.56	Jan-23	16.68	18.97	6,636.59
							Apr-23	15.83	18.12	6,637.44
BGMW12	Alluvial	2.81	12-32	32.0	6,692.40	6,695.21	Jan-23	18.10	20.91	6,674.30
							Apr-23	17.31	20.12	6,675.09
BGMW13S	Alluvial	2.92	49-69	69.0	6,659.05	6,661.97	Jan-23	18.78	21.70	6,640.27
							Apr-23	18.23	21.15	6,640.82
BGMW13D	Alluvial	2.75	84-104	104.0	6,659.08	6,661.83	Jan-23	18.04	20.79	6,641.04
							Apr-23	17.75	20.50	6,641.33
FW31	Alluvial	1.74	10.0-50.0	50.0	6,830.96	6,832.70	Jan-23	42.02	43.76	6,788.94
							Apr-23	41.96	43.70	6,789.00
FW35	Alluvial	2.18	10.0-30.0	30.0	6,709.13	6,711.31	Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
MW01	Alluvial	-0.19	33.6-53.6	55.0	6,686.98	6,686.79	Jan-23	44.66	44.47	6,642.32
							Apr-23	44.62	44.43	6,642.36
MW02	Alluvial	-0.46	37.0-47.0	48.0	6,685.60	6,685.13	Jan-23	43.30	42.84	6,642.29
							Apr-23	43.23	42.77	6,642.36
MW03	Alluvial	2.45	43.0-53.0	53.0	6,687.81	6,690.26	Jan-23	45.42	47.87	6,642.39
							Apr-23	45.19	47.64	6,642.62
MW18D	Alluvial	1.81	47.0-57.0	59.9	6,685.30	6,687.11	Jan-23	43.88	45.69	6,641.42
							Apr-23	43.52	45.33	6,641.78
MW18S	Alluvial	1.96	27.0-37.0	39.0	6,685.30	6,687.26	Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
MW20	Alluvial	2.51	47.0-57.0	59.4	6,685.84	6,688.35	Jan-23	44.83	47.34	6,641.01
							Apr-23	44.77	47.28	6,641.07
MW22D	Alluvial	2.06	47.0-57.0	58.6	6,683.28	6,685.34	Jan-23	42.50	44.56	6,640.78
							Apr-23	42.38	44.44	6,640.90
MW22S	Alluvial	2.05	31.0-41.0	43.5	6,683.28	6,685.33	Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
MW23	Alluvial	2.10	63.5-133.5	134.0	6,652.99	6,655.09	Jan-23	13.05	15.15	6,639.94
							Apr-23	12.47	14.57	6,640.52
MW24	Alluvial	1.85	16.0-66.0	66.5	6,655.72	6,657.57	Jan-23	18.77	20.62	6,636.95
							Apr-23	17.30	19.15	6,638.42
MW25	Alluvial	2.87	45.5-65.5	65.5	6,676.18	6,679.05	Jan-23	39.22	42.09	6,636.96
							Apr-23	38.83	41.70	6,637.35
MW26	Alluvial	2.97	40-60	60.0	6,670.96	6,673.93	Jan-23	35.93	38.90	6,635.03
							Apr-23	35.51	38.48	6,635.45
MW27	Alluvial	2.46	43-63	63.0	6,690.94	6,693.40	Jan-23	48.59	51.05	6,642.35
							Apr-23	48.58	51.04	6,642.36
MW28	Alluvial	2.66	40-60	60.0	6,689.51	6,692.17	Jan-23	46.88	49.54	6,642.63
							Apr-23	46.85	49.51	6,642.66
MW29	Alluvial	2.65	37-57	57.0	6,684.49	6,687.14	Jan-23	42.38	45.03	6,642.11
							Apr-23	42.35	45.00	6,642.14
MW30	Alluvial	2.75	40-60	60.0	6,686.83	6,689.57	Jan-23	44.46	47.21	6,642.36
							Apr-23	44.25	47.00	6,642.57
MW31	Alluvial	2.68	36-56	56.0	6,681.76	6,684.45	Jan-23	41.31	43.99	6,640.46
							Apr-23	41.05	43.73	6,640.72
MW32	Alluvial	2.54	40-60	60.0	6,684.84	6,687.37	Jan-23	44.55	47.09	6,640.28
							Apr-23	44.36	46.90	6,640.47
MW33	Alluvial	3.01	37-57	57.0	6,675.98	6,679.00	Jan-23	42.46	45.47	6,633.53
							Apr-23	42.13	45.14	6,633.86
MW34	Alluvial	2.88	40-60	60.0	6,672.91	6,675.80	Jan-23	40.73	43.61	6,632.19
							Apr-23	40.35	43.23	6,632.57
MW35	Alluvial	2.42	41-61	61.0	6,708.96	6,711.38	Jan-23	32.89	35.31	6,676.07
							Apr-23	32.70	35.12	6,676.26
MW36S	Alluvial	2.77	30-50	50.0	6,653.54	6,656.31	Jan-23	19.34	22.11	6,634.20
							Apr-23	18.71	21.48	6,634.83
MW36D	Alluvial	2.75	55-75	75.0	6,653.48	6,656.23	Jan-23	13.74	16.49	6,639.74
							Apr-23	13.41	16.16	6,640.07
MW37	Alluvial	2.68	25-45	45.0	6,663.34	6,666.02	Jan-23	27.87	30.55	6,635.47
							Apr-23	27.32	30.00	6,636.02
MW38	Alluvial	2.43	30-50	50.0	6,665.48	6,667.91	Jan-23	32.35	34.78	6,633.13
							Apr-23	31.94	34.37	6,633.54
MW39	Alluvial	2.60	30-50	50.0	6,670.64	6,673.24	Jan-23	35.75	38.35	6,634.89
							Apr-23	35.45	38.05	6,635.19

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS

Groundwater Periodic Monitoring Report — January through June 2023
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)
SMW01	Alluvial	1.37	29.9-49.9	50.2	6,668.68	6,670.05	Jan-23	32.92	34.29	6,635.76
							Apr-23	32.51	33.88	6,636.17
TMW01	Alluvial	1.72	44.0-59.0	60.0	6,710.79	6,712.50	Jan-23	43.27	44.99	6,667.51
							Apr-23	43.23	44.95	6,667.55
TMW02	Alluvial	1.53	67.9-81.9	85.0	6,704.51	6,706.03	Jan-23	55.72	57.25	6,648.78
							Apr-23	55.63	57.16	6,648.87
TMW03	Alluvial	1.87	49.8-69.8	70.1	6,701.35	6,703.22	Jan-23	56.83	58.70	6,644.52
							Apr-23	56.78	58.65	6,644.57
TMW04	Alluvial	1.80	50.0-70.0	70.5	6,699.85	6,701.65	Jan-23	56.04	57.84	6,643.81
							Apr-23	55.61	57.41	6,644.24
TMW06	Alluvial	1.47	45.0-55.0	57.0	6,689.87	6,691.34	Jan-23	47.15	48.62	6,642.72
							Apr-23	46.88	48.35	6,642.99
TMW07	Alluvial	1.38	65.0-75.0	76.0	6,689.84	6,691.23	Jan-23	46.34	47.72	6,643.51
							Apr-23	45.90	47.28	6,643.95
TMW08	Alluvial	1.49	30.0-60.0	62.0	6,679.56	6,681.05	Jan-23	37.32	38.81	6,642.24
							Apr-23	37.11	38.60	6,642.45
TMW10	Alluvial	1.91	28.0-58.0	65.0	6,678.85	6,680.76	Jan-23	38.25	40.16	6,640.60
							Apr-23	37.90	39.81	6,640.95
TMW11	Alluvial	1.80	55.0-80.0	82.0	6,717.32	6,719.13	Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
TMW13	Alluvial	1.46	60.7-70.7	72.5	6,706.75	6,708.21	Jan-23	61.26	62.72	6,645.49
							Apr-23	61.28	62.74	6,645.47
TMW15	Alluvial	2.97	56.0-71.0	82.0	6,711.71	6,714.68	Jan-23	65.17	68.14	6,646.54
							Apr-23	65.25	68.22	6,646.46
TMW21	Alluvial	2.11	48.0-58.0	72.0	6,693.75	6,695.86	Jan-23	50.39	52.50	6,643.36
							Apr-23	50.30	52.41	6,643.45
TMW22	Alluvial	1.61	52.0-62.0	77.0	6,690.90	6,692.51	Jan-23	47.78	49.39	6,643.12
							Apr-23	47.50	49.11	6,643.40
TMW23	Alluvial	2.11	46.0-56.0	72.0	6,686.50	6,688.61	Jan-23	43.98	46.09	6,642.52
							Apr-23	43.72	45.83	6,642.78
TMW24	Alluvial	1.74	44.0-54.0	75.0	6,679.40	6,681.14	Jan-23	36.49	38.23	6,642.91
							Apr-23	36.19	37.93	6,643.21
TMW25	Alluvial	1.56	42.5-52.5	74.0	6,671.61	6,673.17	Jan-23	38.73	40.29	6,632.88
							Apr-23	38.30	39.86	6,633.31
TMW26	Alluvial	2.64	45.0-55.0	64.8	6,675.79	6,678.43	Jan-23	26.66	29.49	6,648.94
							Apr-23	26.72	29.55	6,648.88
TMW27	Alluvial	2.11	60.0-70.0	102.2	6,666.40	6,668.51	Jan-23	27.06	29.74	6,638.77
							Apr-23	26.87	29.55	6,638.96
TMW28	Alluvial	2.27	37.0-47.0	72.5	6,688.08	6,690.35	Jan-23	18.97	21.24	6,669.11
							Apr-23	15.55	17.82	6,672.53
TMW29	Alluvial	2.48	49.0-59.0	69.0	6,701.36	6,703.84	Jan-23	56.74	59.22	6,644.62
							Apr-23	56.73	59.21	6,644.63
TMW31S	Alluvial	1.26	50.0-60.0	61.0	6,710.19	6,711.45	Jan-23	42.79	44.05	6,667.40
							Apr-23	42.64	43.90	6,667.55
TMW33	Alluvial	2.37	37.0-57.0	60.4	6,685.07	6,687.45	Jan-23	43.88	46.25	6,641.20
							Apr-23	43.66	46.03	6,641.42
TMW34	Alluvial	2.61	37.0-57.0	57.3	6,685.75	6,688.36	Jan-23	44.86	47.47	6,640.89
							Apr-23	44.71	47.32	6,641.04
TMW35	Alluvial	2.30	35.0-55.0	55.0	6,685.52	6,687.82	Jan-23	45.17	47.47	6,640.35
							Apr-23	43.93	46.23	6,641.59
TMW39S	Alluvial	1.56	32.5-52.5	53.0	6,706.69	6,708.25	Jan-23	39.46	41.02	6,667.23
							Apr-23	39.35	40.91	6,667.34
TMW40S	Alluvial	2.61	50.0-60.0	60.5	6,704.37	6,706.98	Jan-23	59.43	62.04	6,644.94
							Apr-23	59.14	61.75	6,645.23
TMW41	Alluvial	1.59	55.5-65.5	66.0	6,704.15	6,705.74	Jan-23	43.09	44.68	6,661.06
							Apr-23	42.85	44.44	6,661.30
TMW43	Alluvial	3.11	58.0-78.0	78.5	6,696.21	6,699.32	Jan-23	51.90	55.01	6,644.31
							Apr-23	51.80	54.91	6,644.41
TMW44	Alluvial	2.50	43.5-63.5	64.0	6,695.49	6,697.99	Jan-23	51.49	53.99	6,644.00
							Apr-23	51.21	53.71	6,644.28
TMW45	Alluvial	2.46	38.5-58.5	59.0	6,687.14	6,689.60	Jan-23	44.89	47.35	6,642.25
							Apr-23	44.59	47.05	6,642.55
TMW46	Alluvial	1.94	38.5-58.5	59.0	6,679.41	6,681.34	Jan-23	44.14	46.08	6,635.26
							Apr-23	43.76	45.70	6,635.64
TMW47	Alluvial	2.60	82.5-102.5	103.0	6,699.87	6,702.47	Jan-23	45.59	48.19	6,654.28
							Apr-23	45.62	48.22	6,654.25

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS

Groundwater Periodic Monitoring Report — January through June 2023
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	Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
TMW56	Alluvial	2.88	30-50	50.0	6,705.44	6,708.32	Jan-23	49.34	52.22	6,656.10
							Apr-23	49.43	52.31	6,656.01
TMW57	Alluvial	2.43	60-70	70.0	6,710.76	6,713.19	Jan-23	64.70	67.13	6,646.06
							Apr-23	64.76	67.19	6,646.00
TMW59	Alluvial	2.53	42-62	62.0	6,690.38	6,692.90	Jan-23	47.09	49.62	6,643.28
							Apr-23	47.00	49.53	6,643.37
TMW60	Alluvial	2.50	46-66	66.0	6,694.17	6,696.66	Jan-23	Dry	Dry	Dry
							Apr-23	Dry	Dry	Dry
TMW61	Alluvial	2.55	41-61	61.0	6,684.51	6,687.07	Jan-23	42.15	44.70	6,642.37
							Apr-23	41.89	44.44	6,642.63
TMW62	Alluvial	2.56	40-60	60.0	6,691.39	6,693.95	Jan-23	48.30	50.86	6,643.09
							Apr-23	48.28	50.84	6,643.11
PZ01	Alluvial	2.57	23.1-43.1	43.1	6,675.61	6,678.18	Jan-23	27.14	29.71	6,648.47
							Apr-23	26.90	29.47	6,648.71
PZ02	Alluvial	2.41	30.3-50.3	50.7	6,673.57	6,675.99	Jan-23	23.60	26.01	6,649.98
							Apr-23	23.25	25.66	6,650.33
PZ03	Alluvial	2.54	26.7-46.7	46.9	6,677.91	6,680.45	Jan-23	25.26	27.80	6,652.65
							Apr-23	24.84	27.38	6,653.07
PZ04	Alluvial	2.54	26.8-46.8	47.0	6,675.26	6,677.80	Jan-23	28.11	30.65	6,647.15
							Apr-23	27.78	30.32	6,647.48
PZ05	Alluvial	2.67	26.0-46.0	46.3	6,672.50	6,675.17	Jan-23	20.01	22.68	6,652.49
							Apr-23	19.26	21.93	6,653.24
PZ06	Alluvial	2.73	26.5-46.5	46.7	6,674.47	6,677.19	Jan-23	18.02	20.75	6,656.44
							Apr-23	16.99	19.72	6,657.47
PZ07	Alluvial	2.46	10.6-30.6	30.5	6,683.24	6,685.70	Jan-23	15.46	17.92	6,667.78
							Apr-23	2.91	5.37	6,680.33
PZ08	Alluvial	2.91	26.3-46.3	46.6	6,685.03	6,687.93	Jan-23	18.45	21.36	6,666.57
							Apr-23	6.07	8.98	6,678.95
PZ09	Alluvial	2.30	18.1-33.1	33.5	6,652.37	6,654.66	Jan-23	15.17	17.47	6,637.19
							Apr-23	14.15	16.45	6,638.21
PZ10	Alluvial	2.39	31.0-46.0	46.3	6,655.92	6,658.31	Jan-23	18.89	21.28	6,637.03
							Apr-23	17.91	20.30	6,638.01
BGMW07	Bedrock	0.00	215.0-255.0	256.0	6,689.77	6,692.03	Jan-23	17.81	17.81	6,674.22
							Apr-23	17.68	17.68	6,674.35
BGMW08	Bedrock	1.71	165.0-185.0	186.0	6,681.72	6,683.42	Jan-23	160.72	162.43	6,520.99
							Apr-23	132.75	134.46	6,548.96
BGMW09	Bedrock	2.18	106.0-136.0	173.0	6,689.83	6,692.01	Jan-23	45.31	47.49	6,644.52
							Apr-23	44.78	46.96	6,645.05
BGMW10	Bedrock	2.33	106.0-136.0	147.0	6,699.50	6,701.83	Jan-23	31.50	33.83	6,668.00
							Apr-23	31.48	33.81	6,668.02
TMW14A	Bedrock	2.20	94.3-109.3	110.0	6,722.53	6,724.73	Jan-23	66.07	68.27	6,656.46
							Apr-23	65.92	68.12	6,656.61
TMW16	Bedrock	2.48	123.0-138.0	142.0	6,712.72	6,715.21	Jan-23	57.93	60.41	6,654.80
							Apr-23	57.43	59.91	6,655.30
TMW17	Bedrock	2.55	112.0-127.0	152.0	6,718.53	6,721.07	Jan-23	63.29	65.84	6,655.23
							Apr-23	63.28	65.83	6,655.24
TMW18	Bedrock	3.08	150.0-160.0	220.0	6,711.48	6,714.56	Jan-23	55.83	58.91	6,655.65
							Apr-23	55.72	58.80	6,655.76
TMW19	Bedrock	2.74	169.0-184.0	187.0	6,698.93	6,701.67	Jan-23	44.36	47.10	6,654.57
							Apr-23	44.08	46.82	6,654.85
TMW30	Bedrock	2.24	35.0-45.0	51.5	6,713.42	6,715.66	Jan-23	38.38	40.62	6,675.04
							Apr-23	38.37	40.61	6,675.05
TMW31D	Bedrock	1.80	77.0-107.0	111.5	6,710.19	6,711.99	Jan-23	42.56	44.36	6,667.63
							Apr-23	42.51	44.31	6,667.68
TMW32	Bedrock	1.85	117.0-137.0	139.1	6,709.03	6,710.88	Jan-23	43.48	45.33	6,665.55
							Apr-23	43.78	45.63	6,665.25
TMW36	Bedrock	1.66	132.0-152.0	157.0	6,700.57	6,702.23	Jan-23	32.68	34.34	6,667.89
							Apr-23	32.52	34.18	6,668.05
TMW37	Bedrock	2.09	88.0-108.0	111.0	6,712.15	6,714.25	Jan-23	48.81	50.90	6,663.35
							Apr-23	48.88	50.97	6,663.28
TMW38	Bedrock	2.59	118.9-158.9	159.5	6,705.03	6,707.62	Jan-23	48.22	50.81	6,656.81
							Apr-23	48.24	50.83	6,656.79
TMW39D	Bedrock	2.06	70.0-100.0	100.5	6,707.08	6,709.14	Jan-23	39.58	41.64	6,667.50
							Apr-23	39.53	41.59	6,667.55

TABLE 4-1: NORTHERN AREA GROUNDWATER ELEVATIONS

Groundwater Periodic Monitoring Report — January through June 2023
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	2.37	135.0-155.0	155.5	6,704.37	6,706.74	Jan-23	36.85	39.22	6,667.52
							Apr-23	36.84	39.21	6,667.53
TMW48	Bedrock	2.08	71.0-91.0	91.5	6,708.29	6,710.37	Jan-23	40.74	42.82	6,667.55
							Apr-23	40.73	42.81	6,667.56
TMW49	Bedrock	2.42	40.0-60.0	60.5	6,716.30	6,718.72	Jan-23	48.14	50.65	6,668.07
							Apr-23	48.08	50.59	6,668.13
TMW50	Bedrock	2.55	55-75	75.0	6,712.47	6,715.02	Jan-23	45.42	47.97	6,667.05
							Apr-23	45.50	48.05	6,666.97
TMW51	Bedrock	2.59	105-125	125.0	6,704.11	6,706.70	Jan-23	36.63	39.22	6,667.48
							Apr-23	36.65	39.24	6,667.46
TMW52	Bedrock	2.66	95-115	115.0	6,701.71	6,704.36	Jan-23	56.18	58.84	6,645.52
							Apr-23	56.08	58.74	6,645.62
TMW53	Bedrock	2.57	107-117	117.0	6,699.77	6,702.34	Jan-23	52.52	55.09	6,647.25
							Apr-23	52.58	55.15	6,647.19
TMW55	Bedrock	2.70	101-121	121.0	6,711.13	6,713.82	Jan-23	51.30	54.00	6,659.82
							Apr-23	51.33	54.03	6,659.79
TMW58	Bedrock	2.75	145-185	185.0	6,700.79	6,703.54	Jan-23	37.23	39.98	6,663.56
							Apr-23	37.27	40.02	6,663.52
TMW63	Bedrock	2.75	140-180	180.0	6,699.83	6,702.58	Jan-23	32.12	34.87	6,667.71
							Apr-23	32.16	34.91	6,667.67
TMW64	Bedrock	2.70	80-100	100.0	6,705.50	6,708.20	Jan-23	37.97	40.67	6,667.53
							Apr-23	37.96	40.66	6,667.54

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 5-1: STABLE GROUNDWATER PARAMETERS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

WELL ID	SCREEN INTERVAL (ft bgs)	PURGED DRY?	SAMPLE DATE	TEMP (°C)	pH (SU)	ORP[a] (mV)	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO[b] (mg/L)	DRAWDOWN[c] (ft)
NORTHERN ALLUVIAL GROUNDWATER ZONE										
BGMW01	12.5 - 32.5	No	4/18/2023	15.63	8.13	90	4.28	11.4	0.00	0.52
BGMW02	13.5 - 33.5	No	4/18/2023	13.38	8.16	91	3.92	96.5	0.00	0.28
BGMW03	8.5 - 28.5	Yes	4/18/2023	13.39	6.43	116	2.64	12.6	1.20	Dry
BGMW11	20 - 40	No	4/19/2023	13.44	8.03	7	5.03	23.1	0.00	10.01
BGMW12	12 - 32	Yes	4/17/2023	16.02	8.02	62	2.09	145	6.10	Dry
BGMW13S	49 - 69	No	4/25/2023	12.98	8.34	-159	1.35	25.3	0.48	8.10
BGMW13D	84 - 104	No	4/25/2023	13.89	8.58	-138	1.20	59.1	6.37	69.90
FW31	10 - 50	Yes	4/26/2023	12.55	7.59	143	2.40	26.1	7.71	Dry
FW35	10 - 30	Dry	Well was dry and was not purged or sampled							
MW01	33.6 - 53.6	Yes	4/18/2023	15.37	7.03	146	3.33	74.8	3.70	Dry
MW02	37 - 47	Yes	4/18/2023	15.97	6.66	144	2.71	514	4.42	Dry
MW03	43 - 53	No	4/20/2023	12.59	7.82	146	5.10	29.9	0.00	0.45
MW18D	47 - 57	No	4/26/2023	19.48	7.21	-100	8.32	54.5	5.69	0.99
MW18S	27 - 37	Dry	Well was dry and was not purged or sampled							
MW20	47 - 57	No	4/26/2023	16.02	7.80	150	15.3	7.4	0.00	0.50
MW22D	48 - 58	No	4/27/2023	14.96	7.83	73	5.25	6.5	0.00	0.20
MW22S	31 - 41	Dry	Well was dry and was not purged or sampled							
MW23	63.5 - 133.5	Yes	4/24/2023	15.19	8.78	-182	1.94	195	6.20	Dry
MW24	16 - 66	No	4/18/2023	12.39	7.69	-157	1.25	11.6	0.72	1.00
MW25	45.5 - 65.5	No	4/21/2023	14.71	6.88	139	5.81	24.5	1.81	1.33
MW26	40 - 60	Yes	4/23/2023	14.34	8.02	10	4.81	>1000	6.60	Dry
MW27	43 - 63	Yes	4/24/2023	16.74	7.84	98	4.42	126	3.21	Dry
MW28	40 - 60	Yes	4/18/2023	17.11	7.87	68	4.39	708	1.49	Dry
MW29	37 - 57	Yes	4/21/2023	13.27	8.06	132	4.03	620	5.65	Dry
MW30	40 - 60	Yes	4/25/2023	15.90	8.61	70	3.95	636	6.15	Dry
MW31	23 - 53	Yes	4/26/2023	15.73	8.05	75	7.34	83.6	7.85	Dry
MW32	40 - 60	Yes	4/17/2023	15.84	7.11	87	6.01	229	6.06	Dry

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Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

WELL ID	SCREEN INTERVAL (ft bgs)	PURGED DRY?	SAMPLE DATE	TEMP (°C)	pH (SU)	ORP[a] (mV)	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO[b] (mg/L)	DRAWDOWN[c] (ft)
MW33	37 - 57	Yes	4/24/2023	13.78	8.38	73	3.05	697	3.54	Dry
MW34	40 - 60	Yes	4/24/2023	13.75	8.17	108	6.41	278	7.14	Dry
MW35	41 - 61	No	4/24/2023	13.92	7.51	80	3.46	253	0.36	13.10
MW36S	30 - 50	Yes	4/24/2023	13.52	7.94	50	9.74	405	0.03	Dry
MW36D	55 - 75	Yes	4/24/2023	13.82	8.61	-181	2.45	277	0.12	Dry
MW37	25 - 45	Yes	4/25/2023	14.12	5.64	59	2.57	>1000	6.36	Dry
MW38	30 - 50	Yes	4/27/2023	14.66	8.38	53	3.25	238	4.97	Dry
MW39	30 - 50	Yes	4/27/2023	13.81	8.87	7	5.76	340	0.73	Dry
SMW01	29.9 - 49.9	No	4/19/2023	11.50	8.80	70	4.71	13.4	1.63	0.50
TMW01	44 - 59	No	4/20/2023	11.28	7.93	176	3.14	14.3	0.00	0.07
TMW02	67.9 - 81.9	No	4/21/2023	12.12	8.44	187	4.95	11.2	0.00	0.01
TMW03	49.8 - 69.8	No	4/24/2023	14.18	8.30	102	4.56	7.1	0.00	0.20
TMW04	50 - 70	No	4/21/2023	11.24	8.27	159	4.12	20.4	0.00	0.87
TMW06	45 - 55	No	4/26/2023	12.37	8.15	144	3.93	9.0	0.00	0.56
TMW07	57 - 67	Yes	4/21/2023	14.25	8.35	-14	5.33	19.5	0.43	Dry
TMW08	30 - 60	No	4/19/2023	15.17	8.08	70	18.8	24.8	1.53	0.60
TMW10	28 - 58	No	4/20/2023	12.70	8.21	71	6.79	10.0	0.00	0.00
TMW11	55 - 80	Dry	Well was dry and was not purged or sampled							
TMW13	60.7 - 70.7	No	4/26/2023	14.11	7.36	-118	2.69	0.0	6.87	0.04
TMW15	56 - 71	No	4/26/2023	12.25	7.71	138	2.30	35.7	0.98	0.10
TMW21	48 - 58	No	4/27/2023	12.43	7.54	-91	3.22	0.0	6.51	0.15
TMW22	52 - 62	Yes	4/21/2023	14.51	8.57	108	3.84	190	3.87	Dry
TMW23	46 - 56	Yes	4/21/2023	14.79	6.97	168	3.18	102	1.05	Dry
TMW24	44 - 54	No	4/24/2023	14.86	8.32	-105	4.52	9.8	0.00	1.19
TMW25	42.5 - 52.5	No	4/27/2023	11.17	8.19	108	3.92	50.2	0.00	2.62
TMW26	45 - 55	No	4/19/2023	10.85	8.22	213	3.69	42.8	0.00	0.00
TMW27	60 - 70	No	4/19/2023	12.10	8.02	-52	1.56	16.0	1.60	0.70
TMW28	37 - 47	No	4/24/2023	12.39	7.83	-62	3.93	10.4	5.56	2.13

TABLE 5-1: STABLE GROUNDWATER PARAMETERS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

WELL ID	SCREEN INTERVAL (ft bgs)	PURGED DRY?	SAMPLE DATE	TEMP (°C)	pH (SU)	ORP[a] (mV)	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO[b] (mg/L)	DRAWDOWN[c] (ft)
TMW29	49 - 59	Yes	4/21/2023	13.04	8.50	146	2.45	978	1.78	0.00
TMW31S	50 - 60	Yes	4/19/2023	14.55	6.57	140	2.95	107	6.35	Dry
TMW33	37 - 57	Yes	4/21/2023	17.59	7.00	155	9.61	18.7	2.32	Dry
TMW34	37 - 57	No	4/26/2023	15.90	7.77	149	5.96	9.5	0.00	0.15
TMW35	35 - 55	No	4/26/2023	14.29	7.89	101	4.90	9.4	0.00	0.13
TMW39S	32.5 - 52.5	Yes	4/20/2023	16.46	7.48	110	4.02	29.1	7.41	Dry
TMW40S	50 - 60	Dry	Well was dry and was not purged or sampled							
TMW41	55.5 - 65.5	Yes	4/21/2023	14.00	7.33	200	3.90	75.7	3.72	Dry
TMW43	58 - 78	No	4/25/2023	11.91	8.06	132	2.55	9.6	0.00	0.11
TMW44	43.5 - 63.5	Yes	4/18/2023	16.16	6.83	130	3.32	16.4	1.04	Dry
TMW45	38.5 - 58.5	No	4/25/2023	12.63	7.12	70	3.76	9.2	6.63	0.18
TMW46	38.5 - 58.5	Yes	4/18/2023	15.08	6.75	112	5.55	95.1	2.16	Dry
TMW47	82.5 - 102.5	No	4/27/2023	13.15	9.04	-99	2.49	0.0	0.00	1.50
TMW54	21.4 - 41.4	Dry	Well was dry and was not purged or sampled							
TMW56	30 - 50	Dry	Well was dry and was not purged or sampled							
TMW57	60 - 70	Yes	4/24/2023	14.40	8.35	32	2.29	177	4.98	Dry
TMW59	42 - 62	Yes	4/24/2023	15.77	8.71	38	3.32	153	0.70	Dry
TMW60	46 - 66	Dry	Well was dry and was not purged or sampled							
TMW61	41 - 61	Yes	4/24/2023	15.34	8.35	111	6.71	406	0.00	Dry
TMW62	40 - 60	Yes	4/21/2023	15.47	7.29	194	3.16	180	1.03	Dry
NORTHERN BEDROCK GROUNDWATER ZONE										
BGMW07	215 - 255	Yes	4/17/2023	13.91	6.72	65	26.9	189	0.88	Dry
BGMW08	165 - 185	Yes	4/17/2023	17.57	7.64	229	17.8	110	1.26	Dry
BGMW09	106 - 136	Yes	4/17/2023	16.17	8.52	54	5.25	59.3	4.95	Dry
BGMW10	106 - 136	Yes	4/18/2023	15.58	8.63	8	2.77	466	2.22	Dry
TMW14A	94.25 - 109.25	No	4/21/2023	13.39	8.95	57	1.99	12.0	0.00	0.00
TMW16	123 - 138	Yes	4/17/2023	13.29	8.47	60	1.90	202	1.02	Dry
TMW17	112 - 127	No	4/21/2023	15.79	9.30	-90	2.07	10.0	4.97	0.00

TABLE 5-1: STABLE GROUNDWATER PARAMETERS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

WELL ID	SCREEN INTERVAL (ft bgs)	PURGED DRY?	SAMPLE DATE	TEMP (°C)	pH (SU)	ORP[a] (mV)	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	DO[b] (mg/L)	DRAWDOWN[c] (ft)
TMW18	150 - 160	Yes	4/17/2023	13.57	8.69	56	2.93	17.7	1.88	Dry
TMW19	169 - 184	Yes	4/17/2023	13.49	8.30	60	2.97	49.3	1.98	Dry
TMW30	35 - 45	Yes	4/19/2023	13.63	6.35	165	2.30	7.4	4.62	Dry
TMW31D	77 - 107	No	4/25/2023	13.37	7.64	-145	5.44	0.0	0.00	0.00
TMW32	117 - 137	No	4/27/2023	11.57	7.53	-184	4.31	0.0	0.00	0.04
TMW36	132 - 152	Yes	4/17/2023	15.01	8.43	-8	2.83	131	4.80	Dry
TMW37	88 - 108	Yes	4/18/2023	14.99	8.51	-66	3.23	44.2	1.27	Dry
TMW38	118.9 - 158.9	No	4/27/2023	12.73	8.80	-155	4.80	11.8	0.00	1.04
TMW39D	70 - 100	No	4/25/2023	13.04	8.91	-93	3.75	26.7	0.00	0.41
TMW40D	135 - 155	No	4/25/2023	14.58	8.84	-86	3.28	11.7	0.00	0.09
TMW48	71 - 91	No	4/25/2023	15.45	7.41	132	3.29	0.0	0.00	0.00
TMW49	40 - 60	No	4/26/2023	13.52	7.03	-62	4.50	2.5	0.00	0.24
TMW50	55 - 75	Yes	4/19/2023	13.79	7.29	-22	2.26	>1000	7.83	Dry
TMW51	105 - 125	No	4/21/2023	14.91	8.78	86	3.10	46.4	3.51	4.99
TMW52	95 - 115	Yes	4/25/2023	16.14	5.61	-31	1.96	855	7.83	Dry
TMW53	107 - 117	Yes	4/24/2023	16.38	9.40	-208	1.52	132	0.00	Dry
TMW55	101 - 121	Yes	4/21/2023	15.84	7.86	187	2.57	242	1.87	Dry
TMW58	145 - 185	Yes	4/19/2023	14.93	7.43	-86	2.63	467	0.00	Dry
TMW63	140 - 180	No	4/19/2023	13.90	7.90	-69	2.91	33.5	0.44	72.49
TMW64	80 - 100	No	4/26/2023	14.80	8.92	-119	2.74	0.0	6.65	49.12

[a] Eh = ORP + 200 mV

[b] Reading of a negative DO is likely anomalous. The values were reported as 0.00.

[c] Drawdown is measured as the change in water level from initial measurement to final field reading on the day of well purging.

ABBREVIATIONS & ACRONYMS:

°C = degree celsius
bgs = below ground surface
DO = dissolved oxygen
ft = foot
NA = not applicable; drawdown measurements are not applicable for casing volume purging method.
mg/L = milligram per liter
mS/cm = millisiemens per centimeter
mV = millivolt
NTU = nephelometric turbidity unit
ORP = oxidation-reduction potential
pH = hydrogen (ion) concentration
SU = standard unit
TEMP = temperature

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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**
	BGMW01102021	10/5/2021	3.2	<0.60	1.2	**360**	0.69	<0.25	**1,100**
BGMW02	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**
	BGMW02102021	10/5/2021	**13**	<0.30	<0.25	**290**	<0.05	<0.25	**1,000**
BGMW03	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
	BGMW03102021	10/4/2021	1.3	<0.30	0.86	180	**4.2**	<0.25	510
BGMW11	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**
	BGMW11102021	10/11/2021	<0.06	<6.0	<0.25	**580**	<0.05	<0.25	**1,600**
BGMW12	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
	BGMW12102021	10/7/2021	<0.06	<0.06	0.41 J	59	**1.7**	<0.25	400
BGMW13D	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
	BGMW13D102021	10/14/2021	<0.06	<2.4	0.39 J	93	0.99	<0.25	84
BGMW13S	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
	BGMW13S102021	10/11/2021	<0.06	<2.4	0.37 J	130	1.0	<0.25	41
FW31	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**
	FW31102021	10/12/2021	**15**	<0.06	<0.25	6.5	**3.1**	<0.25	590
MW01	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**
	MW01102021	10/5/2021	3.6	<0.30	0.34 J	38	0.61	<0.25	**760**
MW02	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**
	MW02102021	10/5/2021	1.0	<0.12	0.32 J	26	0.28	<0.25	**630**
MW03	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**
	MW03102021	10/11/2021	5.2	<2.4	0.33 J	210	<0.05	<0.25	**1,100**

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
MW18D	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**
	MW18D102021	10/13/2021	<0.60	<1.2	3.1 J	**600**	0.60 J	<0.25	**2,000**
MW20	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**
	MW20102021	10/6/2021	**17**	<1.2	2.4	**1,600**	<0.05	<1.2	**3,200**
MW22D	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**
	MW22D102021	10/14/2021	**18**	<1.2	0.50	**250**	<0.05	<0.25	**850**
MW23	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
	MW23102021	10/11/2021	<0.06	<2.4	0.54	97	0.78	<0.25	3.9
	MW23102021DUP	10/11/2021	<0.06	<2.4	0.57	86	0.76	<0.25	4.2
MW24	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
	MW24102021	10/11/2021	<0.06	<1.2	0.36 J	110	0.97	<0.25	2.5
	MW24102021DUP	10/11/2021	<0.06	<2.4	0.36 J	110	0.98	<0.25	1.6
MW25	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**
	MW25102021	10/12/2021	**43**	<2.4	0.59	**380**	<0.05	<10	**1,700**
MW26	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**
	MW26102021	10/11/2021	1.5	<2.4	0.84	**370**	<0.05	<0.25	**1,100**
MW27	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**
	MW27102021	10/8/2021	**40**	<1.2	0.50 J	120	<0.05	<5.0	**920**
MW28	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**
	MW28102021	10/5/2021	6.5	<0.30	0.38 J	120	<0.05	<0.25	**1,200**
MW29	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**
	MW29102021	10/5/2021	7.9	<0.30	0.48 J	170	0.59	<0.25	**670**
MW30	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
	MW30102021	10/8/2021	<0.60	<0.60	<2.5	240	0.84 J	<2.5	410
MW31	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**
	MW31102021	10/13/2021	**11**	<1.2	3.3 J	**760**	0.49 J	<2.5	**2,200**
MW32	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**
	MW32102021	10/4/2021	**59**	<0.30	0.79	**310**	<0.05	<0.25	**1,600**

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
MW33	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**
	MW33102021	10/11/2021	<0.12	<1.2	0.98 J	210	1.2	<0.50	570
MW34	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**
	MW34102021	10/11/2021	9.8	<2.4	0.95	**420**	<0.05	<2.5	**2,000**
MW35	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**
	MW35102021	10/13/2021	<0.06	<2.4	0.56	**330**	0.16	<0.25	**990**
	MW35102021DUP	10/13/2021	<0.06	<1.2	0.56	**260**	0.15	<0.25	**910**
MW36D	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
	MW36D102021	10/11/2021	0.057 J	<2.4	0.68	96	0.73	<0.25	29
MW36S	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**
	MW36S102021	10/11/2021	0.18	<6.0	1.4	**540**	<0.05	<0.25	**4,100**
MW37	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
	MW37102021	10/13/2021	<0.06	<2.4	0.55	190	1.3	<0.25	500
MW38	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**
	MW38102021	10/14/2021	<0.12	<1.2	0.92 J	220	0.61	<0.50	450
MW39	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**
	MW39102021	10/14/2021	<0.30	<1.2	1.8 J	**520**	1.4	<1.2	**1,200**
SMW01	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**
	SMW01102021	10/15/2021	<0.60	<0.60	<2.5	**610**	1.3	<2.5	560
TMW01	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**
	TMW01102021	10/15/2021	9.5	<0.06	1.0	190	0.43	<0.25	**760**
	TMW01102021DUP	10/15/2021	9.1	<0.12	1.0	190	0.44	<0.25	**800**
TMW02	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**
	TMW02102021	10/15/2021	**81**	<0.06	0.46 J	**310**	0.27	<0.25	**1,300**
	TMW02102021DUP	10/15/2021	**79**	<0.06	0.49 J	**290**	0.27	<0.25	**1,200**

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW03	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**
	TMW03102021	10/14/2021	**110**	<0.60	0.27 J	180	<0.05	<2.5	**1,100**
TMW04	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**
	TMW04102021	10/11/2021	**36**	<1.2	<2.5	160	1.1	<1.2	**940**
TMW06	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**
	TMW06102021	10/14/2021	**10**	<0.60	0.42 J	120	<0.05	<2.5	**610**
	TMW06102021DUP	10/14/2021	**10**	<0.60	0.42 J	59	<0.05	<2.5	**610**
TMW07	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**
	TMW07102021	10/15/2021	0.11	<0.60	0.52	190	<0.05	<0.25	**770**
TMW08	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**
	TMW08102021	10/7/2021	4.9	<0.60	2.3	**1,500**	<0.05	<2.5	**6,100**
TMW10	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**
	TMW10102021	10/7/2021	<0.06	<0.06	0.75	**580**	<0.05	<0.25	**1,400**
TMW13	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
	TMW13102021	10/13/2021	3.9	<0.30	0.47 J	74	0.89	<0.50	310
TMW15	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
	TMW15102021	10/15/2021	1.7	<0.60	0.68	120	**1.6**	<0.50	370
TMW21	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**
	TMW21102021	10/13/2021	**10**	<0.30	0.58	75	**1.6**	<1.2	510
TMW22	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**
	TMW22102021	10/15/2021	**11**	<0.60	0.46 J	140	<0.05	<2.5	**920**
TMW23	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**
	TMW23102021	10/15/2021	**17**	<0.60	0.41 J	99	0.52	<2.5	470
TMW24	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**
	TMW24102021	10/14/2021	<0.06	<2.4	1.2	**410**	<0.05	<0.25	580

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW25	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**
	TMW25102021	10/13/2021	0.23	<2.4	0.75	200	0.55	<0.25	**880**
TMW26	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**
	TMW26102021	10/4/2021	<0.12	<0.30	0.88 J	**250**	**1.7**	<0.50	**780**
TMW28	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
	TMW28102021	10/12/2021	<0.06	<1.2	0.50 J	100	0.52	<0.25	430
TMW29	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
	TMW29102021	10/8/2021	3.7	<0.30	0.49 J	68	1.1	<1.2	370
TMW31S	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**
	TMW31S102021	10/7/2021	6.7	<0.60	1.2	170	<0.05	<2.5	**780**
TMW33	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**
	TMW33102021	10/15/2021	<0.06	<2.4	2.2	**2,400**	<0.05	<0.25	**4,500**
TMW34	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**
	TMW34102021	10/13/2021	**66**	<2.4	0.78	**260**	<0.05	10	**1,500**
	TMW34102021DUP	10/13/2021	**66**	<2.4	0.78	**250**	<0.05	10	**1,600**
TMW35	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**
	TMW35102021	10/6/2021	6.4	<0.60	0.47 J	**260**	<0.05	<0.25	**1,100**
TMW39S	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**
	TMW39S102021	10/15/2021	9.6	<0.30	0.99	210	0.37	<1.2	**880**
TMW41	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**
	TMW41102021	10/15/2021	4.9	<0.30	0.95	240	<0.05	<1.2	**740**
TMW43	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
	TMW43102021	10/12/2021	6.5	<0.60	0.45 J	73	<0.05	<1.2	400
TMW44	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**
	TMW44102021	10/5/2021	**47**	<0.30	0.47 J	120	0.85	<0.25	**760**

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW45	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**
	TMW45102021	10/12/2021	1.2	<2.4	0.45 J	200	0.60	<0.25	550
	TMW45102021DUP	10/12/2021	1.3	<2.4	0.45 J	220	0.60	<0.25	590
TMW46	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**
	TMW46102021	10/5/2021	**71**	<0.30	<0.25	**250**	<0.05	<0.25	**1,800**
TMW47	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**
	TMW47102021	10/14/2021	<0.06	<1.2	0.38 J	73	**1.8**	<0.25	**600**
TMW57	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
	TMW57102021	10/11/2021	1.2	<2.4	0.47 J	80	**2.1**	<0.25	280
TMW59	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**
	TMW59102021	10/11/2021	**35**	<0.60	0.44 J	97	0.91	<2.5	**760**
TMW61	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**
	TMW61102021	10/13/2021	**19**	<1.2	2.9 J	**530**	0.74 J	<2.5	**1,600**
TMW62	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**
	TMW62102021	10/8/2021	**21**	<0.60	0.36 J	65	<0.05	<2.5	**640**
Bedrock Wells									
BGMW07	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**
	BGMW07102021	10/4/2021	<1.2	<6.0	6.2 J	**9,800**	<1.0	<5.0	**1,200**
BGMW08	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**
	BGMW08102021	10/4/2021	0.24	<2.4	2.8	**4,500**	<0.10	<0.50	**2,100**
BGMW09	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**
	BGMW09102021	10/6/2021	0.87	<0.60	<0.25	**480**	<0.05	<0.25	**1,700**
BGMW10	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**
	BGMW10102021	10/7/2021	0.065 J	<0.06	0.36 J	70	0.56	<0.25	**780**
	BGMW10102021DUP	10/7/2021	0.072 J	<0.06	0.36 J	70	0.56	<0.25	**800**
TMW14A	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
	TMW14A102021	10/12/2021	<0.06	<1.2	0.67	160	0.46	<0.25	350
	TMW14A102021DUP	10/12/2021	<0.06	<1.2	0.67	170	0.46	<0.25	350

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW17	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
	TMW17102021	10/13/2021	0.056 J	<1.2	0.45 J	140	0.81	<0.25	430
TMW18	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**
	TMW18102021	10/5/2021	0.17	<0.30	<0.25	83	**2.1**	<0.25	**940**
TMW30	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**
	TMW30102021	10/6/2021	**13**	<0.60	<0.25	84	0.35	<0.25	580
TMW31D	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**
	TMW31D102021	10/12/2021	9.6	<0.60	0.66	140	<0.05	<2.5	**760**
TMW32	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**
	TMW32102021	10/14/2021	2.1	<1.2	<0.25	170	0.54	<0.25	**740**
TMW36	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**
	TMW36102021	10/13/2021	<0.06	<2.4	0.36 J	130	0.61	<0.25	**820**
TMW37	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**
	TMW37102021	10/6/2021	<0.06	<0.60	<0.25	210	0.88	<0.25	**650**
TMW38	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**
	TMW38102021	10/13/2021	<0.06	<2.4	0.36 J	**300**	1.5	<0.25	**790**
TMW39D	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**
	TMW39D102021	10/13/2021	<0.06	<2.4	0.53	**360**	0.69	<0.25	**940**
TMW40D	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**
	TMW40D102021	10/15/2021	1.4	<1.2	<0.25	130	0.36	<0.25	**900**
TMW48	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**
	TMW48102021	10/15/2021	9.3	<0.60	0.90	140	<0.05	<2.5	**860**
TMW49	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**
	TMW49102021	10/15/2021	1.9	<1.2	<0.25	**330**	0.44	<0.25	**1,200**
TMW50	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
	TMW50102021	10/6/2021	<0.06	<0.30	<0.25	180	0.40	<0.25	500

TABLE 5-2: SUMMARY OF INORGANIC ANIONS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW51	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**
	TMW51102021	10/4/2021	6.5	<0.06	0.73	110	0.36	<0.25	**860**
TMW52	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
	TMW52102021	10/11/2021	0.16	<2.4	0.28 J	73	**1.8**	<0.25	400
TMW53	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
	TMW53102021	10/11/2021	0.058 J	<1.2	0.25 J	90	**3.8**	<0.25	250
TMW55	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**
	TMW55102021	10/15/2021	0.042 J	<0.06	0.40 J	130	0.067 J	<0.25	**610**
TMW58	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**
	TMW58102021	10/5/2021	0.089 J	<0.12	<0.25	100	1.3	<0.25	**730**
TMW63	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**
	TMW63102021	10/6/2021	<0.06	<0.60	<0.25	120	0.52	<0.25	**940**
TMW64	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**
	TMW64102021	10/12/2021	0.43	<2.4	<0.25	**290**	0.18	<0.25	**750**

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 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	BGMW01102021	10/5/2021	<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
BGMW02	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
	BGMW02102021	10/5/2021	<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
BGMW03	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
	BGMW03102021	10/4/2021	<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
BGMW11	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**	<0.32
	BGMW11102021	10/11/2021	<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
BGMW12	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
	BGMW12102021	10/7/2021	<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
BGMW13D	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
	BGMW13D102021	10/14/2021	<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
BGMW13S	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
	BGMW13S102021	10/11/2021	<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
FW31	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
	FW31102021	10/12/2021	<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
MW01	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
	MW01102021	10/5/2021	<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
MW02	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
	MW02102021	10/5/2021	<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

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	MW03102021	10/11/2021	<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
MW18D	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
	MW18D102021	10/13/2021	<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
MW20	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
	MW20102021	10/6/2021	<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
MW22D	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
	MW22D102021	10/14/2021	<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
MW23	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
	MW23102021	10/11/2021	<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
	MW23102021DUP	10/11/2021	<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
MW24	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
	MW24102021	10/11/2021	<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
	MW24102021DUP	10/11/2021	<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
MW25	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
	MW25102021	10/12/2021	<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
MW26	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
	MW26102021	10/11/2021	<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
MW27	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
	MW27102021	10/8/2021	<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
MW28	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
	MW28102021	10/5/2021	<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

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	MW29102021	10/5/2021	<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
MW30	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
	MW30102021	10/8/2021	<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
MW31	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
	MW31102021	10/13/2021	<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
MW32	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
	MW32102021	10/4/2021	<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
MW33	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
	MW33102021	10/11/2021	<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
MW34	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
	MW34102021	10/11/2021	<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
MW35	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
	MW35102021	10/13/2021	<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
	MW35102021DUP	10/13/2021	<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
MW36D	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
	MW36D102021	10/11/2021	<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
MW36S	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
	MW36S102021	10/11/2021	<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
MW37	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
	MW37102021	10/13/2021	<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

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	MW38102021	10/14/2021	<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
MW39	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
	MW39102021	10/14/2021	<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
SMW01	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
	SMW01102021	10/8/2021	<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
TMW01	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
	TMW01102021	10/8/2021	<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
TMW02	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
	TMW02102021	10/8/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.31 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
	TMW02102021DUP	10/8/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20 J	<0.20	<0.20	<0.20	<0.20	<0.20	<62	<62	<0.20	<0.20
TMW03	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
	TMW03102021	10/14/2021	0.74 J	<0.20	<0.20	0.79 J	<0.20	0.65 J	<0.20	7.0	<0.20	1.1	<0.20	6.2	<0.20	<62	<62	**430**	<0.20
TMW04	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
	TMW04102021	10/11/2021	1.0	<0.20	<0.20	<0.20	<0.20	0.93 J	1.0	0.82	<0.20	1.1	<0.20	<0.20	<0.20	<62	<62	1.2	<0.20
TMW06	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
	TMW06102021	10/14/2021	<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
	TMW06102021DUP	10/14/2021	<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
TMW07	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
	TMW07102021	10/8/2021	<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

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	TMW10102021	10/7/2021	<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
TMW15	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
	TMW15102021	10/7/2021	<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
TMW21	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
	TMW21102021	10/13/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.46 J	<62	<62	<0.20	<0.20
TMW22	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
	TMW22102021	10/8/2021	<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
TMW23	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**	<0.32
	TMW23102021	10/8/2021	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<31	<31	**53**	<0.10
TMW24	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
	TMW24102021	10/14/2021	<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
TMW25	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
	TMW25102021	10/13/2021	<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
TMW26	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
	TMW26102021	10/4/2021	<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
TMW29	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
	TMW29102021	10/8/2021	<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
TMW31S	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
	TMW31S102021	10/7/2021	<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
TMW39S	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
	TMW39S102021	10/8/2021	<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

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW41	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
	TMW41102021	10/8/2021	<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
TMW43	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
	TMW43102021	10/12/2021	<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	2.1	<0.20
TMW44	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
	TMW44102021	10/5/2021	<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
TMW45	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
	TMW45102021	10/12/2021	<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
	TMW45102021DUP	10/12/2021	<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
TMW46	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
	TMW46102021	10/5/2021	<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
TMW47	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
	TMW47102021	10/14/2021	<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
TMW57	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
	TMW57102021	10/11/2021	<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
TMW59	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	**80**	<0.32
	TMW59102021	10/11/2021	<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	**76**	<0.20
TMW61	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
	TMW61102021	10/13/2021	<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
TMW62	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
	TMW62102021	10/8/2021	<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

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
Bedrock Wells																			
BGMW07	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
	BGMW07102021	10/4/2021	<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
BGMW08	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
	BGMW08102021	10/4/2021	<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
BGMW09	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
	BGMW09102021	10/6/2021	<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
BGMW10	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
	BGMW10102021	10/7/2021	<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
	BGMW10102021DUP	10/7/2021	<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
TMW14A	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
	TMW14A102021	10/12/2021	<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
	TMW14A102021DUP	10/12/2021	<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
TMW16	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
	TMW16102021	10/4/2021	<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
	TMW16102021DUP	10/4/2021	<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
TMW18	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
	TMW18102021	10/5/2021	<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
TMW19	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
	TMW19102021	10/4/2021	<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
TMW30	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
	TMW30102021	10/6/2021	<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
TMW31D	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
	TMW31D102021	10/12/2021	<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

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW32	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
	TMW32102021	10/14/2021	<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
TMW36	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
	TMW36102021	10/13/2021	<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
TMW37	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
	TMW37102021	10/6/2021	<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
TMW38	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
	TMW38102021	10/13/2021	<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
TMW39D	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
	TMW39D102021	10/13/2021	<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
TMW40D	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
	TMW40D102021	10/15/2021	<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
TMW48	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
	TMW48102021	10/15/2021	<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
TMW49	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
	TMW49102021	10/15/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.68 J	<62	<62	<0.20	<0.20
TMW50	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
	TMW50102021	10/6/2021	<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
TMW51	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
	TMW51102021	10/4/2021	<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
TMW52	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
	TMW52102021	10/11/2021	<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

TABLE 5-3: SUMMARY OF EXPLOSIVES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW53	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
	TMW53102021	10/11/2021	<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
TMW55	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
	TMW55102021	10/8/2021	<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
TMW58	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
	TMW58102021	10/5/2021	<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
TMW63	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
	TMW63102021	10/6/2021	<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
TMW64	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
	TMW64102021	10/12/2021	<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

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 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
Alluvial Wells			
BGMW01	BGMW01042023	4/18/2023	0.82 J
	BGMW01102022	10/5/2022	0.82 J
	BGMW01042022	4/13/2022	0.62
	BGMW01102021	10/5/2021	0.38
BGMW02	BGMW02042023	4/18/2023	0.49 J
	BGMW02102022	10/5/2022	0.62 J
	BGMW02042022	4/13/2022	0.66
	BGMW02102021	10/5/2021	0.58
BGMW03	BGMW03042023	4/18/2023	<0.50
	BGMW03102022	10/3/2022	<0.50
	BGMW03102022DUP	10/3/2022	<0.50
	BGMW03042022	4/11/2022	<0.10
	BGMW03102021	10/4/2021	<0.10
BGMW11	BGMW11042023	4/19/2023	<2.0
	BGMW11102022	10/13/2022	<0.50
	BGMW11042022	4/15/2022	<0.10
	BGMW11102021	10/11/2021	<0.10
BGMW12	BGMW12042023	4/17/2023	<1.0
	BGMW12102022	10/3/2022	<0.50
	BGMW12042022	4/11/2022	<0.10
	BGMW12102021	10/7/2021	<0.10
BGMW13D	BGMW13D042023	4/25/2023	<0.50
	BGMW13D102022	10/12/2022	<0.50
	BGMW13D042022	4/21/2022	<0.10
	BGMW13D042022DUP	4/21/2022	<0.10
	BGMW13D102021	10/14/2021	<0.10
BGMW13S	BGMW13S042023	4/25/2023	<0.50
	BGMW13S102022	10/12/2022	<0.50
	BGMW13S102022DUP	10/12/2022	<0.50
	BGMW13S042022	4/21/2022	<0.10
	BGMW13S102021	10/11/2021	<0.10
MW01	MW01042023	4/18/2023	<0.50
	MW01102022	10/4/2022	<0.50
	MW01042022	4/12/2022	<0.10
	MW01102021	10/5/2021	<0.10
MW02	MW02042023	4/18/2023	<0.50
	MW02102022	10/4/2022	<0.50
	MW02042022	4/12/2022	<0.10
	MW02102021	10/5/2021	<0.50

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
MW03	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
	MW03102021	10/11/2021	<0.10
MW18D	MW18D042023	4/26/2023	<1.0
	MW18D102022	10/12/2022	<1.0
	MW18D042022	4/20/2022	<0.10
	MW18D102021	10/13/2021	<0.10
MW20	MW20042023	4/26/2023	0.56 J
	MW20102022	10/12/2022	<0.50
	MW20042022	4/20/2022	0.11 J
	MW20102021	10/6/2021	0.42
MW22D	MW22D042023	4/27/2023	0.81 J
	MW22D102022	10/13/2022	0.72 J
	MW22D042022	4/21/2022	0.95
	MW22D102021	10/14/2021	0.98
MW23	MW23042023	4/24/2023	<1.0
	MW23102022	10/3/2022	<0.50
	MW23042022	4/11/2022	<0.10
	MW23102021	10/11/2021	<0.20
	MW23102021DUP	10/11/2021	<0.20
MW24	MW24042023	4/18/2023	<0.50
	MW24102022	10/13/2022	<0.50
	MW24042022	4/12/2022	<0.10
	MW24042022DUP	4/12/2022	<0.10
	MW24102021	10/11/2021	<0.10
	MW24102021DUP	10/11/2021	<0.10
MW25	MW25042023	4/21/2023	<0.50
	MW25102022	10/11/2022	<0.50
	MW25042022	4/13/2022	0.16 J
	MW25102021	10/12/2021	<0.10
MW26	MW26042023	4/24/2023	<0.50
	MW26102022	10/10/2022	<0.50
	MW26042022	4/18/2022	<0.10
	MW26102021	10/11/2021	<0.10
MW27	MW27042023	4/24/2023	<0.50
	MW27102022	10/7/2022	<0.50
	MW27042022	4/20/2022	0.067 J
	MW27102021	10/8/2021	<0.10

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
MW28	MW28042023	4/18/2023	<0.50
	MW28102022	10/4/2022	<0.50
	MW28042022	4/13/2022	0.18 J
	MW28102021	10/5/2021	<0.10
MW29	MW29042023	4/21/2023	<1.0
	MW29102022	10/5/2022	<0.50
	MW29042022	4/14/2022	0.74
	MW29102021	10/5/2021	0.35
MW30	MW30042023	4/26/2023	<0.50
	MW30102022	10/7/2022	<0.50
	MW30042022	4/20/2022	<0.10
	MW30102021	10/8/2021	<0.10
MW31	MW31042023	4/26/2023	<0.50
	MW31102022	10/7/2022	<0.50
	MW31042022	4/21/2022	0.074 J
	MW31102021	10/13/2021	<0.10
MW32	MW32042023	4/17/2023	<0.50
	MW32102022	10/3/2022	<0.50
	MW32042022	4/11/2022	0.25
	MW32102021	10/4/2021	0.21
MW33	MW33042023	4/24/2023	<0.50
	MW33102022	10/10/2022	<0.50
	MW33042022	4/18/2022	<0.10
	MW33102021	10/11/2021	<0.10
MW34	MW34042023	4/24/2023	<1.0
	MW34102022	10/10/2022	<0.50
	MW34042022	4/18/2022	<0.10
	MW34102021	10/11/2021	<0.10
MW35	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
	MW35102021	10/13/2021	<0.10
	MW35102021DUP	10/13/2021	<0.10
MW36D	MW36D042023	4/24/2023	<0.50
	MW36D102022	10/14/2022	<0.50
	MW36D042022	4/18/2022	<0.10
	MW36D042022DUP	4/18/2022	<0.10
	MW36D102021	10/11/2021	<0.20

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
MW36S	MW36S042023	4/24/2023	<0.50
	MW36S102022	10/14/2022	<0.10
	MW36S042022	4/18/2022	<0.10
	MW36S102021	10/11/2021	<0.10
MW37	MW37042023	4/25/2023	<1.0
	MW37102022	10/10/2022	<0.50
	MW37102022DUP	10/10/2022	<0.50
	MW37042022	4/20/2022	<0.10
	MW37102021	10/13/2021	<0.10
MW38	MW38042023	4/27/2023	<0.50
	MW38102022	10/10/2022	<0.50
	MW38042022	4/22/2022	<0.10
	MW38102021	10/14/2021	<0.10
MW39	MW39042023	4/27/2023	<0.50
	MW39102022	10/13/2022	<0.10
	MW39042022	4/22/2022	<0.10
	MW39102021	10/14/2021	<0.10
SMW01	SMW01042023	4/19/2023	<0.50
	SMW01042023DUP	4/19/2023	<0.50
	SMW01102022	10/4/2022	<0.50
	SMW01042022	4/12/2022	<0.10
	SMW01102021	10/8/2021	<0.10
TMW01	TMW01042023	4/20/2023	**280**
	TMW01102022	10/6/2022	**260**
	TMW01042022	4/15/2022	**253 J**
	TMW01102021	10/8/2021	**280**
TMW02	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
	TMW02102021	10/8/2021	6.4
	TMW02102021DUP	10/8/2021	6.1
TMW03	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
	TMW03102021	10/14/2021	0.52

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW04	TMW04042023	4/21/2023	0.46 J
	TMW04102022	10/7/2022	0.51 J
	TMW04042022	4/15/2022	0.35
	TMW04102021	10/11/2021	3.0
TMW08	TMW08042023	4/19/2023	<0.10
	TMW08102022	10/5/2022	<0.10
	TMW08042022	4/14/2022	<0.10
	TMW08102021	10/7/2021	<0.10
TMW10	TMW10042023	4/20/2023	<0.50
	TMW10042023DUP	4/20/2023	<0.50
	TMW10102022	10/6/2022	<0.50
	TMW10042022	4/14/2022	<0.10
	TMW10102021	10/7/2021	<0.10
TMW13	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
	TMW13102021	10/13/2021	<0.10
TMW15	TMW15042023	4/26/2023	<0.50
	TMW15042023DUP	4/26/2023	<0.50
	TMW15102022	10/11/2022	<0.50
	TMW15042022	4/20/2022	<0.10
	TMW15102021	10/7/2021	<0.10
TMW21	TMW21042023	4/27/2023	<0.50
	TMW21102022	10/14/2022	<0.50
	TMW21042022	4/21/2022	<0.10
	TMW21102021	10/13/2021	<0.10
TMW22	TMW22042023	4/21/2023	<0.50
	TMW22102022	10/6/2022	<0.50
	TMW22042022	4/15/2022	<0.10
	TMW22102021	10/8/2021	<0.10
TMW23	TMW23042023	4/21/2023	<0.50
	TMW23102022	10/7/2022	<0.50
	TMW23042022	4/15/2022	<0.10
	TMW23102021	10/8/2021	<0.10
TMW24	TMW24042023	4/24/2023	<1.0
	TMW24102022	10/13/2022	<0.50
	TMW24042022	4/19/2022	<0.10
	TMW24102021	10/14/2021	<0.10

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW26	TMW26042023	4/19/2023	<0.50
	TMW26102022	10/4/2022	<0.50
	TMW26042022	4/13/2022	<0.10
	TMW26102021	10/4/2021	<0.10
TMW27	TMW27042023	4/19/2023	<0.50
	TMW27102022	10/4/2022	<0.50
	TMW27042022	4/12/2022	<0.10
	TMW27102021	10/10/2021	<0.20
TMW29	TMW29042023	4/21/2023	<0.50
	TMW29102022	10/6/2022	<0.50
	TMW29042022	4/15/2022	0.082 J
	TMW29102021	10/8/2021	<0.10
TMW31S	TMW31S042023	4/19/2023	**600**
	TMW31S102022	10/6/2022	**480**
	TMW31S042022	4/14/2022	**619**
	TMW31S102021	10/7/2021	**590**
TMW34	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
	TMW34102021	10/13/2021	0.19 J
	TMW34102021DUP	10/13/2021	0.16 J
TMW35	TMW35042023	4/26/2023	<0.50
	TMW35102022	10/11/2022	<0.50
	TMW35042022	4/20/2022	0.051 J
	TMW35102021	10/6/2021	<0.10
TMW39S	TMW39S042023	4/20/2023	**750**
	TMW39S102022	10/7/2022	**680**
	TMW39S042022	4/13/2022	**790**
	TMW39S102021	10/8/2021	**720**
TMW41	TMW41042023	4/21/2023	**15**
	TMW41102022	10/7/2022	12
	TMW41042022	4/15/2022	**14.2**
	TMW41102021	10/8/2021	12
TMW43	TMW43042023	4/25/2023	<0.50
	TMW43042023DUP	4/25/2023	<1.0
	TMW43102022	10/11/2022	<0.50
	TMW43042022	4/19/2022	<0.10
	TMW43102021	10/12/2021	<0.10

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW44	TMW44042023	4/18/2023	<0.50
	TMW44102022	10/4/2022	<0.50
	TMW44042022	4/12/2022	<0.10
	TMW44102021	10/5/2021	0.24
TMW45	TMW45042023	4/25/2023	<1.0
	TMW45102022	10/12/2022	<0.50
	TMW45042022	4/19/2022	<0.10
	TMW45102021	10/12/2021	<0.10
	TMW45102021DUP	10/12/2021	<0.10
TMW46	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
	TMW46102021	10/5/2021	0.095 J
TMW47	TMW47042023	4/27/2023	<0.10
	TMW47102022	10/13/2022	<0.50
	TMW47042022	4/21/2022	<0.10
	TMW47102021	10/14/2021	<0.10
TMW57	TMW57042023	4/24/2023	<0.50
	TMW57102022	10/10/2022	<0.50
	TMW57042022	4/18/2022	0.051 J
	TMW57102021	10/11/2021	<0.10
TMW59	TMW59042023	4/24/2023	<0.50
	TMW59102022	10/10/2022	<0.50
	TMW59042022	4/18/2022	0.091 J
	TMW59102021	10/11/2021	<0.10
TMW61	TMW61042023	4/24/2023	<0.50
	TMW61102022	10/10/2022	<0.50
	TMW61042022	4/18/2022	<0.10
	TMW61102021	10/13/2021	<0.10
TMW62	TMW62042023	4/21/2023	<0.50
	TMW62102022	10/7/2022	<0.50
	TMW62042022	4/15/2022	<0.10
	TMW62102021	10/8/2021	<0.10
Bedrock Wells			
BGMW07	BGMW07042023	4/17/2023	<0.10
	BGMW07102022	10/3/2022	<0.10
	BGMW07042022	4/11/2022	<0.10
	BGMW07102021	10/4/2021	<0.10

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
BGMW08	BGMW08042023	4/17/2023	<0.10
	BGMW08102022	10/3/2022	<0.10
	BGMW08042022	4/11/2022	<0.10
	BGMW08102021	10/4/2021	<0.10
BGMW09	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
	BGMW09102021	10/6/2021	0.056 J
BGMW10	BGMW10042023	4/18/2023	<0.10
	BGMW10042023DUP	4/18/2023	<0.10
	BGMW10102022	10/4/2022	<0.50
	BGMW10042022	4/12/2022	<0.10
	BGMW10102021	10/7/2021	<0.10
	BGMW10102021DUP	10/7/2021	<0.10
TMW16	TMW16042023	4/17/2023	<3.0
	TMW16102022	10/3/2022	<0.50
	TMW16042022	4/11/2022	<0.10
	TMW16102021	10/4/2021	<0.10
	TMW16102021DUP	10/4/2021	<0.10
TMW17	TMW17042023	4/21/2023	<0.50
	TMW17042023DUP	4/21/2023	<0.50
	TMW17102022	10/10/2022	<0.50
	TMW17042022	4/18/2022	<0.10
	TMW17102021	10/13/2021	<0.10
TMW18	TMW18042023	4/17/2023	<0.10
	TMW18102022	10/3/2022	<0.50
	TMW18042022	4/11/2022	<0.10
	TMW18102021	10/5/2021	<0.10
TMW19	TMW19042023	4/17/2023	<0.10
	TMW19102022	10/3/2022	<0.50
	TMW19042022	4/11/2022	<0.10
	TMW19102021	10/4/2021	<0.10
TMW30	TMW30042023	4/19/2023	**350**
	TMW30102022	10/5/2022	**330**
	TMW30042022	4/13/2022	**454**
	TMW30102021	10/6/2021	**400**

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW31D	TMW31D042023	4/25/2023	4.2
	TMW31D102022	10/11/2022	**57**
	TMW31D042022	4/19/2022	**874**
	TMW31D102021	10/12/2021	**860**
TMW32	TMW32042023	4/27/2023	**700**
	TMW32102022	10/13/2022	**350**
	TMW32042022	4/21/2022	**405**
	TMW32102021	10/14/2021	**410**
TMW36	TMW36042023	4/17/2023	<0.10
	TMW36102022	10/3/2022	<0.50
	TMW36042022	4/11/2022	<0.10
	TMW36102021	10/13/2021	<0.10
TMW37	TMW37042023	4/18/2023	<0.10
	TMW37102022	10/4/2022	<0.10
	TMW37042022	4/12/2022	<0.10
	TMW37102021	10/6/2021	<0.10
TMW38	TMW38042023	4/27/2023	<0.10
	TMW38102022	10/12/2022	<0.10
	TMW38042022	4/21/2022	<0.10
	TMW38102021	10/13/2021	<0.10
TMW39D	TMW39D042023	4/25/2023	3.5
	TMW39D102022	10/14/2022	**24**
	TMW39D042022	4/22/2022	0.072 J
	TMW39D102021	10/13/2021	0.25
TMW40D	TMW40D042023	4/25/2023	**180**
	TMW40D102022	10/14/2022	**250**
	TMW40D042022	4/22/2022	**262**
	TMW40D102021	10/15/2021	**230**
TMW48	TMW48042023	4/25/2023	**740**
	TMW48102022	10/14/2022	**790**
	TMW48042022	4/22/2022	**752**
	TMW48102021	10/15/2021	**800**
TMW49	TMW49042023	4/26/2023	**170**
	TMW49102022	10/13/2022	**270**
	TMW49042022	4/22/2022	**114**
	TMW49102021	10/15/2021	**230**
TMW50	TMW50042023	4/19/2023	1.2
	TMW50102022	10/5/2022	1.0
	TMW50042022	4/13/2022	2.2
	TMW50042022DUP	4/13/2022	2.3
	TMW50102021	10/6/2021	1.4

TABLE 5-4: SUMMARY OF PERCHLORATE ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Perchlorate
			µg/L
SL			14
TMW51	TMW51042023	4/21/2023	**630**
	TMW51102022	10/5/2022	**620**
	TMW51102022DUP	10/5/2022	**620**
	TMW51042022	4/14/2022	**715**
	TMW51102021	10/4/2021	**520**
TMW52	TMW52042023	4/25/2023	<0.50
	TMW52102022	10/10/2022	<0.50
	TMW52042022	4/18/2022	0.051 J
	TMW52102021	10/11/2021	<0.10
TMW53	TMW53042023	4/24/2023	<1.0
	TMW53102022	10/10/2022	<0.50
	TMW53042022	4/18/2022	<0.10
	TMW53102021	10/11/2021	<0.10
TMW55	TMW55042023	4/21/2023	<0.10
	TMW55102022	10/7/2022	<0.50
	TMW55042022	4/15/2022	<0.10
	TMW55102021	10/8/2021	0.11 J
TMW58	TMW58042023	4/17/2023	<0.10
	TMW58102022	10/4/2022	<0.50
	TMW58042022	4/12/2022	<0.10
	TMW58102021	10/5/2021	<0.10
TMW63	TMW63042023	4/19/2023	<0.10
	TMW63102022	10/5/2022	<0.50
	TMW63042022	4/13/2022	<0.10
	TMW63102021	10/6/2021	<0.10
TMW64	TMW64042023	4/26/2023	**45**
	TMW64102022	10/7/2022	**36**
	TMW64042022	4/19/2022	**56**
	TMW64102021	10/12/2021	**54**

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 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	BGMW01102021	10/5/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	BGMW02102021	10/5/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	BGMW03102021	10/4/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	BGMW11102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	BGMW12102021	10/7/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	BGMW13D102021	10/14/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	BGMW13S102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	FW31102021	10/12/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
MW01	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
	MW01102021	10/5/2021	0.17 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
MW02	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
	MW02102021	10/5/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW03102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW18D102021	10/13/2021	**98**	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW20	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
	MW20102021	10/6/2021	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	<1.0	<0.50	<0.20
MW22D	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
	MW22D102021	10/14/2021	0.38 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	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
	MW23102021	10/11/2021	<0.20	<0.20	<10	<10	5.3 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
	MW23102021DUP	10/11/2021	<0.20	<0.20	<10	<10	5.6 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
MW24	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
	MW24102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW24102021DUP	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
MW25	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
	MW25102021	10/12/2021	2.4	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW26102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW27	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
	MW27102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW28102021	10/5/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW29102021	10/5/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW30102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW31102021	10/13/2021	25	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	0.30 J	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW32	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
	MW32102021	10/4/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW33102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	0.42 J	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
MW34	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
	MW34102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW35102021	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	MW35102021DUP	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
MW36D	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
	MW36D102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW36S102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW37102021	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW38102021	10/14/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	MW39102021	10/14/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
SMW01	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
	SMW01102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW01102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW02102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW02102021DUP	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW03	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
	TMW03102021	10/14/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW04102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW06102021	10/14/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW06102021DUP	10/14/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW07102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW08	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
	TMW08102021	10/7/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW10102021	10/7/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW13102021	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW15102021	10/7/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW21	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
	TMW21102021	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW22102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW23102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW24102021	10/14/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW25	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
	TMW25102021	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW26102021	10/4/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW27102021	10/10/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW28102021	10/12/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW29102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW31S	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
	TMW31S102021	10/7/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW33102021	10/8/2021	**44**	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	0.26 J	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW34	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
	TMW34102021	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW34102021DUP	10/13/2021	<0.20	<0.20	<10	<10	6.0 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

TABLE 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW35	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
	TMW35102021	10/6/2021	0.66 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	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
	TMW39S102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW41102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW43102021	10/12/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW44102021	10/5/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW45102021	10/12/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW45102021DUP	10/12/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW46	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
	TMW46102021	10/5/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW47102021	10/14/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	2.5	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20

TABLE 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW57	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
	TMW57102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW59102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW61102021	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW62102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	BGMW07102021	10/4/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW08	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
	BGMW08102021	10/4/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	BGMW09102021	10/6/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
BGMW10	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
	BGMW10102021	10/7/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	BGMW10102021DUP	10/7/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW14A	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
	TMW14A102021	10/12/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW14A102021DUP	10/12/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW16102021	10/4/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
	TMW16102021DUP	10/4/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW17102021	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW18102021	10/5/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW19102021	10/4/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW30102021	10/6/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW31D102021	10/12/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW32102021	10/14/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	TMW36102021	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW37102021	10/6/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW38102021	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	0.99 J	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW39D	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
	TMW39D102021	10/13/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW40D102021	10/15/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW48102021	10/15/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW49102021	10/15/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW50102021	10/6/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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 5-5: SUMMARY OF VOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW51	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
	TMW51102021	10/4/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<0.30	<0.50	<0.50	<1.0	<0.20	<0.50	<0.20	<1.0	<0.30	<1.0	<0.50	<0.20
TMW52	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
	TMW52102021	10/11/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW53102021	10/11/2021	<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
TMW55	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
	TMW55102021	10/8/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW58102021	10/5/2021	<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
TMW63	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
	TMW63102021	10/6/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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	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
	TMW64102021	10/12/2021	<0.20	<0.20	<10	<10	<10	<0.20	<0.20	<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
<	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.
MTBE	Methyl-tert-butyl ether

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	BGMW01102021	10/5/2021	NA	NA	<13	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<13	<6.4	<13
BGMW02	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
	BGMW02102021	10/5/2021	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
BGMW03	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
	BGMW03102021	10/4/2021	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
BGMW11	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
	BGMW11102021	10/11/2021	<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
BGMW12	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
	BGMW12102021	10/7/2021	<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
BGMW13D	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
	BGMW13D102021	10/14/2021	<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
BGMW13S	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
	BGMW13S102021	10/11/2021	<20	**78 J**	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10	<5.1	<10

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	FW31102021	10/12/2021	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	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
	MW01102021	10/5/2021	<20	<120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW02	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
	MW02102021	10/5/2021	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW03	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
	MW03102021	10/11/2021	<20	<110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW18D	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
	MW18D102021	10/13/2021	**28 J**	<99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW20	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
	MW20102021	10/6/2021	<20	**170 J**	<32	<16	<16	<16	<16	<16	<16	<16	<16	<16	<32	<16	<32
MW22D	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
	MW22D102021	10/14/2021	<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
MW23	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
	MW23102021	10/11/2021	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
	MW23102021DUP	10/11/2021	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

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	MW24102021	10/11/2021	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
	MW24102021DUP	10/11/2021	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
MW25	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
	MW25102021	10/12/2021	<20	<95	<12	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12	<6.0	<12
MW26	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
	MW26102021	10/11/2021	<20	**110 J**	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
MW27	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
	MW27102021	10/8/2021	<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
MW28	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
	MW28102021	10/5/2021	<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
MW29	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
	MW29102021	10/5/2021	<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
MW30	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
	MW30102021	10/8/2021	<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
MW31	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
	MW31102021	10/13/2021	<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

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	MW32102021	10/4/2021	<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
MW33	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
	MW33102021	10/11/2021	<20	<100	<32	<16	<16	<16	<16	<16	<16	<16	<16	<16	<32	<16	<32
MW34	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
	MW34102021	10/11/2021	<20	<120	<22	<11	<11	<11	<11	<11	<11	<11	<11	<11	<22	<11	<22
MW35	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
	MW35102021	10/13/2021	<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
	MW35102021DUP	10/13/2021	<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
MW36D	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
	MW36D102021	10/11/2021	<20	<120	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
MW36S	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
	MW36S102021	10/11/2021	<20	**82 J**	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
MW37	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
	MW37102021	10/13/2021	<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

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	MW38102021	10/14/2021	<20	**53 J**	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
MW39	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
	MW39102021	10/14/2021	<20	<98	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
SMW01	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
	SMW01102021	10/8/2021	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
TMW03	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
	TMW03102021	10/14/2021	NA	NA	<22	<11	<11	<11	<11	<11	<11	<11	<11	<11	<22	<11	<22
TMW04	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
	TMW04102021	10/11/2021	NA	NA	<21	<10	<10	<10	<10	<10	<10	<10	<10	<10	<21	<10	<21
TMW06	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
	TMW06102021	10/14/2021	<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
	TMW06102021DUP	10/14/2021	<20	<96	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11	<5.7	<11
TMW07	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
	TMW07102021	10/8/2021	<20	<99	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
TMW08	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
	TMW08102021	10/7/2021	<20	**70 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW10	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
	TMW10102021	10/7/2021	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMW15	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
	TMW15102021	10/7/2021	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
TMW21	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
	TMW21102021	10/13/2021	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TMW22	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
	TMW22102021	10/8/2021	NA	NA	<22	<11	<11	<11	<11	<11	<11	<11	<11	<11	<22	<11	<22
TMW31S	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
	TMW31S102021	10/7/2021	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
TMW33	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
	TMW33102021	10/8/2021	**24 J**	<98	<11	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<11	<5.6	<11
TMW34	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
	TMW34102021	10/13/2021	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	TMW34102021DUP	10/13/2021	<20	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW35	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
	TMW35102021	10/6/2021	<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
TMW39S	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
	TMW39S102021	10/8/2021	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
TMW41	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
	TMW41102021	10/8/2021	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
TMW43	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
	TMW43102021	10/12/2021	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	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
	TMW44102021	10/5/2021	NA	NA	<25	<12	<12	<12	<12	<12	<12	<12	<12	<12	<25	<12	<25
TMW45	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
	TMW45102021	10/12/2021	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
	TMW45102021DUP	10/12/2021	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
TMW46	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
	TMW46102021	10/5/2021	<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
TMW47	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
	TMW47102021	10/14/2021	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 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW57	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
	TMW57102021	10/11/2021	<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
TMW59	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
	TMW59102021	10/11/2021	<20	**97 J**	<24	<12	<12	<12	<12	<12	<12	<12	<12	<12	<24	<12	<24
TMW61	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
	TMW61102021	10/13/2021	<20	<98	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<11
TMW62	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
	TMW62102021	10/8/2021	<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
Bedrock Wells																	
BGMW07	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
	BGMW07102021	10/4/2021	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
BGMW08	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
	BGMW08102021	10/4/2021	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
BGMW09	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
	BGMW09102021	10/6/2021	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
BGMW10	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
	BGMW10102021	10/7/2021	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
	BGMW10102021DUP	10/7/2021	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 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW14A	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
	TMW14A102021	10/12/2021	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
	TMW14A102021DUP	10/12/2021	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
TMW16	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
	TMW16102021	10/4/2021	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
	TMW16102021DUP	10/4/2021	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
TMW18	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
	TMW18102021	10/5/2021	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
TMW19	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
	TMW19102021	10/4/2021	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
TMW30	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
	TMW30102021	10/6/2021	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
TMW31D	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
	TMW31D102021	10/12/2021	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	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
	TMW32102021	10/14/2021	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
TMW36	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
	TMW36102021	10/13/2021	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

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW37	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
	TMW37102021	10/6/2021	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
TMW38	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
	TMW38102021	10/13/2021	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
TMW39D	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
	TMW39D102021	10/13/2021	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
TMW40D	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
	TMW40D102021	10/15/2021	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
TMW48	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
	TMW48102021	10/15/2021	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
TMW49	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
	TMW49102021	10/15/2021	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
TMW50	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
	TMW50102021	10/6/2021	**12 J**	<110	<21	<10	<10	<10	<10	<10	<10	<10	<10	<10	<21	<10	<21
TMW51	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
	TMW51102021	10/4/2021	<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

TABLE 5-6: SUMMARY OF TPH AND SVOC ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW52	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
	TMW52102021	10/11/2021	<20	**87 J**	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
TMW53	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
	TMW53102021	10/11/2021	<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
TMW55	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
	TMW55102021	10/8/2021	<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
TMW58	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
	TMW58102021	10/5/2021	<20	**65 J**	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<12
TMW63	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
	TMW63102021	10/6/2021	<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
TMW64	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
	TMW64102021	10/12/2021	<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

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 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	4,4´-DDD	4,4´-DDE	4,4´-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
			µg/L																				
SL			0.32	0.46	2.3	0.0092	0.072	2	0.25	0.25	0.018	100	100	110	2	2	2	0.2	2	0.4	0.2	40	3
Alluvial Wells																							
BGMW01	BGMW01042023	4/18/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	BGMW01102022	10/5/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	BGMW01042022	4/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	BGMW01102021	10/5/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
BGMW02	BGMW02042023	4/18/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	BGMW02102022	10/5/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	BGMW02042022	4/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	BGMW02102021	10/5/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
BGMW03	BGMW03042023	4/18/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	BGMW03102022	10/3/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.53
	BGMW03102022DUP	10/3/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	BGMW03042022	4/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
BGMW11	BGMW11042023	4/19/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	BGMW11102022	10/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	BGMW11042022	4/15/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.48
	BGMW11102021	10/11/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
BGMW12	BGMW12042023	4/17/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	BGMW12102022	10/3/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	BGMW12042022	4/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	BGMW12102021	10/7/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
BGMW13D	BGMW13D042023	4/25/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	BGMW13D102022	10/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	BGMW13D042022	4/21/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	BGMW13D042022DUP	4/21/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	BGMW13D102021	10/14/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
BGMW13S	BGMW13S042023	4/25/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.61
	BGMW13S102022	10/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	BGMW13S102022DUP	10/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	BGMW13S042022	4/21/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.52
	BGMW13S102021	10/11/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
FW31	FW31042023	4/26/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.57
	FW31102022	10/10/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	FW31042022	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	FW31102021	10/12/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
MW01	MW01042023	4/18/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	MW01102022	10/4/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	MW01042022	4/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.52
	MW01102021	10/5/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
MW02	MW02042023	4/18/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
	MW02102022	10/4/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.59
	MW02042022	4/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	MW02102021	10/5/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
MW20	MW20042023	4/26/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	MW20102022	10/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.19	<0.49
	MW20042022	4/20/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	MW20102021	10/6/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.19	<0.48

TABLE 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	4,4´-DDD	4,4´-DDE	4,4´-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
			µg/L																				
SL			0.32	0.46	2.3	0.0092	0.072	2	0.25	0.25	0.018	100	100	110	2	2	2	0.2	2	0.4	0.2	40	3
MW22D	MW22D042023	4/27/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.53
	MW22D102022	10/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	MW22D042022	4/21/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	MW22D102021	10/14/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
MW23	MW23042023	4/24/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.60
	MW23102022	10/3/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	MW23042022	4/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.24	<0.60
	MW23102021	10/11/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.61
	MW23102021DUP	10/11/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.59
MW24	MW24042023	4/18/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.57
	MW24102022	10/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	MW24042022	4/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	MW24042022DUP	4/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	MW24102021	10/11/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.60
	MW24102021DUP	10/11/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
MW25	MW25042023	4/21/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	MW25102022	10/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	MW25042022	4/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	MW25102021	10/12/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
MW26	MW26042023	4/24/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.19	<0.48
	MW26102022	10/10/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.19	<0.48
	MW26042022	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	MW26102021	10/11/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
MW27	MW27042023	4/24/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	MW27102022	10/7/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.57
	MW27042022	4/20/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.52
	MW27102021	10/8/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
MW28	MW28042023	4/18/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.60
	MW28102022	10/4/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	MW28042022	4/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	MW28102021	10/5/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
MW29	MW29042023	4/21/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
	MW29102022	10/5/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	MW29042022	4/14/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	MW29102021	10/5/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
MW30	MW30042023	4/26/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.49
	MW30102022	10/7/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	MW30042022	4/20/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.52
	MW30102021	10/8/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
MW31	MW31042023	4/26/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	MW31102022	10/7/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	MW31042022	4/21/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	MW31102021	10/13/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
MW32	MW32042023	4/17/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.19	<0.49
	MW32102022	10/3/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	MW32042022	4/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.24	<0.58
	MW32102021	10/4/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55

TABLE 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
			µg/L																				
SL			0.32	0.46	2.3	0.0092	0.072	2	0.25	0.25	0.018	100	100	110	2	2	2	0.2	2	0.4	0.2	40	3
MW33	MW33042023	4/24/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
	MW33102022	10/10/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	MW33042022	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.52
	MW33102021	10/11/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
MW34	MW34042023	4/24/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	MW34102022	10/10/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	MW34042022	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	MW34102021	10/11/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.57
	MW34042021	4/19/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.19	<0.48
MW35	MW35042023	4/24/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	MW35102022	10/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	MW35102022DUP	10/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	MW35042022	4/20/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	MW35042022DUP	4/20/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	MW35102021	10/13/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	MW35102021DUP	10/13/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.57
MW36D	MW36D042023	4/24/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.60
	MW36D102022	10/14/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.61
	MW36D042022	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	MW36D042022DUP	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.52
	MW36D102021	10/11/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
MW36S	MW36S042023	4/24/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.57
	MW36S102022	10/14/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.60
	MW36S042022	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.24	<0.60
	MW36S102021	10/11/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
MW37	MW37042023	4/25/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	MW37102022	10/10/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	MW37102022DUP	10/10/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.49
	MW37042022	4/20/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.52
	MW37102021	10/13/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
MW38	MW38042023	4/27/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
	MW38102022	10/10/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	MW38042022	4/22/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	MW38102021	10/14/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
MW39	MW39042023	4/27/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	MW39102022	10/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	MW39042022	4/22/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	MW39102021	10/14/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
TMW08	TMW08042023	4/19/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW08102022	10/5/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	TMW08042022	4/14/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.58
	TMW08102021	10/7/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
TMW23	TMW23042023	4/21/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	TMW23102022	10/7/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.19	<0.48
	TMW23042022	4/15/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW23102021	10/8/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52

TABLE 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	4,4´-DDD	4,4´-DDE	4,4´-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
			µg/L																				
SL			0.32	0.46	2.3	0.0092	0.072	2	0.25	0.25	0.018	100	100	110	2	2	2	0.2	2	0.4	0.2	40	3
TMW24	TMW24042023	4/24/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.59
	TMW24102022	10/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW24042022	4/19/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	TMW24102021	10/14/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
TMW31S	TMW31S042023	4/19/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW31S102022	10/6/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	TMW31S042022	4/14/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	TMW31S102021	10/7/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.53
TMW35	TMW35042023	4/26/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
	TMW35102022	10/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.49
	TMW35042022	4/20/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW35102021	10/6/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
TMW39S	TMW39S042023	4/20/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.59
	TMW39S102022	10/7/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.19	<0.49
	TMW39S042022	4/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW39S102021	10/8/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
TMW41	TMW41042023	4/21/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.59
	TMW41102022	10/7/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW41042022	4/15/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW41102021	10/8/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
TMW43	TMW43042023	4/25/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	TMW43042023DUP	4/25/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW43102022	10/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW43042022	4/19/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW43102021	10/12/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
TMW44	TMW44042023	4/18/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW44102022	10/4/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW44042022	4/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	TMW44102021	10/5/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.53
TMW45	TMW45042023	4/25/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	TMW45102022	10/12/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
	TMW45042022	4/19/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	TMW45102021	10/12/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW45102021DUP	10/12/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
TMW46	TMW46042023	4/18/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	TMW46102022	10/4/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.59
	TMW46102022DUP	10/4/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	TMW46042022	4/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	TMW46102021	10/5/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
TMW47	TMW47042023	4/27/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW47102022	10/13/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	TMW47042022	4/21/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW47102021	10/14/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
TMW57	TMW57042023	4/24/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	TMW57102022	10/10/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW57042022	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.48
	TMW57102021	10/11/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.53

TABLE 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	4,4´-DDD	4,4´-DDE	4,4´-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
			µg/L																				
SL			0.32	0.46	2.3	0.0092	0.072	2	0.25	0.25	0.018	100	100	110	2	2	2	0.2	2	0.4	0.2	40	3
TMW59	TMW59042023	4/24/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW59102022	10/10/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW59042022	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW59102021	10/11/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
TMW61	TMW61042023	4/24/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.59
	TMW61102022	10/10/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.19	<0.49
	TMW61042022	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.48
	TMW61102021	10/13/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
TMW62	TMW62042023	4/21/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW62102022	10/7/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW62042022	4/15/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW62102021	10/8/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
Bedrock Wells																							
BGMW07	BGMW07042023	4/17/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.59
	BGMW07102022	10/3/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	BGMW07042022	4/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	BGMW07102021	10/4/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
BGMW08	BGMW08042023	4/17/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.19	<0.49
	BGMW08102022	10/3/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	BGMW08042022	4/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.24	<0.58
	BGMW08102021	10/4/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
BGMW09	BGMW09042023	4/17/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	BGMW09042023DUP	4/17/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	BGMW09102022	10/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	BGMW09042022	4/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	BGMW09042022DUP	4/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	BGMW09102021	10/6/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
BGMW10	BGMW10042023	4/18/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.53
	BGMW10042023DUP	4/18/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	BGMW10102022	10/4/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	BGMW10042022	4/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	BGMW10102021	10/7/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	BGMW10102021DUP	10/7/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
TMW30	TMW30042023	4/19/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	TMW30102022	10/5/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	TMW30042022	4/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW30102021	10/6/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
TMW31D	TMW31D042023	4/25/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	TMW31D102022	10/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	TMW31D042022	4/19/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	TMW31D102021	10/12/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
TMW32	TMW32042023	4/27/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.53
	TMW32102022	10/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.53
	TMW32042022	4/21/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.52
	TMW32102021	10/14/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51

TABLE 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
			µg/L																				
SL			0.32	0.46	2.3	0.0092	0.072	2	0.25	0.25	0.018	100	100	110	2	2	2	0.2	2	0.4	0.2	40	3
TMW36	TMW36042023	4/17/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW36102022	10/3/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW36042022	4/11/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW36102021	10/13/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
TMW37	TMW37042023	4/18/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.60
	TMW37102022	10/4/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	TMW37042022	4/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	TMW37102021	10/6/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.19	<0.49
TMW38	TMW38042023	4/27/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	TMW38102022	10/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW38042022	4/21/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.52
	TMW38102021	10/13/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
TMW39D	TMW39D042023	4/25/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.62
	TMW39D102022	10/14/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	TMW39D042022	4/22/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.24	<0.58
	TMW39D102021	10/13/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
TMW40D	TMW40D042023	4/25/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW40D102022	10/14/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	TMW40D042022	4/22/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.24	<0.58
	TMW40D102021	10/15/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
TMW48	TMW48042023	4/25/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	TMW48042023DUP	4/25/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	TMW48102022	10/14/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	TMW48042022	4/22/2022	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.24	<0.62
	TMW48102021	10/15/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
TMW49	TMW49042023	4/26/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW49102022	10/13/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.59
	TMW49042022	4/22/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW49102021	10/15/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
TMW50	TMW50042023	4/19/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	TMW50102022	10/5/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	TMW50042022	4/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW50042022DUP	4/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW50102021	10/6/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
TMW51	TMW51042023	4/21/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	TMW51102022	10/5/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW51102022DUP	10/5/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	TMW51042022	4/14/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW51102021	10/4/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
TMW52	TMW52042023	4/25/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
	TMW52102022	10/10/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	TMW52042022	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW52102021	10/11/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51

TABLE 5-7: SUMMARY OF PESTICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	4,4´-DDD	4,4´-DDE	4,4´-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
			µg/L																				
SL			0.32	0.46	2.3	0.0092	0.072	2	0.25	0.25	0.018	100	100	110	2	2	2	0.2	2	0.4	0.2	40	3
TMW53	TMW53042023	4/24/2023	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.24	<0.61
	TMW53102022	10/10/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW53042022	4/18/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW53102021	10/11/2021	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
TMW55	TMW55042023	4/21/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.53
	TMW55102022	10/7/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.23	<0.58
	TMW55042022	4/15/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.48
	TMW55102021	10/8/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
TMW58	TMW58042023	4/17/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW58102022	10/4/2022	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.22	<0.56
	TMW58042022	4/12/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.56
	TMW58102021	10/5/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
TMW63	TMW63042023	4/19/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.21	<0.52
	TMW63102022	10/5/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.50
	TMW63042022	4/13/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	TMW63102021	10/6/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
TMW64	TMW64042023	4/26/2023	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51
	TMW64102022	10/7/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.55
	TMW64042022	4/19/2022	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.22	<0.54
	TMW64102021	10/12/2021	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.20	<0.51

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 5-8: SUMMARY OF HERBICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	2,4-D	2,4-DB	2,4,5-T	2,4,5-TP	Dalapon	Dicamba	Dichloroprop	Dinoseb	MCPA
			µg/L								
SL			70	–	160	50	200	570	–	7	7.5
Alluvial Wells											
BGMW11	BGMW11042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW11102022	10/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW11042022	4/15/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW11102021	10/11/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
BGMW12	BGMW12042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW12102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW12042022	4/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW12102021	10/7/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
BGMW13D	BGMW13D042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW13D102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW13D042022	4/21/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW13D042022DUP	4/21/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW13D102021	10/14/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
BGMW13S	BGMW13S042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW13S102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW13S102022DUP	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW13S042022	4/21/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW13S102021	10/11/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW25	MW25042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW25102022	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW25042022	4/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW25102021	10/12/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW26	MW26042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW26102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW26042022	4/18/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW26102021	10/11/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW27	MW27042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW27102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW27042022	4/20/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW27102021	10/8/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW28	MW28042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW28102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW28042022	4/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW28102021	10/5/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW29	MW29042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW29102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW29042022	4/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW29102021	10/5/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW30	MW30042023	4/26/2023	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40
	MW30102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW30042022	4/20/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW30102021	10/8/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW31	MW31042023	4/26/2023	<0.20	0.15 J	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW31102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW31042022	4/21/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW31102021	10/13/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW32	MW32042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW32102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW32042022	4/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW32102021	10/4/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW33	MW33042023	4/24/2023	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40
	MW33102022	10/10/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100
	MW33042022	4/18/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW33102021	10/11/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW34	MW34042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW34102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW34042022	4/18/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW34102021	10/11/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20

TABLE 5-8: SUMMARY OF HERBICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	2,4-D	2,4-DB	2,4,5-T	2,4,5-TP	Dalapon	Dicamba	Dichloroprop	Dinoseb	MCPA
			µg/L								
SL			70	–	160	50	200	570	–	7	7.5
MW35	MW35042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW35102022	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW35102022DUP	10/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW35042022	4/20/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW35042022DUP	4/20/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW35102021	10/13/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW35102021DUP	10/13/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW36D	MW36D042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW36D102022	10/14/2022	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40
	MW36D042022	4/18/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW36D042022DUP	4/18/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW36D102021	10/11/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW36S	MW36S042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW36S102022	10/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW36S042022	4/18/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW36S102021	10/11/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW37	MW37042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW37102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW37102022DUP	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW37042022	4/20/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW37102021	10/13/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW38	MW38042023	4/27/2023	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40
	MW38102022	10/10/2022	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40
	MW38042022	4/22/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW38102021	10/14/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
MW39	MW39042023	4/27/2023	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40
	MW39102022	10/13/2022	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40
	MW39042022	4/22/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	MW39102021	10/14/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW57	TMW57042023	4/24/2023	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40
	TMW57102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW57042022	4/18/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW57102021	10/11/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW59	TMW59042023	4/24/2023	<0.40	0.51 J	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40
	TMW59102022	10/10/2022	<0.40	0.66 J	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<40
	TMW59042022	4/18/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW59102021	10/11/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW61	TMW61042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW61102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW61042022	4/18/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW61102021	10/13/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW62	TMW62042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW62102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW62042022	4/15/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW62102021	10/8/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.19 J	<20
Bedrock Wells											
BGMW07	BGMW07042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW07102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW07042022	4/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW07102021	10/4/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
BGMW08	BGMW08042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW08102022	10/3/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW08042022	4/11/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW08102021	10/4/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
BGMW09	BGMW09042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW09042023DUP	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW09102022	10/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW09042022	4/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW09042022DUP	4/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW09102021	10/6/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20

TABLE 5-8: SUMMARY OF HERBICIDES ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	2,4-D	2,4-DB	2,4,5-T	2,4,5-TP	Dalapon	Dicamba	Dichloroprop	Dinoseb	MCPA
			µg/L								
SL			70	–	160	50	200	570	–	7	7.5
BGMW10	BGMW10042023	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW10042023DUP	4/18/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW10102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW10042022	4/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW10102021	10/7/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	BGMW10102021DUP	10/7/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW50	TMW50042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW50102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW50042022	4/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW50042022DUP	4/13/2022	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<10
	TMW50102021	10/6/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW51	TMW51042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW51102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW51102022DUP	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW51042022	4/14/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW51102021	10/4/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW52	TMW52042023	4/25/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW52102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW52042022	4/18/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW52102021	10/11/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW53	TMW53042023	4/24/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW53102022	10/10/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW53042022	4/18/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW53102021	10/11/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW55	TMW55042023	4/21/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW55102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW55042022	4/15/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW55102021	10/8/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW58	TMW58042023	4/17/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW58102022	10/4/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW58042022	4/12/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW58102021	10/5/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW63	TMW63042023	4/19/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW63102022	10/5/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW63042022	4/13/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW63102021	10/6/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
TMW64	TMW64042023	4/26/2023	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW64102022	10/7/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW64042022	4/19/2022	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20
	TMW64102021	10/12/2021	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<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 5-9: SUMMARY OF PCB ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
			µg/L						
SL			1.4	0.047	0.047	0.078	0.078	0.078	0.078
Alluvial Wells									
BGMW11	BGMW11042023	4/19/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	BGMW11102022	10/13/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	BGMW11042022	4/15/2022	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
	BGMW11102021	10/11/2021	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
BGMW12	BGMW12042023	4/17/2023	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
	BGMW12102022	10/3/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	BGMW12042022	4/11/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	BGMW12102021	10/7/2021	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
BGMW13D	BGMW13D042023	4/25/2023	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
	BGMW13D102022	10/12/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	BGMW13D042022	4/21/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	BGMW13D042022DUP	4/21/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	BGMW13D102021	10/14/2021	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
BGMW13S	BGMW13S042023	4/25/2023	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
	BGMW13S102022	10/12/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	BGMW13S102022DUP	10/12/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	BGMW13S042022	4/21/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	BGMW13S102021	10/11/2021	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
MW25	MW25042023	4/21/2023	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	MW25102022	10/11/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	MW25042022	4/13/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	MW25102021	10/12/2021	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
MW26	MW26042023	4/24/2023	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
	MW26102022	10/10/2022	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
	MW26042022	4/18/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	MW26102021	10/11/2021	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
MW27	MW27042023	4/24/2023	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	MW27102022	10/7/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	MW27042022	4/20/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW27102021	10/8/2021	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
MW28	MW28042023	4/18/2023	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
	MW28102022	10/4/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	MW28042022	4/13/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	MW28102021	10/5/2021	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
MW29	MW29042023	4/21/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	MW29102022	10/5/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	MW29042022	4/14/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	MW29102021	10/5/2021	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
MW30	MW30042023	4/26/2023	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
	MW30102022	10/7/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW30042022	4/20/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW30102021	10/8/2021	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
MW31	MW31042023	4/26/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	MW31102022	10/7/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW31042022	4/21/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	MW31102021	10/13/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE 5-9: SUMMARY OF PCB ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
			µg/L						
SL			1.4	0.047	0.047	0.078	0.078	0.078	0.078
MW32	MW32042023	4/17/2023	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
	MW32102022	10/3/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW32042022	4/11/2022	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
	MW32102021	10/4/2021	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
MW33	MW33042023	4/24/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	MW33102022	10/10/2022	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
	MW33042022	4/18/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW33102021	10/11/2021	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
MW34	MW34042023	4/24/2023	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
	MW34102022	10/10/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW34042022	4/18/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	MW34102021	10/11/2021	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57
MW35	MW35042023	4/24/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW35102022	10/11/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW35102022DUP	10/11/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	MW35042022	4/20/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	MW35042022DUP	4/20/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW35102021	10/13/2021	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	MW35102021DUP	10/13/2021	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57
MW36D	MW36D042023	4/24/2023	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
	MW36D102022	10/14/2022	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
	MW36D042022	4/18/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW36D042022DUP	4/18/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW36D102021	10/11/2021	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
MW36S	MW36S042023	4/24/2023	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57
	MW36S102022	10/14/2022	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
	MW36S042022	4/18/2022	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
	MW36S102021	10/11/2021	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
MW37	MW37042023	4/25/2023	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	MW37102022	10/10/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	MW37102022DUP	10/10/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	MW37042022	4/20/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW37102021	10/13/2021	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
MW38	MW38042023	4/27/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	MW38102022	10/10/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	MW38042022	4/22/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW38102021	10/14/2021	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW39	MW39042023	4/27/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW39102022	10/13/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	MW39042022	4/22/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	MW39102021	10/14/2021	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
TMW57	TMW57042023	4/24/2023	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	TMW57102022	10/10/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	TMW57042022	4/18/2022	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
	TMW57102021	10/11/2021	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
TMW59	TMW59042023	4/24/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	TMW59102022	10/10/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	TMW59042022	4/18/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	TMW59102021	10/11/2021	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51

TABLE 5-9: SUMMARY OF PCB ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
			µg/L						
SL			1.4	0.047	0.047	0.078	0.078	0.078	0.078
TMW61	TMW61042023	4/24/2023	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
	TMW61102022	10/10/2022	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
	TMW61042022	4/18/2022	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
	TMW61102021	10/13/2021	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
TMW62	TMW62042023	4/21/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	TMW62102022	10/7/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	TMW62042022	4/15/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	TMW62102021	10/8/2021	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
Bedrock Wells									
BGMW07	BGMW07042023	4/17/2023	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
	BGMW07102022	10/3/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	BGMW07042022	4/11/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	BGMW07102021	10/4/2021	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
BGMW08	BGMW08042023	4/17/2023	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
	BGMW08102022	10/3/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	BGMW08042022	4/11/2022	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
	BGMW08102021	10/4/2021	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
BGMW09	BGMW09042023	4/17/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	BGMW09042023DUP	4/17/2023	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
	BGMW09102022	10/12/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	BGMW09042022	4/12/2022	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	BGMW09042022DUP	4/12/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	BGMW09102021	10/6/2021	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
BGMW10	BGMW10042023	4/18/2023	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
	BGMW10042023DUP	4/18/2023	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
	BGMW10102022	10/4/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	BGMW10042022	4/12/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	BGMW10102021	10/7/2021	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
	BGMW10102021DUP	10/7/2021	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
TMW50	TMW50042023	4/19/2023	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	TMW50102022	10/5/2022	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
	TMW50042022	4/13/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	TMW50042022DUP	4/13/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	TMW50102021	10/6/2021	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
TMW51	TMW51042023	4/21/2023	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
	TMW51102022	10/5/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	TMW51102022DUP	10/5/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	TMW51042022	4/14/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	TMW51102021	10/4/2021	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
TMW52	TMW52042023	4/25/2023	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	TMW52102022	10/10/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	TMW52042022	4/18/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	TMW52102021	10/11/2021	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
TMW53	TMW53042023	4/24/2023	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
	TMW53102022	10/10/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	TMW53042022	4/18/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	TMW53102021	10/11/2021	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56

TABLE 5-9: SUMMARY OF PCB ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Date	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
			µg/L						
SL			1.4	0.047	0.047	0.078	0.078	0.078	0.078
TMW55	TMW55042023	4/21/2023	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
	TMW55102022	10/7/2022	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
	TMW55042022	4/15/2022	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
	TMW55102021	10/8/2021	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
TMW58	TMW58042023	4/17/2023	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	TMW58102022	10/4/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	TMW58042022	4/12/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	TMW58102021	10/5/2021	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
TMW63	TMW63042023	4/19/2023	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	TMW63102022	10/5/2022	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	TMW63042022	4/13/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	TMW63102021	10/6/2021	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
TMW64	TMW64042023	4/26/2023	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
	TMW64102022	10/7/2022	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
	TMW64042022	4/19/2022	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
	TMW64102021	10/12/2021	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51

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 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	**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
	BGMW01102021	**10/5/2021**	<250	<2.5	<1.2	18	<1.0	<1.0	67,000	<1.0	<1.0	<5.0	<250	<0.50	38,000	**280**	<2.5	450 J	4.2 J	<1.0	940,000	<1.0	2.8 J	<50	<0.20
BGMW02	**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
	BGMW02102021	**10/5/2021**	<250	<2.5	<1.2	12	<1.0	<1.0	59,000	<1.0	<1.0	<5.0	<250	<0.50	82,000	68	<2.5	420 J	35	<1.0	810,000	<1.0	5.3	<50	<0.20
BGMW03	**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
	BGMW03102021	**10/4/2021**	110 J	<2.5	2.3 J	18	<1.0	<1.0	31,000	1.5 J	<1.0	3.9 J	<250	<0.50	8,300	22	1.9 J	880 J	28	<1.0	690,000	<1.0	14	<50	<0.20
BGMW11	**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
	BGMW11102021	**10/11/2021**	620 J	<5.0	1.4 J	16	<2.0	<2.0	110,000	<2.0	<2.0	<10	540 J	<1.0	45,000	**310**	<5.0	1,200 J	<3.0	<2.0	1,100,000	<2.0	7.1 J	<100	<0.20
BGMW12	**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
	BGMW12102021	**10/7/2021**	3,600	<2.5	1.1 J	61	0.64 J	<1.0	53,000	2.4 J	1.8 J	5.0 J	**2,600**	3.1 J	16,000	**270**	3.2 J	740 J	<1.5	<1.0	450,000	<1.0	13	26 J	<0.20
BGMW13D	**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
	BGMW13D102021	**10/14/2021**	<250	<2.5	<1.2	230	<1.0	<1.0	15,000	0.68 J	<1.0	<5.0	240 J	<0.50	4,200	130	<2.5	750 J	<1.5	<1.0	280,000	<1.0	3.3 J	<50	<0.20
BGMW13S	**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
	BGMW13S102021	**10/11/2021**	71 J	<0.50	0.37 J	190	<0.20	<0.20	26,000	0.81 J	1.0	0.57 J	560	<0.10	8,300	**320**	0.48 J	930	<0.30	<0.20	280,000	<0.20	1.6	<10	<0.20
FW31	**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
	FW31102021	**10/12/2021**	730	<2.5	5.5	23	<1.0	<1.0	8,800	0.66 J	<1.0	<5.0	180 J	0.61 J	2,800	100	<2.5	1,500	<1.5	<1.0	520,000	<1.0	12	<50	<0.20
MW01	**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
	MW01102021	**10/5/2021**	280 J	<2.5	<1.2	16	<1.0	<1.0	34,000	0.61 J	<1.0	<5.0	160 J	0.25 J	7,900	49	1.7 J	620 J	8.3	<1.0	800,000	<1.0	<2.5	37 J	<0.20
MW02	**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
	MW02102021	**10/5/2021**	170 J	<2.5	<1.2	35	<1.0	<1.0	99,000	<1.0	<1.0	<5.0	<250	<0.50	22,000	70	<2.5	560 J	6.2	<1.0	520,000	<1.0	<2.5	120	<0.20
MW03	**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
	MW03102021	**10/11/2021**	160 J	<2.5	0.73 J	13	<1.0	<1.0	65,000	<1.0	<1.0	<5.0	170 J	<0.50	13,000	18	<2.5	360 J	30	<1.0	1,000,000	<1.0	3.7 J	<50	<0.20

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	MW18D102021	10/13/2021	<500	<5.0	<2.5	16	<2.0	<2.0	73,000	<2.0	<2.0	<10	<500	<1.0	20,000	**790**	2.7 J	550 J	3.1 J	<2.0	2,100,000	<2.0	2.7 J	<100	<0.20
MW20	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
	MW20102021	10/6/2021	<1,000	<10	<5.0	17 J	<4.0	<4.0	260,000	<4.0	<4.0	<20	<1,000	<2.0	53,000	**1,400**	<10	<2,000	**90**	<4.0	3,000,000	<4.0	<10	120 J	<0.20
MW22D	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
	MW22D102021	10/14/2021	<400	<5.0	<2.5	9.9 J	<2.0	<2.0	89,000	<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	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
	MW23102021	10/11/2021	<250	<2.5	1.6 J	220	<1.0	<1.0	17,000	<1.0	<1.0	<5.0	160 J	<0.50	7,000	73	<2.5	1,000	<1.5	<1.0	460,000	<1.0	4.8 J	<50	<0.20
	MW23102021DUP	10/11/2021	<250	<2.5	1.6 J	230	<1.0	<1.0	17,000	11	<1.0	<5.0	210 J	0.42 J	7,100	76	15	1,000	<1.5	<1.0	460,000	<1.0	5.2	<50	<0.20
MW24	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
	MW24102021	10/11/2021	<50	<0.50	0.71 J	310	<0.20	<0.20	32,000	0.13 J	<0.20	<1.0	**1,800**	<0.10	11,000	**470**	<0.50	730	<0.30	<0.20	260,000	<0.20	0.47 J	<10	<0.20
	MW24102021DUP	10/11/2021	<50	<0.50	0.85 J	290	<0.20	<0.20	32,000	0.13 J	<0.20	<1.0	**1,800**	<0.10	11,000	**430**	<0.50	750	<0.30	<0.20	260,000	<0.20	0.85 J	<10	<0.20
MW25	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
	MW25102021	10/12/2021	510 J	<5.0	<2.5	18	<2.0	<2.0	120,000	<2.0	<2.0	<10	<500	<1.0	25,000	68	<5.0	1,100 J	**61**	<2.0	1,400,000	<2.0	3.3 J	<100	<0.20
MW26	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
	MW26102021	10/11/2021	<250	<2.5	0.81 J	15	<1.0	<1.0	100,000	<1.0	<1.0	<5.0	<250	<0.50	18,000	**1,200**	<2.5	630 J	<1.5	<1.0	970,000	<1.0	4.8 J	<50	<0.20
MW27	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
	MW27102021	10/8/2021	1,100	<2.5	2.1 J	30	<1.0	<1.0	83,000	2.7 J	1.3 J	21	**1,200**	1.8 J	15,000	**200**	2.6 J	980 J	32	<1.0	900,000	<1.0	6.7	<50	<0.20
MW28	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
	MW28102021	10/5/2021	220 J	<2.5	0.90 J	34	<1.0	<1.0	70,000	<1.0	<1.0	17	160 J	<0.50	17,000	81	1.6 J	640 J	8.7	<1.0	1,000,000	<1.0	2.5 J	28 J	<0.20
MW29	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
	MW29102021	10/5/2021	530	<2.5	1.9 J	46	<1.0	<1.0	44,000	1.0 J	0.75 J	110	460 J	0.53 J	8,900	**220**	3.1 J	650 J	9.1	<1.0	880,000	<1.0	4.1 J	48 J	<0.20
MW30	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
	MW30102021	10/8/2021	300 J	<2.5	2.4 J	35	<1.0	<1.0	25,000	0.57 J	0.60 J	23	230 J	0.74 J	5,400	**210**	1.8 J	590 J	<1.5	<1.0	890,000	<1.0	5.7	<50	<0.20

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
MW31	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
	MW31102021	10/13/2021	660 J	<5.0	<2.5	19	<2.0	<2.0	160,000	1.0 J	<2.0	20	400 J	0.89 J	33,000	**240**	2.5 J	760 J	20	<2.0	1,900,000	<2.0	<2.5	<100	<0.20
MW32	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
	MW32102021	10/4/2021	1,700	<0.50	1.6 J	26	<0.20	<0.20	160,000	4.8 J	3.7 J	100	**2,200**	3.6 J	28,000	**540**	4.6 J	700 J	**100**	<0.20	1,300,000	<0.20	4.9 J	53 J	<0.20
MW33	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
	MW33102021	10/11/2021	1,500	<2.5	4.6 J	39	<1.0	<1.0	12,000	2.2 J	0.95 J	3.0 J	620 J	0.97 J	1,900	86	2.3 J	2,600	<1.5	<1.0	570,000	<1.0	20	<50	<0.20
MW34	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
	MW34102021	10/11/2021	1,800	<5.0	2.3 J	36	<2.0	<2.0	73,000	1.7 J	1.0 J	<10	940 J	0.70 J	17,000	**660**	2.7 J	860 J	1.5 J	<2.0	1,500,000	<2.0	12	<100	<0.20
MW35	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
	MW35102021	10/13/2021	210 J	<2.5	<1.2	13	<1.0	<1.0	20,000	0.86 J	<1.0	<5.0	130 J	<0.50	2,800	43	<2.5	1,100	0.95 J	<1.0	770,000	<1.0	3.0 J	<50	<0.20
	MW35102021DUP	10/13/2021	210 J	<2.5	<1.2	12	<1.0	<1.0	20,000	<1.0	<1.0	<5.0	<250	<0.50	2,800	44	<2.5	1,100	<1.5	<1.0	760,000	<1.0	1.6 J	<50	<0.20
MW36D	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
	MW36D102021	10/11/2021	<250	<2.5	<1.2	200	<1.0	<1.0	38,000	<1.0	<1.0	<5.0	990 J	<0.50	14,000	**230**	<2.5	860 J	<1.5	<1.0	550,000	<1.0	1.7 J	<50	<0.20
MW36S	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
	MW36S102021	10/11/2021	530 J	<5.0	<2.5	12	<2.0	<2.0	320,000	<2.0	2.5 J	<10	480 J	<1.0	140,000	**1,300**	<5.0	1,700 J	1.6 J	<2.0	2,000,000	<2.0	5.0 J	<100	<0.20
MW37	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
	MW37102021	10/13/2021	1,600	<2.5	1.9 J	65	<1.0	<1.0	37,000	0.68 J	1.7 J	3.1 J	480 J	1.7 J	5,700	**420**	3.6 J	380 J	<1.5	<1.0	650,000	<1.0	7.5	56 J	<0.20
MW38	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
	MW38102021	10/14/2021	630	<2.5	<1.2	27	<1.0	<1.0	34,000	<1.0	0.93 J	3.6 J	160 J	<0.50	7,200	**770**	4.3 J	290 J	<1.5	<1.0	720,000	<1.0	5.1	<50	<0.20
MW39	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
	MW39102021	10/14/2021	1,200	<5.0	2.7 J	44	<2.0	<2.0	41,000	<2.0	1.3 J	<10	510 J	0.90 J	14,000	**260**	3.1 J	640 J	<3.0	<2.0	1,400,000	<2.0	12	<100	<0.20
SMW01	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
	SMW01102021	10/8/2021	<250	<2.5	2.6 J	39	<1.0	<1.0	21,000	<1.0	0.93 J	3.4 J	<250	<0.50	7,200	**540**	2.7 J	270 J	0.88 J	<1.0	1,000,000	<1.0	7.1	<50	<0.20

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW01	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
	TMW01102021	10/8/2021	<250	<2.5	0.88 J	10	<1.0	<1.0	110,000	9.8	<1.0	4.2 J	<250	<0.50	20,000	12	3.6 J	290 J	3.3 J	<1.0	540,000	<1.0	13	<50	<0.20
TMW02	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
	TMW02102021	10/8/2021	<250	<2.5	1.3 J	7.4	<1.0	<1.0	24,000	0.83 J	<1.0	<5.0	<250	<0.50	3,200	<2.5	<2.5	1,300	**78**	<1.0	1,000,000	<1.0	41	<50	<0.20
	TMW02102021DUP	10/8/2021	<250	<2.5	1.4 J	7.1	<1.0	<1.0	24,000	<1.0	<1.0	<5.0	<250	<0.50	2,900	<2.5	<2.5	1,300	**76**	<1.0	1,000,000	<1.0	40	<50	<0.20
TMW03	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
	TMW03102021	10/14/2021	100 J	<2.5	<1.2	12	<1.0	<1.0	51,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	7.5	<2.5	330 J	**55**	<1.0	940,000	<1.0	1.9 J	<50	<0.20
TMW04	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
	TMW04102021	10/11/2021	<250	<2.5	1.1 J	6.8	<1.0	<1.0	28,000	1.6 J	<1.0	<5.0	<250	<0.50	5,200	<2.5	<2.5	590 J	**77**	<1.0	830,000	<1.0	18	<50	<0.20
TMW06	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
	TMW06102021	10/14/2021	<250	<2.5	<1.2	14	<1.0	<1.0	35,000	<1.0	<1.0	<5.0	<250	<0.50	7,700	39	<2.5	280 J	0.79 J	<1.0	900,000	<1.0	3.6 J	<50	<0.20
	TMW06102021DUP	10/14/2021	<250	<2.5	<1.2	14	<1.0	<1.0	35,000	<1.0	<1.0	<5.0	<250	<0.50	7,800	38	<2.5	290 J	0.82 J	<1.0	900,000	<1.0	4.0 J	<50	<0.20
TMW07	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
	TMW07102021	10/8/2021	<500	<5.0	<2.5	15	<2.0	<2.0	62,000	2.6 J	<2.0	<10	<500	<1.0	11,000	**390**	5.8 J	3,200	<3.0	<2.0	1,200,000	<2.0	5.1 J	73 J	<0.20
TMW08	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
	TMW08102021	10/7/2021	<1,000	<10	<5.0	8.0 J	<4.0	<4.0	290,000	<4.0	<4.0	<20	**1,000 J**	<2.0	86,000	**420**	<10	1,500 J	41	<4.0	4,400,000	<4.0	<10	<200	<0.20
TMW10	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
	TMW10102021	10/7/2021	<500	<5.0	<2.5	11	<2.0	<2.0	48,000	<2.0	<2.0	<10	<500	<1.0	12,000	14	<5.0	<1,000	<3.0	<2.0	1,500,000	<2.0	<5.0	<100	<0.20
TMW13	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
	TMW13102021	10/13/2021	<250	<2.5	<1.2	16	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	5,400	<2.5	<2.5	380 J	11	<1.0	570,000	<1.0	1.9 J	<50	<0.20
TMW15	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
	TMW15102021	10/7/2021	<250	<2.5	<1.2	20	<1.0	<1.0	18,000	0.94 J	<1.0	<5.0	<250	<0.50	3,500	<2.5	<2.5	350 J	12	<1.0	550,000	<1.0	2.7 J	<50	<0.20

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	TMW21102021	10/13/2021	<250	<2.5	0.84 J	15	<1.0	<1.0	35,000	1.2 J	<1.0	<5.0	<250	<0.50	6,900	22	1.9 J	470 J	5.7	<1.0	640,000	<1.0	2.2 J	<50	<0.20
TMW22	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
	TMW22102021	10/8/2021	260 J	<2.5	1.1 J	20	<1.0	<1.0	37,000	1.1 J	<1.0	<5.0	<250	<0.50	12,000	17	1.4 J	600 J	3.0 J	<1.0	830,000	<1.0	6.1	56 J	<0.20
TMW23	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
	TMW23102021	10/8/2021	550	<2.5	1.4 J	27	<1.0	<1.0	22,000	1.4 J	0.52 J	<5.0	300 J	1.1 J	4,600	81	1.9 J	570 J	<1.5	<1.0	730,000	<1.0	4.2 J	<50	<0.20
TMW24	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
	TMW24102021	10/14/2021	<250	<2.5	0.65 J	34	<1.0	<1.0	41,000	<1.0	<1.0	5.2 J	<250	<0.50	10,000	130	<2.5	360 J	<1.5	<1.0	1,000,000	<1.0	2.6 J	<50	<0.20
TMW25	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
	TMW25102021	10/13/2021	300 J	<2.5	0.74 J	15	<1.0	<1.0	51,000	<1.0	<1.0	<5.0	520 J	<0.50	11,000	**310**	2.1 J	270 J	<1.5	<1.0	890,000	<1.0	4.9 J	<50	<0.20
TMW26	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
	TMW26102021	10/4/2021	280 J	<2.5	0.85 J	22	<1.0	<1.0	19,000	<1.0	<1.0	3.0 J	<250	<0.50	7,300	120	1.7 J	340 J	<1.5	<1.0	840,000	<1.0	2.8 J	<50	<0.20
TMW27	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
	TMW27102021	10/10/2021	<250	<2.5	**22**	110	<1.0	<1.0	25,000	<1.0	<1.0	<5.0	600 J	<0.50	6,500	**560**	<2.5	480 J	<1.5	<1.0	330,000	<1.0	2.5 J	<50	<0.20
TMW28	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
	TMW28102021	10/12/2021	<250	<2.5	<1.2	45	<1.0	<1.0	100,000	<1.0	<1.0	<5.0	290 J	<0.50	32,000	**380**	<2.5	1,100	<1.5	<1.0	360,000	<1.0	1.8 J	<50	<0.20
TMW29	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
	TMW29102021	10/8/2021	1,100	<2.5	1.7 J	42	<1.0	<1.0	44,000	3.9 J	1.3 J	3.4 J	540 J	1.9 J	7,600	120	3.7 J	840 J	21	<1.0	540,000	<1.0	8.0	<50	0.20 J
TMW31S	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
	TMW31S102021	10/7/2021	<250	<2.5	<1.2	13	<1.0	<1.0	120,000	1.1 J	<1.0	<5.0	<250	<0.50	21,000	28	<2.5	320 J	8.1	<1.0	550,000	<1.0	1.3 J	<50	<0.20
TMW33	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
	TMW33102021	10/8/2021	<500	<5.0	<2.5	15	<2.0	<2.0	110,000	<2.0	<2.0	<10	<500	<1.0	33,000	**390**	<5.0	640 J	<3.0	<2.0	2,300,000	<2.0	4.1 J	<100	<0.20

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	TMW34102021	10/13/2021	<500	<5.0	<2.5	11	<2.0	<2.0	130,000	<2.0	<2.0	<10	<500	<1.0	27,000	**200**	<5.0	620 J	**120**	<2.0	1,400,000	<2.0	<5.0	<100	<0.20
	TMW34102021DUP	10/13/2021	<250	<2.5	<1.2	11	<1.0	<1.0	130,000	<1.0	<1.0	<5.0	<250	<0.50	27,000	190	<2.5	580 J	**120**	<1.0	1,300,000	<1.0	<2.5	<50	<0.20
TMW35	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
	TMW35102021	10/6/2021	<500	<5.0	<2.5	10	<2.0	<2.0	74,000	<2.0	<2.0	<10	<500	<1.0	14,000	59	<5.0	<500	3.9 J	<2.0	1,100,000	<2.0	<5.0	<100	<0.20
TMW39S	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
	TMW39S102021	10/8/2021	230 J	<2.5	<1.2	15	<1.0	<1.0	69,000	2.5 J	<1.0	<5.0	<250	<0.50	16,000	15	<2.5	480 J	11	<1.0	780,000	<1.0	3.5 J	<50	<0.20
TMW41	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
	TMW41102021	10/8/2021	310 J	<2.5	<1.2	12	<1.0	<1.0	16,000	1.2 J	<1.0	<5.0	140 J	<0.50	3,800	19	<2.5	610 J	<1.5	<1.0	830,000	<1.0	7.0	<50	<0.20
TMW43	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
	TMW43102021	10/12/2021	<250	<2.5	<1.2	17	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	6,300	46	<2.5	650 J	5.8	<1.0	570,000	<1.0	3.3 J	<50	<0.20
TMW44	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
	TMW44102021	10/5/2021	<250	<2.5	<1.2	15	<1.0	<1.0	36,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	37	<2.5	390 J	2.2 J	<1.0	740,000	<1.0	2.6 J	<50	<0.20
TMW45	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
	TMW45102021	10/12/2021	<250	<2.5	<1.2	59	<1.0	<1.0	29,000	<1.0	<1.0	<5.0	<250	<0.50	7,800	130	<2.5	460 J	1.0 J	<1.0	950,000	<1.0	4.3 J	<50	<0.20
	TMW45102021DUP	10/12/2021	<250	<2.5	<1.2	58	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	7,600	110	<2.5	480 J	0.87 J	<1.0	960,000	<1.0	4.8 J	<50	<0.20
TMW46	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
	TMW46102021	10/5/2021	<500	<5.0	<2.5	11	<2.0	<2.0	97,000	<2.0	<2.0	<10	<500	<1.0	22,000	25	<5.0	520 J	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
TMW47	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
	TMW47102021	10/14/2021	<250	<2.5	<1.2	10	<1.0	<1.0	6,000	<1.0	<1.0	<5.0	<250	<0.50	680	30	<2.5	740 J	<1.5	<1.0	540,000	<1.0	<2.5	<50	<0.20
TMW57	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
	TMW57102021	10/11/2021	2,400	<2.5	2.7 J	66	<1.0	<1.0	23,000	3.5 J	2.8 J	19	**1,500**	1.5 J	3,600	**470**	3.6 J	820 J	9.6	<1.0	520,000	<1.0	9.9	<50	<0.20
TMW59	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
	TMW59102021	10/11/2021	4,600	<2.5	7.1	72	2.3 J	<1.0	94,000	18	13	35	**4,000**	10	12,000	**1,600**	20	1,200	<1.5	<1.0	750,000	<1.0	34	40 J	<0.20

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	TMW61102021	10/13/2021	450 J	<5.0	1.3 J	30	<2.0	<2.0	69,000	1.2 J	<2.0	<10	260 J	<1.0	17,000	**800**	2.7 J	<1,000	4.3 J	<2.0	1,500,000	<2.0	3.9 J	<100	<0.20
TMW62	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
	TMW62102021	10/8/2021	140 J	<2.5	1.2 J	20	<1.0	<1.0	29,000	<1.0	<1.0	<5.0	<250	<0.50	6,800	96	<2.5	610 J	1.5 J	<1.0	680,000	<1.0	3.8 J	<50	<0.20
Bedrock Wells																									
BGMW07	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
	BGMW07102021	10/4/2021	<1,000	<10	<5.0	27	<4.0	<4.0	710,000	<4.0	2.2 J	<20	<1,000	<2.0	98,000	**1,200**	5.2 J	7,600	<6.0	<4.0	6,200,000	<4.0	<10	<200	<0.20
BGMW08	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
	BGMW08102021	10/4/2021	**5,400**	<10	<5.0	24	<4.0	<4.0	390,000	33	12 J	31 J	**2,900 J**	7.5 J	43,000	**2,000**	34	4,600	<6.0	<4.0	3,800,000	<4.0	14 J	140 J	<0.20
BGMW09	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
	BGMW09102021	10/6/2021	450 J	<5.0	<2.5	11	<2.0	<2.0	33,000	2.3 J	<2.0	<10	430 J	0.65 J	3,900	60	6.1 J	1,300 J	<3.0	<2.0	1,200,000	<2.0	4.9 J	<100	<0.20
BGMW10	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
	BGMW10102021	10/7/2021	<250	<2.5	<1.2	6.4	<1.0	<1.0	8,100	8.3	<1.0	<5.0	<250	<0.50	930	18	5.3	720 J	<1.5	<1.0	640,000	<1.0	<2.5	<50	<0.20
	BGMW10102021DUP	10/7/2021	<250	<2.5	<1.2	6.2	<1.0	<1.0	8,000	<0.50	<1.0	<5.0	<250	<0.50	910	16	<2.5	700 J	<1.5	<1.0	630,000	<1.0	<2.5	<50	<0.20
TMW14A	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
	TMW14A102021	10/12/2021	<250	<2.5	<1.2	20	<1.0	<1.0	3,900	<1.0	<1.0	<5.0	<250	<0.50	430 J	18	<2.5	530 J	<1.5	<1.0	450,000	<1.0	<2.5	<50	<0.20
	TMW14A102021DUP	10/12/2021	<250	<2.5	<1.2	19	<1.0	<1.0	3,700	<1.0	<1.0	<5.0	<250	<0.50	420 J	16	<2.5	510 J	<1.5	<1.0	440,000	<1.0	<2.5	<50	<0.20
TMW16	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
	TMW16102021	10/4/2021	530	<2.5	<1.2	24	<1.0	<1.0	6,100	8.0	1.2 J	21	380 J	1.4 J	680	30	78	690 J	<1.5	<1.0	500,000	<1.0	5.7	36 J	<0.20
	TMW16102021DUP	10/4/2021	530	<2.5	<1.2	22	<1.0	<1.0	5,900	6.6	1.2 J	19	370 J	1.2 J	670	29	76	690 J	<1.5	<1.0	500,000	<1.0	5.5	36 J	<0.20
TMW17	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
	TMW17102021	10/13/2021	170 J	<2.5	<1.2	15	<1.0	<1.0	3,900	<1.0	<1.0	<5.0	<250	0.89 J	640	18	1.5 J	930 J	<1.5	<1.0	470,000	<1.0	1.6 J	240	<0.20
TMW18	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
	TMW18102021	10/5/2021	250 J	1.8 J	<1.2	13	<1.0	<1.0	7,800	1.1 J	<1.0	<5.0	<250	0.38 J	1,200	7.0	<2.5	2,200	<1.5	<1.0	640,000	<1.0	13	<50	<0.20

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW19	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
	TMW19102021	10/4/2021	220 J	<2.5	<1.2	7.2	<1.0	<1.0	10,000	9.8	0.57 J	3.5 J	280 J	<0.50	1,100	33	25	840 J	<1.5	<1.0	680,000	<1.0	4.7 J	<50	<0.20
TMW30	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
	TMW30102021	10/6/2021	<250	<2.5	<1.2	10	<1.0	<1.0	61,000	0.55 J	<1.0	<5.0	<250	<0.50	12,000	3.8 J	1.7 J	700 J	6.5	<1.0	470,000	<1.0	12	71 J	<0.20
TMW31D	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
	TMW31D102021	10/12/2021	<250	<2.5	<1.2	8.4	<1.0	<1.0	65,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	7.8	<2.5	1,300	6.8	<1.0	620,000	<1.0	7.1	<50	<0.20
TMW32	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
	TMW32102021	10/14/2021	<250	<2.5	0.70 J	6.2	<1.0	<1.0	11,000	<1.0	<1.0	<5.0	<250	<0.50	1,300	24	<2.5	850 J	2.7 J	<1.0	730,000	<1.0	1.6 J	<50	<0.20
TMW36	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
	TMW36102021	10/13/2021	<250	<2.5	<1.2	5.7	<1.0	<1.0	8,900	1.7 J	<1.0	13	<250	<0.50	960	23	15	790 J	<1.5	<1.0	660,000	<1.0	<2.5	30 J	<0.20
TMW37	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
	TMW37102021	10/6/2021	<250	<2.5	<1.2	6.5	<1.0	<1.0	5,900	10	<1.0	<5.0	<250	<0.50	630	7.4	18	590 J	<1.5	<1.0	540,000	<1.0	2.5 J	<50	<0.20
TMW38	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
	TMW38102021	10/13/2021	370 J	<2.5	<1.2	13	<1.0	<1.0	14,000	<1.0	<1.0	<5.0	270 J	0.74 J	1,600	52	<2.5	1,100	<1.5	<1.0	800,000	<1.0	16	130	<0.20
TMW39D	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
	TMW39D102021	10/13/2021	<250	<2.5	<1.2	6.5	<1.0	<1.0	18,000	<1.0	<1.0	<5.0	<250	<0.50	1,900	49	<2.5	1,000	<1.5	<1.0	760,000	<1.0	<2.5	<50	<0.20
TMW40D	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
	TMW40D102021	10/15/2021	270 J	<2.5	<1.2	9.3	<1.0	<1.0	15,000	<1.0	<1.0	<5.0	170 J	0.26 J	2,100	49	<2.5	970 J	2.6 J	<1.0	730,000	<1.0	2.4 J	<50	<0.20
TMW48	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
	TMW48102021	10/15/2021	<250	<2.5	<1.2	9.5	<1.0	<1.0	83,000	<1.0	<1.0	<5.0	<250	<0.50	15,000	74	<2.5	1,100	6.0	<1.0	620,000	<1.0	2.9 J	<50	<0.20
TMW49	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
	TMW49102021	10/15/2021	<250	<2.5	<1.2	9.1	<1.0	<1.0	75,000	1.4 J	<1.0	<5.0	<250	<0.50	13,000	30	3.2 J	1,500	24	<1.0	810,000	<1.0	12	<50	<0.20
TMW50	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
	TMW50102021	10/6/2021	1,600	<2.5	2.5 J	40	<1.0	<1.0	14,000	7.4	1.5 J	7.5 J	**1,600**	1.2 J	1,300	**310**	5.4	750 J	<1.5	<1.0	510,000	<1.0	28	43 J	<0.20

TABLE 5-10: SUMMARY OF TOTAL METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW51	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
	TMW51102021	10/4/2021	<250	<2.5	<1.2	8.0	<1.0	<1.0	18,000	<1.0	<1.0	<5.0	<250	<0.50	3,000	33	<2.5	960 J	5.6	<1.0	700,000	<1.0	3.6 J	<50	<0.20
TMW52	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
	TMW52102021	10/11/2021	3,700	<2.5	8.5	93	1.3 J	<1.0	33,000	4.5 J	3.4 J	10	**1,900**	3.8 J	1,900	**490**	6.1	1,100	<1.5	<1.0	450,000	<1.0	41	28 J	<0.20
TMW53	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
	TMW53102021	10/11/2021	1,300	<2.5	1.8 J	190	<1.0	<1.0	6,700	2.8 J	0.62 J	<5.0	**1,300**	1.3 J	830	120	3.5 J	560 J	<1.5	<1.0	340,000	<1.0	4.7 J	33 J	<0.20
TMW55	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
	TMW55102021	10/8/2021	180 J	<2.5	3.0 J	11	<1.0	<1.0	7,200	1.1 J	<1.0	8.5 J	200 J	<0.50	810	12	<2.5	870 J	<1.5	<1.0	570,000	<1.0	10	<50	<0.20
TMW58	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
	TMW58102021	10/5/2021	180 J	<2.5	2.7 J	21	<1.0	<1.0	7,900	<1.0	<1.0	<5.0	<250	<0.50	990	28	<2.5	840 J	<1.5	<1.0	590,000	<1.0	7.9	<50	<0.20
TMW63	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
	TMW63102021	10/6/2021	<250	<2.5	<1.2	11	<1.0	<1.0	9,700	<1.0	<1.0	<5.0	<250	<0.50	1,000	30	<2.5	710 J	<1.5	<1.0	650,000	<1.0	<2.5	<50	<0.20
TMW64	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
	TMW64102021	10/12/2021	240 J	<2.5	<1.2	29	<1.0	<1.0	12,000	0.92 J	<1.0	<5.0	130 J	<0.50	1,600	41	<2.5	840 J	4.2 J	<1.0	630,000	<1.0	9.0	<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 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	BGMW01102021	10/5/2021	<250	<2.5	<1.2	16	<1.0	<1.0	64,000	<1.0	<1.0	4.0 J	<250	<0.50	38,000	**220**	<2.5	440 J	4.1 J	<1.0	950,000	<1.0	2.6 J	<50	<0.20
BGMW02	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
	BGMW02102021	10/5/2021	<250	<2.5	<1.2	11	<1.0	<1.0	58,000	<1.0	<1.0	3.6 J	<250	<0.50	81,000	47	<2.5	420 J	35	<1.0	800,000	<1.0	5.3	<50	<0.20
BGMW03	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	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
	BGMW03102021	10/4/2021	<250	<2.5	2.5 J	15	<1.0	<1.0	24,000	<1.0	<1.0	5.1 J	<250	<0.50	7,100	21	1.5 J	830 J	31	<1.0	710,000	<1.0	15	<50	<0.20
BGMW11	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
	BGMW11102021	10/11/2021	<500	<5.0	<2.5	12	<2.0	<2.0	100,000	<2.0	<2.0	<10	<500	<1.0	40,000	**230**	<5.0	1,100 J	<3.0	<2.0	1,000,000	<2.0	4.6 J	<100	<0.20
BGMW12	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
	BGMW12102021	10/7/2021	<250	<2.5	<1.2	21	<1.0	<1.0	26,000	0.71 J	<1.0	2.8 J	<250	<0.50	14,000	31	<2.5	290 J	<1.5	<1.0	440,000	<1.0	4.2 J	<50	<0.20
BGMW13D	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
	BGMW13D102021	10/14/2021	<250	<2.5	<1.2	210	<1.0	<1.0	14,000	<1.0	<1.0	<5.0	<250	<0.50	3,900	120	<2.5	700 J	<1.5	<1.0	270,000	<1.0	2.2 J	<50	<0.20
BGMW13S	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
	BGMW13S102021	10/11/2021	<40	<0.50	0.49 J	170	<0.20	<0.20	25,000	0.13 J	0.15 J	<1.0	150 J	<0.10	8,100	**310**	<0.50	930	<0.30	<0.20	280,000	<0.20	1.3	<10	<0.20
FW31	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
	FW31102021	10/12/2021	<250	<2.5	5.6	8.6	<1.0	<1.0	5,900	<1.0	<1.0	<5.0	<250	<0.50	2,500	<2.5	<2.5	1,400	<1.5	<1.0	510,000	<1.0	11	<50	<0.20
MW01	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
	MW01102021	10/5/2021	<250	<2.5	<1.2	13	<1.0	<1.0	33,000	<1.0	<1.0	4.8 J	<250	<0.50	7,800	<2.5	<2.5	640 J	8.5	<1.0	800,000	<1.0	<2.5	<50	<0.20
MW02	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
	MW02102021	10/5/2021	<250	<2.5	<1.2	32	<1.0	<1.0	99,000	<1.0	<1.0	3.7 J	<250	<0.50	22,000	95	2.4 J	680 J	7.1	<1.0	500,000	<1.0	<2.5	150	<50
MW03	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
	MW03102021	10/11/2021	<250	<2.5	<1.2	10	<1.0	<1.0	65,000	<1.0	<1.0	<5.0	<250	<0.50	13,000	8.6	<2.5	350 J	29	<1.0	1,000,000	<1.0	2.6 J	<50	<0.20

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	MW18D102021	10/13/2021	<500	<5.0	<2.5	16	<2.0	<2.0	79,000	<2.0	<2.0	<10	<500	<1.0	20,000	**790**	<5.0	580 J	<3.0	<2.0	2,100,000	<2.0	<5.0	<100	<0.20
MW20	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
	MW20102021	10/6/2021	<1,000	<10	<5.0	13 J	<4.0	<4.0	260,000	<4.0	<4.0	<20	<1,000	<2.0	56,000	**1,500**	<10	<2,000	**97**	<4.0	3,000,000	<4.0	<10	<200	<0.20
MW22D	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
	MW22D102021	10/14/2021	<500	<5.0	<2.5	9.4 J	<2.0	<2.0	85,000	<2.0	<2.0	<10	<500	<1.0	17,000	130	<5.0	<1,000	37	<2.0	1,000,000	<2.0	<5.0	<100	<0.20
MW23	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
	MW23102021	10/11/2021	<250	<2.5	1.4 J	210	<1.0	<1.0	17,000	<1.0	<1.0	<5.0	<250	<0.50	7,100	67	<2.5	1,000	<1.5	<1.0	460,000	<1.0	4.1 J	<50	<0.20
	MW23102021DUP	10/11/2021	<250	<2.5	1.4 J	210	<1.0	<1.0	16,000	<1.0	<1.0	<5.0	<250	<0.50	7,100	67	<2.5	1,000	<1.5	<1.0	470,000	<1.0	4.2 J	<50	<0.20
MW24	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
	MW24102021	10/11/2021	<40	<0.50	0.76 J	290	<0.20	<0.20	32,000	<0.20	<0.20	<1.0	**1,800**	<0.10	11,000	**440**	<0.50	740	<0.30	<0.20	260,000	<0.20	0.58 J	<10	<0.20
	MW24102021DUP	10/11/2021	<40	<0.50	0.77 J	290	<0.20	<0.20	32,000	0.10 J	<0.20	<1.0	**1,800**	<0.10	11,000	**430**	<0.50	740	<0.30	<0.20	260,000	<0.20	0.68 J	<10	<0.20
MW25	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
	MW25102021	10/12/2021	<500	<5.0	<2.5	12	<2.0	<2.0	120,000	<2.0	<2.0	<10	<500	<1.0	22,000	17	<5.0	920 J	**59**	<2.0	1,400,000	<2.0	<5.0	<100	<0.20
MW26	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
	MW26102021	10/11/2021	<250	<2.5	0.66 J	16	<1.0	<1.0	110,000	<1.0	<1.0	<5.0	<250	<0.50	19,000	**1,300**	<2.5	670 J	<1.5	<1.0	1,000,000	<1.0	4.3 J	<50	<0.20
MW27	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
	MW27102021	10/8/2021	<250	<2.5	0.70 J	24	<1.0	<1.0	64,000	<1.0	<1.0	2.5 J	<250	<0.50	14,000	20	<2.5	820 J	31	<1.0	890,000	<1.0	2.2 J	<50	<0.20
MW28	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
	MW28102021	10/5/2021	<250	<2.5	0.73 J	31	<1.0	<1.0	70,000	<1.0	<1.0	13	<250	<0.50	16,000	52	1.3 J	550 J	9.1	<1.0	1,000,000	<1.0	1.6 J	26 J	<0.20
MW29	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
	MW29102021	10/5/2021	<250	<2.5	1.5 J	44	<1.0	<1.0	40,000	<1.0	<1.0	43	<250	<0.50	8,600	**200**	2.6 J	550 J	6.4	<1.0	890,000	<1.0	2.7 J	<50	<0.20
MW30	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
	MW30102021	10/8/2021	<250	<2.5	2.2 J	27	<1.0	<1.0	23,000	<1.0	<1.0	2.8 J	<250	<0.50	5,200	10	<2.5	580 J	<1.5	<1.0	890,000	<1.0	4.9 J	25 J	<0.20

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
MW31	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
	MW31102021	10/13/2021	<500	<5.0	<2.5	15	<2.0	<2.0	130,000	4.4 J	<2.0	17 J	<500	<1.0	27,000	71	<5.0	700 J	23	<2.0	1,700,000	<2.0	2.9 J	58 J	<0.20
MW32	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
	MW32102021	10/4/2021	<500	<5.0	<2.5	15	<2.0	<2.0	130,000	<2.0	<2.0	10 J	<500	<1.0	27,000	72	<5.0	730 J	**100**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
MW33	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
	MW33102021	10/11/2021	140 J	<2.5	4.1 J	18	<1.0	<1.0	5,600	<1.0	<1.0	<5.0	<250	<0.50	1,000	4.2 J	<2.5	2,300	<1.5	<1.0	570,000	<1.0	16	<50	<0.20
MW34	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
	MW34102021	10/11/2021	<500	<5.0	1.3 J	21	<2.0	<2.0	70,000	<2.0	<2.0	<10	<500	<1.0	16,000	85	<5.0	520 J	2.3 J	<2.0	1,500,000	<2.0	5.3 J	<100	<0.20
MW35	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
	MW35102021	10/13/2021	<250	<2.5	<1.2	9.3	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	2,700	37	<2.5	1,100	<1.5	<1.0	750,000	<1.0	<2.5	<50	<0.20
	MW35102021DUP	10/13/2021	<250	<2.5	<1.2	9.3	<1.0	<1.0	20,000	<1.0	<1.0	<5.0	<250	<0.50	2,700	37	<2.5	1,200	<1.5	<1.0	760,000	<1.0	1.6 J	<50	<0.20
MW36D	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
	MW36D102021	10/11/2021	<250	<2.5	<1.2	150	<1.0	<1.0	37,000	<1.0	<1.0	<5.0	<250	<0.50	14,000	**200**	<2.5	890 J	<1.5	<1.0	540,000	<1.0	3.3 J	<50	<0.20
MW36S	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
	MW36S102021	10/11/2021	<500	<5.0	<2.5	7.5 J	<2.0	<2.0	320,000	<2.0	1.5 J	<10	<500	<1.0	130,000	**1,300**	<5.0	1,500 J	<3.0	<2.0	2,000,000	<2.0	4.3 J	<100	<0.20
MW37	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
	MW37102021	10/13/2021	<250	<2.5	0.87 J	32	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	4,600	18	1.4 J	260 J	<1.5	<1.0	630,000	<1.0	2.7 J	39 J	<0.20
MW38	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
	MW38102021	10/14/2021	<250	<2.5	0.67 J	14	<1.0	<1.0	29,000	<1.0	<1.0	<5.0	<250	<0.50	6,500	21	1.4 J	<250	<1.5	<1.0	720,000	<1.0	3.0 J	<50	<0.20
MW39	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
	MW39102021	10/14/2021	<500	<5.0	4.0 J	35	<2.0	<2.0	41,000	<2.0	<2.0	<10	<500	<1.0	14,000	**250**	2.6 J	<1,000	<3.0	<2.0	1,400,000	<2.0	9.9 J	<100	<0.20

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
SMW01	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
	SMW01102021	10/8/2021	<250	<2.5	2.2 J	23	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	6,700	24	1.7 J	<500	0.76 J	<1.0	950,000	<1.0	5.4	<50	<0.20
TMW01	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
	TMW01102021	10/8/2021	<250	<2.5	0.78 J	10	<1.0	<1.0	110,000	<1.0	<1.0	3.9 J	<250	<0.50	20,000	11	<2.5	290 J	3.1 J	<1.0	530,000	<1.0	13	<50	<0.20
TMW02	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
	TMW02102021	10/8/2021	<250	<2.5	1.1 J	6.9	<1.0	<1.0	23,000	<1.0	<1.0	<5.0	<250	<0.50	2,800	<2.5	<2.5	1,200	**75**	<1.0	1,000,000	<1.0	38	<50	<0.20
	TMW02102021DUP	10/8/2021	<250	<2.5	1.1 J	6.7	<1.0	<1.0	23,000	<1.0	<1.0	<5.0	<250	<0.50	2,800	<2.5	<2.5	1,300	**75**	<1.0	1,000,000	<1.0	38	<50	<0.20
TMW03	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
	TMW03102021	10/14/2021	<250	<2.5	<1.2	12	<1.0	<1.0	52,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	4.4 J	<2.5	360 J	**56**	<1.0	960,000	<1.0	2.2 J	<50	<0.20
TMW04	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
	TMW04102021	10/11/2021	<250	<2.5	1.2 J	6.8	<1.0	<1.0	28,000	1.6 J	<1.0	<5.0	<250	<0.50	5,200	<2.5	<2.5	610 J	**78**	<1.0	830,000	<1.0	17	<50	<0.20
TMW06	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
	TMW06102021	10/14/2021	<250	<2.5	0.95 J	13	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	7,300	37	<2.5	<500	<1.5	<1.0	910,000	<1.0	3.6 J	<50	<0.20
	TMW06102021DUP	10/14/2021	<250	<2.5	0.93 J	13	<1.0	<1.0	34,000	<1.0	<1.0	<5.0	<250	<0.50	7,200	37	<2.5	250 J	<1.5	<1.0	910,000	<1.0	3.7 J	<50	<0.20
TMW07	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
	TMW07102021	10/8/2021	<500	<5.0	<2.5	13	<2.0	<2.0	54,000	<2.0	<2.0	<10	<500	<1.0	10,000	**250**	4.1 J	4,100	<3.0	<2.0	1,200,000	<2.0	4.7 J	<100	<0.20
TMW08	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
	TMW08102021	10/7/2021	<1,000	<10	<5.0	7.7 J	<4.0	<4.0	280,000	<4.0	<4.0	<20	<1,000	<2.0	86,000	**450**	<10	1,400 J	43	<4.0	4,500,000	<4.0	<10	<200	<0.20
TMW10	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
	TMW10102021	10/7/2021	<500	<5.0	<2.5	11	<2.0	<2.0	49,000	<2.0	<2.0	<10	<500	<1.0	12,000	14	<5.0	<1,000	<3.0	<2.0	1,600,000	<2.0	4.7 J	<100	<0.20
TMW13	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
	TMW13102021	10/13/2021	<250	<2.5	<1.2	15	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	5,200	<2.5	<2.5	420 J	10	<1.0	560,000	<1.0	2.6 J	<50	<0.20

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW15	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
	TMW15102021	10/7/2021	<250	<2.5	<1.2	19	<1.0	<1.0	17,000	1.7 J	<1.0	<5.0	<250	<0.50	3,300	<2.5	<2.5	360 J	12	<1.0	540,000	<1.0	2.7 J	<50	<0.20
TMW21	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
	TMW21102021	10/13/2021	<250	<2.5	<1.2	14	<1.0	<1.0	35,000	0.94 J	<1.0	<5.0	<250	<0.50	6,800	23	1.8 J	510 J	4.8 J	<1.0	630,000	<1.0	2.3 J	<50	<0.20
TMW22	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
	TMW22102021	10/8/2021	<250	<2.5	0.98 J	16	<1.0	<1.0	35,000	0.66 J	<1.0	<5.0	<250	<0.50	11,000	<2.5	<2.5	520 J	3.0 J	<1.0	800,000	<1.0	4.8 J	27 J	<0.20
TMW23	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
	TMW23102021	10/8/2021	<250	<2.5	1.1 J	16	<1.0	<1.0	16,000	0.55 J	<1.0	<5.0	<250	<0.50	4,400	<2.5	<2.5	410 J	<1.5	<1.0	710,000	<1.0	2.9 J	<50	0.15 J
TMW24	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
	TMW24102021	10/14/2021	<250	<2.5	1.2 J	32	<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	1,000,000	<1.0	2.0 J	<50	<0.20
TMW25	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
	TMW25102021	10/13/2021	<250	<2.5	<1.2	9.6	<1.0	<1.0	50,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	25	<2.5	290 J	<1.5	<1.0	880,000	<1.0	3.6 J	<50	<0.20
TMW26	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
	TMW26102021	10/4/2021	<250	<2.5	0.68 J	16	<1.0	<1.0	19,000	<1.0	<1.0	<5.0	<250	<0.50	7,400	120	1.6 J	330 J	<1.5	<1.0	840,000	<1.0	2.1 J	<50	<0.20
TMW27	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
	TMW27102021	10/10/2021	<250	<2.5	**21**	110	<1.0	<1.0	24,000	<1.0	<1.0	<5.0	560 J	<0.50	6,300	**550**	<2.5	460 J	<1.5	<1.0	330,000	<1.0	1.9 J	<50	<0.20
TMW28	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
	TMW28102021	10/12/2021	<250	<2.5	<1.2	44	<1.0	<1.0	99,000	<1.0	<1.0	<5.0	290 J	<0.50	31,000	**380**	<2.5	1,100	<1.5	<1.0	360,000	<1.0	1.6 J	<50	<0.20
TMW29	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
	TMW29102021	10/8/2021	<250	<2.5	1.1 J	16	<1.0	<1.0	36,000	1.3 J	<1.0	<5.0	<250	<0.50	7,100	<2.5	<2.5	700 J	19	<1.0	540,000	<1.0	4.6 J	<50	<0.20
TMW31S	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
	TMW31S102021	10/7/2021	<250	<2.5	<1.2	12	<1.0	<1.0	120,000	1.0 J	<1.0	2.5 J	<250	<0.50	22,000	7.8	<2.5	360 J	7.9	<1.0	560,000	<1.0	2.2 J	<50	<0.20
TMW33	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
	TMW33102021	10/8/2021	<500	<5.0	<2.5	14	<2.0	<2.0	110,000	<2.0	<2.0	<10	<500	<1.0	33,000	52	<5.0	720 J	<3.0	<2.0	2,300,000	<2.0	4.0 J	<100	0.12 J

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	TMW34102021	10/13/2021	<500	<5.0	<2.5	9.9 J	<2.0	<2.0	120,000	<2.0	<2.0	<10	<500	<1.0	26,000	120	<5.0	700 J	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
	TMW34102021DUP	10/13/2021	<250	<2.5	<1.2	11	<1.0	<1.0	120,000	<1.0	<1.0	<5.0	<250	<0.50	27,000	120	<2.5	630 J	**120**	<1.0	1,300,000	<1.0	<2.5	<50	<0.20
TMW35	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
	TMW35102021	10/6/2021	<500	<5.0	<2.5	9.6 J	<2.0	<2.0	73,000	<2.0	<2.0	<10	<500	<1.0	14,000	30	<5.0	<1,000	4.1 J	<2.0	1,100,000	<2.0	<5.0	<100	<0.20
TMW39S	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
	TMW39S102021	10/8/2021	<250	<2.5	<1.2	9.8	<1.0	<1.0	68,000	1.1 J	<1.0	<5.0	<250	<0.50	15,000	<2.5	<2.5	430 J	11	<1.0	760,000	<1.0	2.7 J	<50	<0.20
TMW41	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
	TMW41102021	10/8/2021	<250	<2.5	<1.2	8.6	<1.0	<1.0	15,000	<1.0	<1.0	<5.0	<250	<0.50	3,600	<2.5	<2.5	540 J	<1.5	<1.0	800,000	<1.0	6.8	<50	<0.20
TMW43	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
	TMW43102021	10/12/2021	<250	<2.5	<1.2	16	<1.0	<1.0	35,000	<1.0	<1.0	<5.0	<250	<0.50	6,300	45	<2.5	630 J	6.1	<1.0	570,000	<1.0	2.9 J	<50	<0.20
TMW44	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
	TMW44102021	10/5/2021	<250	<2.5	<1.2	14	<1.0	<1.0	35,000	<1.0	<1.0	3.2 J	<250	<0.50	12,000	6.4	<2.5	440 J	2.3 J	<1.0	730,000	<1.0	2.9 J	<50	<0.20
TMW45	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
	TMW45102021	10/12/2021	<250	<2.5	<1.2	56	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	7,500	53	<2.5	530 J	0.80 J	<1.0	930,000	<1.0	4.5 J	<50	<0.20
	TMW45102021DUP	10/12/2021	<250	<2.5	<1.2	55	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	7,400	51	<2.5	440 J	0.95 J	<1.0	910,000	<1.0	4.2 J	<50	<0.20
TMW46	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
	TMW46102021	10/5/2021	<500	<5.0	<2.5	9.3 J	<2.0	<2.0	94,000	<2.0	<2.0	<10	<500	<1.0	22,000	<5.0	<5.0	530 J	**120**	<2.0	1,300,000	<2.0	<5.0	<100	<0.20
TMW47	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
	TMW47102021	10/14/2021	<250	<2.5	0.64 J	10	<1.0	<1.0	6,000	<1.0	<1.0	<5.0	<250	<0.50	660	32	<2.5	720 J	<1.5	<1.0	540,000	<1.0	<2.5	<50	<0.20
TMW57	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
	TMW57102021	10/11/2021	<250	<2.5	1.3 J	26	<1.0	<1.0	12,000	<1.0	<1.0	<5.0	<250	<0.50	2,800	3.3 J	<2.5	560 J	9.5	<1.0	530,000	<1.0	3.8 J	<50	<0.20
TMW59	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
	TMW59102021	10/11/2021	<250	<2.5	2.2 J	21	<1.0	<1.0	35,000	2.1 J	<1.0	4.2 J	<250	<0.50	8,900	15	1.5 J	610 J	0.89 J	<1.0	740,000	<1.0	5.2	<50	<0.20

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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	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
	TMW61102021	10/13/2021	<500	<5.0	<2.5	28	<2.0	<2.0	64,000	<2.0	<2.0	<10	<500	<1.0	17,000	44	<5.0	530 J	5.0 J	<2.0	1,500,000	<2.0	2.7 J	<100	0.15 J
TMW62	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
	TMW62102021	10/8/2021	<250	<2.5	0.85 J	16	<1.0	<1.0	28,000	<1.0	<1.0	<5.0	<250	<0.50	6,500	32	<2.5	570 J	1.6 J	<1.0	670,000	<1.0	2.1 J	<50	<0.20
Bedrock Wells																									
BGMW07	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
	BGMW07102021	10/4/2021	<1,000	<10	<5.0	26	<4.0	<4.0	700,000	<4.0	2.1 J	<20	<1,000	<2.0	95,000	**1,100**	5.2 J	7,700	<6.0	<4.0	6,200,000	<4.0	<10	<200	<0.20
BGMW08	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
	BGMW08102021	10/4/2021	<1,000	<10	<5.0	11 J	<4.0	<4.0	330,000	<4.0	<4.0	<20	<1,000	<2.0	38,000	160	6.1 J	4,500	<6.0	<4.0	3,800,000	<4.0	<10	<200	<0.20
BGMW09	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
	BGMW09102021	10/6/2021	<500	<5.0	<2.5	7.6 J	<2.0	<2.0	32,000	<2.0	<2.0	<10	<500	<1.0	3,800	13	<5.0	1,400 J	<3.0	<2.0	1,200,000	<2.0	3.9 J	<100	<0.20
BGMW10	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
	BGMW10102021	10/7/2021	<250	<2.5	<1.2	6.1	<1.0	<1.0	7,900	<1.0	<1.0	<5.0	<250	<0.50	900	14	<2.5	740 J	<1.5	<1.0	630,000	<1.0	<2.5	<50	<0.20
	BGMW10102021DUP	10/7/2021	<250	<2.5	<1.2	6.4	<1.0	<1.0	8,000	<1.0	<1.0	<5.0	<250	<0.50	910	14	<2.5	730 J	<1.5	<1.0	640,000	<1.0	<2.5	<50	<0.20
TMW14A	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
	TMW14A102021	10/12/2021	<250	<2.5	<1.2	15	<1.0	<1.0	3,300	<1.0	<1.0	<5.0	<250	<0.50	390 J	9.1	<2.5	510 J	<1.5	<1.0	440,000	<1.0	<2.5	<50	<0.20
	TMW14A102021DUP	10/12/2021	<250	<2.5	<1.2	16	<1.0	<1.0	3,300	<1.0	<1.0	<5.0	<250	<0.50	390 J	9.0	<2.5	500 J	<1.5	<1.0	440,000	<1.0	<2.5	<50	<0.20
TMW16	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
	TMW16102021	10/4/2021	<250	<2.5	<1.2	11	<1.0	<1.0	4,000	<1.0	<1.0	<5.0	<250	<0.50	430 J	4.3 J	18	610 J	<1.5	<1.0	450,000	<1.0	4.1 J	<50	<0.20
	TMW16102021DUP	10/4/2021	<250	<2.5	<1.2	10	<1.0	<1.0	3,900	<1.0	<1.0	3.9 J	<250	<0.50	440 J	3.7 J	16	620 J	<1.5	<1.0	440,000	<1.0	4.0 J	<50	<0.20
TMW17	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
	TMW17102021	10/13/2021	<250	<2.5	<1.2	12	<1.0	<1.0	3,300	<1.0	<1.0	<5.0	<250	<0.50	540	6.9	<2.5	800 J	<1.5	<1.0	460,000	<1.0	<2.5	<50	<0.20
TMW18	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
	TMW18102021	10/5/2021	160 J	1.7 J	<1.2	11	<1.0	<1.0	7,600	0.79 J	<1.0	2.6 J	<250	<0.50	1,100	5.3	<2.5	2,200	<1.5	<1.0	640,000	<1.0	13	<50	<0.20

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW19	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
	TMW19102021	10/4/2021	<250	<2.5	<1.2	5.7	<1.0	<1.0	9,900	<1.0	<1.0	<5.0	<250	<0.50	1,100	26	19	830 J	<1.5	<1.0	670,000	<1.0	2.8 J	<50	<0.20
TMW30	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
	TMW30102021	10/6/2021	<250	<2.5	<1.2	9.2	<1.0	<1.0	59,000	<1.0	<1.0	<5.0	<250	<0.50	12,000	<2.5	<2.5	730 J	6.4	<1.0	470,000	<1.0	11	<50	<0.20
TMW31D	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
	TMW31D102021	10/12/2021	<250	<2.5	<1.2	8.6	<1.0	<1.0	61,000	<1.0	<1.0	<5.0	<250	<0.50	11,000	8.3	<2.5	1,300	6.9	<1.0	630,000	<1.0	6.3	<50	<0.20
TMW32	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
	TMW32102021	10/14/2021	<250	<2.5	1.4 J	5.4	<1.0	<1.0	11,000	<1.0	<1.0	2.5 J	<250	<0.50	1,200	24	<2.5	780 J	3.0 J	<1.0	720,000	<1.0	1.8 J	<50	<0.20
TMW36	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
	TMW36102021	10/13/2021	<250	<2.5	<1.2	5.6	<1.0	<1.0	8,700	<1.0	<1.0	2.8 J	<250	<0.50	930	20	9.8	800 J	<1.5	<1.0	650,000	<1.0	1.6 J	<50	<0.20
TMW37	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
	TMW37102021	10/6/2021	<250	<2.5	<1.2	6.1	<1.0	<1.0	5,600	3.1 J	<1.0	<5.0	<250	<0.50	590	6.2	13	630 J	<1.5	<1.0	520,000	<1.0	2.4 J	<50	<0.20
TMW38	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
	TMW38102021	10/13/2021	<250	<2.5	<1.2	9.3	<1.0	<1.0	12,000	<1.0	<1.0	<5.0	<250	<0.50	1,400	38	<2.5	930 J	<1.5	<1.0	740,000	<1.0	<2.5	<50	<0.20
TMW39D	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
	TMW39D102021	10/13/2021	<250	<2.5	<1.2	6.4	<1.0	<1.0	18,000	<1.0	<1.0	<5.0	<250	<0.50	1,900	47	<2.5	1,000	<1.5	<1.0	750,000	<1.0	<2.5	<50	<0.20
TMW40D	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
	TMW40D102021	10/15/2021	<250	<2.5	<1.2	7.7	<1.0	<1.0	14,000	<1.0	<1.0	3.1 J	<250	<0.50	1,900	42	<2.5	910 J	2.5 J	<1.0	710,000	<1.0	2.4 J	<50	<0.20
TMW48	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
	TMW48102021	10/15/2021	<250	<2.5	<1.2	9.1	<1.0	<1.0	76,000	<1.0	<1.0	3.2 J	<250	<0.50	14,000	73	<2.5	1,200	5.2	<1.0	630,000	<1.0	2.9 J	<50	<0.20
TMW49	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
	TMW49102021	10/15/2021	<250	<2.5	<1.2	8.6	<1.0	<1.0	76,000	1.2 J	<1.0	<5.0	<250	<0.50	13,000	34	5.3	1,600	22	<1.0	870,000	<1.0	12	<50	<0.20
TMW50	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
	TMW50102021	10/6/2021	<250	<2.5	2.2 J	17	<1.0	<1.0	5,300	<1.0	<1.0	<5.0	<250	<0.50	580	14	<2.5	760 J	<1.5	<1.0	500,000	<1.0	24	<50	<0.20

TABLE 5-11: SUMMARY OF DISSOLVED METALS ANALYTICAL RESULTS
Groundwater Periodic Monitoring Report — January through June 2023
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
TMW51	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
	TMW51102021	10/4/2021	<250	<2.5	<1.2	7.4	<1.0	<1.0	17,000	<1.0	<1.0	3.3 J	<250	<0.50	2,900	30	<2.5	960 J	5.0	<1.0	670,000	<1.0	3.3 J	<50	<0.20
TMW52	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
	TMW52102021	10/11/2021	<250	<2.5	7.6	12	<1.0	<1.0	3,800	<1.0	<1.0	<5.0	<250	<0.50	460 J	15	<2.5	580 J	<1.5	<1.0	430,000	<1.0	22	<50	<0.20
TMW53	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
	TMW53102021	10/11/2021	<250	<2.5	2.1 J	96	<1.0	<1.0	2,900	<1.0	<1.0	<5.0	<250	<0.50	430 J	36	<2.5	460 J	<1.5	<1.0	350,000	<1.0	2.2 J	<50	<0.20
TMW55	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
	TMW55102021	10/8/2021	<250	<2.5	2.5 J	8.0	<1.0	<1.0	6,600	<1.0	<1.0	<5.0	<250	<0.50	710	3.3 J	<2.5	780 J	<1.5	<1.0	560,000	<1.0	8.6	<50	<0.20
TMW58	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
	TMW58102021	10/5/2021	<250	<2.5	2.5 J	19	<1.0	<1.0	7,600	<1.0	<1.0	<5.0	<250	<0.50	930	24	<2.5	810 J	<1.5	<1.0	590,000	<1.0	7.2	<50	<0.20
TMW63	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
	TMW63102021	10/6/2021	<250	<2.5	<1.2	11	<1.0	<1.0	9,100	<1.0	<1.0	<5.0	<250	<0.50	980	20	<2.5	730 J	<1.5	<1.0	660,000	<1.0	<2.5	<50	<0.20
TMW64	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
	TMW64102021	10/12/2021	<250	<2.5	<1.2	23	<1.0	<1.0	11,000	<1.0	<1.0	<5.0	<250	<0.50	1,400	28	<2.5	800 J	<1.5	<1.0	620,000	<1.0	6.1	<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 A

FIELD NOTES

TEAM 1

DEFYING
MOTHER NATURE®
SINCE 1916

RECYCLABLE

All components of this product are recyclable

Rite in the Rain

Rite in the Rain is a field durable all-weather paper which sheds water, sweat, and mud to allow for writing in the harshest conditions. For best results, use a pencil or all-weather pen.

JL DARLING LLC
Tacoma, WA 98424-1017 USA
www.RiteintheRain.com

Item No. 371FX
NSN: 7530-01-642-7769
ISBN: 978-1-60134-186-0

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Rite in the Rain®
ALL-WEATHER
UNIVERSAL
№ 371FX

0847 4/13/23 Team 1 (WM, OA, MGN)
Team 1: arrive at well MW36D & MW36S
Weather: 51° - cloudy - 13mph NE
75 ft from highway
Had to go around - accessed on foot - arroyo flooded

0859 4/13/23
Team 1 arrive at well MW23

0929 4/13/23
Team 1: arrive at well MW29

0933 4/13/23
Team 1: arrive at wells BGMW35 & BGMW30

1017 4/13/23
Team 1: arrive at well BGMW11

1027 4/13/23
Team 1 arrive at P209

1044 4/13/23
Team 1: arrived at BGMW12
wind 17 SW

Scale: 1 square = _____

1050 4/13/23
Team 1: arrived at BGMW01 & BGMW07

1100 4/13/23
Team 1: arrived at TMW28

1103 4/13/23
Team 1: arrived at BGMW02
note: broken airline

1115 4/13/23
Team 1: arrived at BGMW03

1129 4/13/23
Team 1: arrived at P206

1131 4/13/23
Team 1: arrived at P205
wind 21 mph SW

1146 4/13/23
Team 1: arrived at TMW27

1152 4/13/23
Team 1: arrived at SMW01

Scale: 1 square = _____

Rite in the Rain

1157 4/13/23
Team 2: arrived at wells TMW26 & PZ04

1250 4/3/23
Team 1: arrived at well PZ03 & PZ02
Note: PZ02 is inaccessible due to water

1303 4/13/23
Team 1: arrived at PZ01

1310 4/13/23
Team 1: arrived at TMW08

1319 4/13/23
Team 2: arrived a well TMW24

1324 4/13/23
Team 1: arrived at BGMW08

1331 4/13/23
Team 1: arrived at well PZ08

1336 4/3/23
Team 2: arrived at well PZ07

Scale: 1 square =_____

1345 4/13/23
Team 1: arrived at TMW61
weather: windy 20 mph NE

1349 4/13/23
Team 2: arrived at well TMW23

1353 4/13/23
Team 1: arrived at well TMW45

1355 4/13/23
Team 1: arrived at well BGMW09

1401 4/13/23
Team 2: arrived at wells TMW06 & TMW07

1412 4/13/23
Team 1: arrived at well MW37

1416 4/13/23
Team 1: arrived at well MW38

1419 4/13/23
Team 1: arrived at well MW26

Scale: 1 square =_____

Rite in the Rain

1424 4/13/23
Team 1: arrived at well TMW5

1429 4/13/23
Team 1: arrived at well MW34

1433 4/13/23
Team 2: arrived at well MW33

1436 4/13/23
Team 1: arrived at well MW25

1443 4/13/23
Team 1: arrived at well MW39

1449 4/13/23
Team 1: arrived at well TMW46

1453 4/13/23
Team 1: arrived at well MW32

1457 4/13/23
Team 2: arrived at well TMW34

1503 4/13/23
Team 1: arrived at well MW31

Scale: 1 square =_____

1506 4/13/23
Team 2: arrived at well TMW10

4/14/23 Team 1 (WM, OA)

0805 4/14/23
Team 2: arrived at well MW20
weather: 42°, sunny, wind 11mph SW

0812 4/14/23
Team 2: arrived at well TMW33

0818 4/14/23
Team 1: arrived at well TMW35

0820 4/14/23
Team 1: arrived at well MW22D & MW22S

0825 4/14/23
Team 1: arrived at well MW30

0830 4/14/23
Team 1: arrived at well MW01 & MW02

0841 4/14/23
Team 2: arrived at well MW29

Scale: 1 square =_____

Rite in the Rain

0845 4/14/23
Team 1: arrived at well MW28

0849 4/14/23
Team 1: arrived at well MW03

0855 4/14/23
Team 1: arrived at well TMW62

0900 4/14/23
Team 1: arrived at well TMW60

0906 4/14/23
Team 1: arrived at well TMW21

0910 4/14/23
Team 1: arrived at well MW27

0915 4/14/23
Team 1: arrived at well MW18 S&D
note: missing air tube

0939 4/14/23
Team 1: arrived at well TMW13
wind: 14 mph SW, gusts 20

Scale: 1 square =_____

0949 4/14/23
Team 1: arrived at well TMW19

0958 4/14/23
Team 1: arrived at well TMW16

1003 4/14/23
Team 1: arrived at well TMW11

1007 4/14/23
Team 1: arrived at well TMW17

1014 4/14/23
Team 1: arrived at well TMW14A

1019 4/14/23
Team 1: arrived at well TMW15

1024 4/14/23
Team 1: arrived at well TMW57

1028 4/14/23
Team 1: arrived at well TMW55

Scale: 1 square =_____

Rite in the Rain.

1033 4/14/23
Team 1: arrived at well TMW37

1037 4/14/23
Team 1: arrived at well TMW38

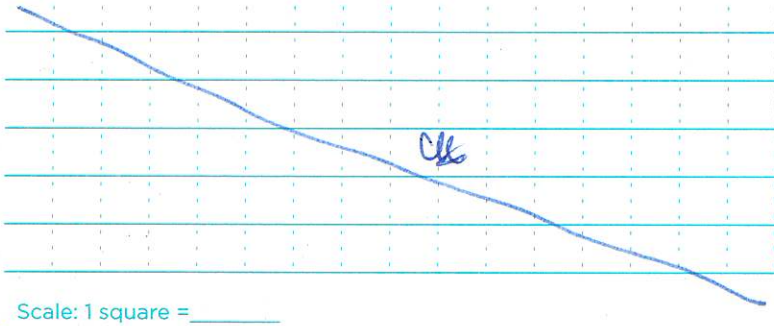
1048 4/14/23
Team 1: arrived at well TMW01

1052 4/14/23
Team 1: arrived at wells TMW31 S&D

1057 4/14/23
Team 1: arrived at well TMW48

1103 4/14/23
Team 1: arrived at well TMW30

1115 4/14/23
Team 1: arived at well TMW49

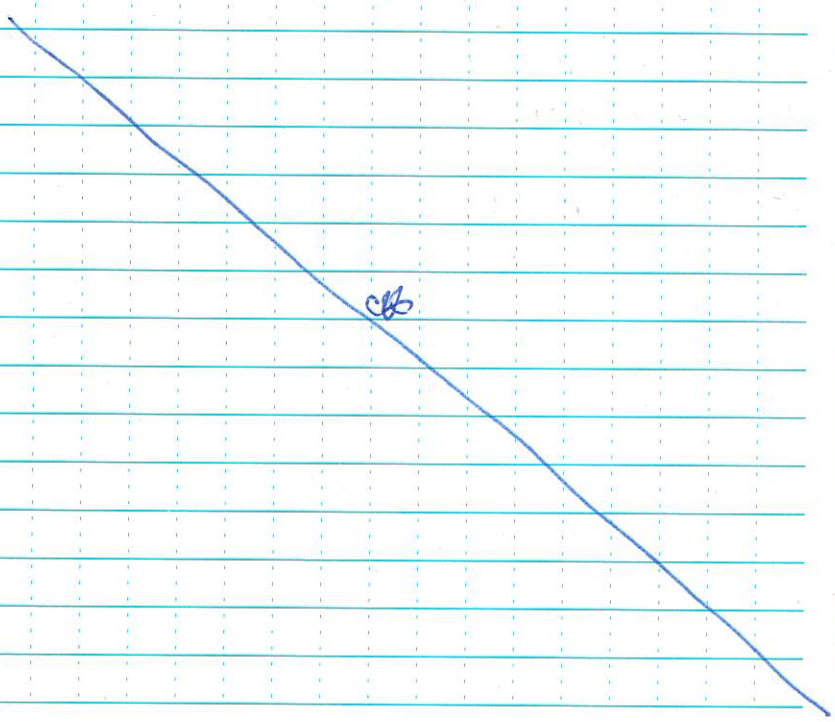


Scale: 1 square = _____

TEAM 1 (DA, CH) 4/16/23

0830 Team arrived at BGMW07.
0900 Begin purging.
1130 Well purged dry.
1150 Depart well.

1240 Arrive at TMW38
1310 Begin purging
1430 Well purged dry
1440 Depart well



Scale: 1 square = _____

Rite in the Rain

TEAM 1 (OA, CH) 4/17/23

0736 Arrive at well BGMW07
0740 Collect sample at BGMW07 (MS/MSD)
0900 Depart well

0910 Arrive at TMW58
0930 Collect sample
0950 Depart well

1030 Arrive at BGMW03
1040 Start purging
1100 Purged dry
1110 Depart well

1115 Arrive at TMW44
1120 Start purging
1144 Purged dry
1150 Depart well

1245 Arrive at TMW46
1255 Start purging
1310 Purged dry
1320 Depart well

Scale: 1 square = _____

1335 Arrive at MW02
1340 Start purging
1351 Purged dry
1355 Depart well

1405 Arrive at MW01
1402 start purging
1416 Purge dry
1420 Depart well

Team 1 (OA, WM) 04/18/23

0710 4/18/23
Team 1: arrived at well BGMW03
Weather: Sunny, 40°, wind 10 mph SW

0800 4/18/23
Team 1: arrived at well TMW44
Weather: Sunny, ~~41°~~ 44°, wind 12 ~~mph~~ SW
Observer: Santiago

0850 4/18/23
Team 1: arrived at well TMW46
Weather: Sunny, 47°, wind 17 mph SW

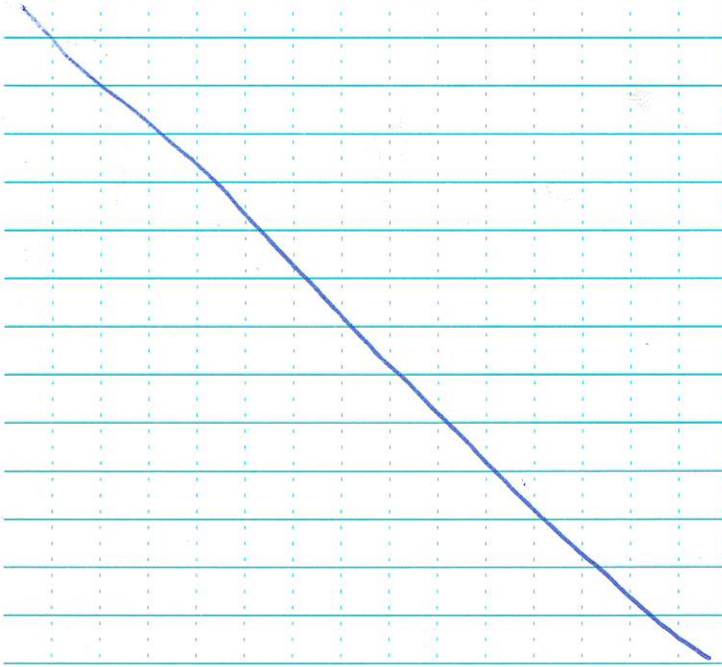
Scale: 1 square = _____

Rite in the Rain

1020 4/18/23
Team 1: arrived at well TMW30
Weather: Sunny, 53°, 24 mph SW

1105 4/18/23
Team 1: arrived at well TMW58
Weather: Sunny, 56°, wind 25 mph WSW

1235 4/18/23
Team 2: arrived at well TMW315
weather: Sunny, 62°, wind 25 mph WSW
Observer: Adam



Scale: 1 square =_____

Team 1 (WM, OA) 4/19/23

0739 4/19/23
Team 1: arrived at well TMW63
Observer: Santiago (0739), (Adam (0930)
Weather: Sunny, 41°, wind 20 mph SW
1040 - Sunny, 53°, wind 26 mph SW
Santiago onsite

1423 4/19/23
Team 1: arrived at well TMW395
Weather: Sunny, 61°, wind 31 mph WSW

Team 1 (OA, WM) 4/20/23
0715 4/20/23
Team 1: arrived at well ~~395~~ TMW395
weather: Sunny, 25°, wind 5 mph E

0830 4/20/23
Team 1: arrived at well TMW23
weather: sunny, 32°, ~~wind~~ wind 4 mph NE

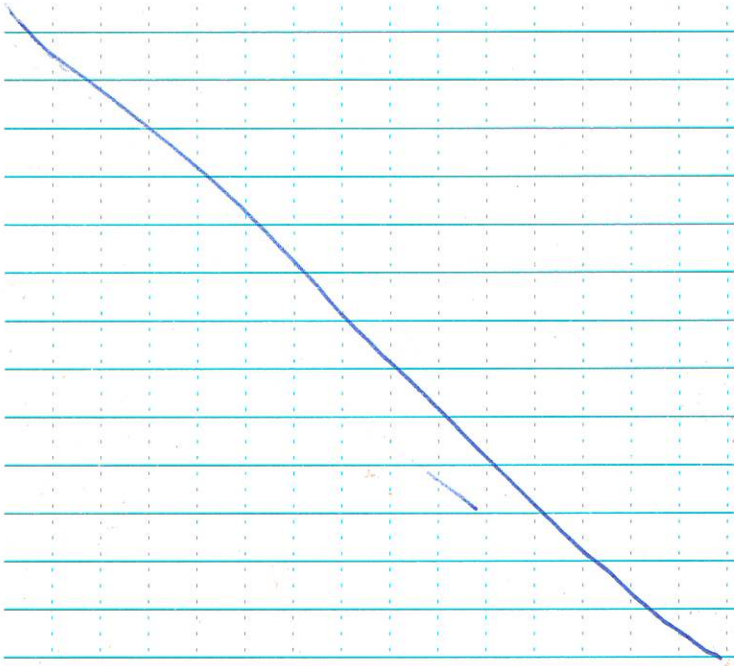
1001 4/20/23
Team 1: arrived at well TMW41
weather: Sunny, 39°, wind 5 mph NW
Observer: Adam

Scale: 1 square =_____

Rite in the Rain

1057 4/20/23
Team 1: arrived at well TMW55
Observer: Adam
Weather: Sunny, 42°, wind 7 mph NW

1251 4/20/23
Team 1: arrival at well TMW62
Weather: Sunny, 49° wind 13 WNW
Observers: Adam & Santiago
1333 4/20/23
Team 1: arrived at well TMW33
Weather: Sunny, 52°, wind 15 mph WNW



Scale: 1 square = _____

Team 1: (OA, WM) 4/21/23

0713 4/21/23
Team 1: arrived at well TMW23 (sample)
weather: Sunny, 24°

0748 4/21/23
Team 1: arrived at well TMW41 (sample)
weather: Sunny, 29°, wind 3 mph SW

0820 4/21/23
Team 1: arrived at well TMW55 (sample)
weather: Sunny, 32°, 2 mph E
Observer: Santiago
0925 4/21/23
Team 1: arrived at well TMW62
weather: Sunny, 40°, wind 3 mph WNW

1014 4/21/23
Team 1: arrived at well TMW33
Observer: Santiago
weather: Sunny, 45°, wind 5 mph WNW

1230 4/21/23
Team 1: arrived at well MW25 (purge/sample)
Weather: Sunny, 54°, 11mph W

Scale: 1 square = _____

Rite in the Rain

Team 1 (OA VA JO) Sunday 4-23-23

Sunny 40°

0830 Team 1 arrive at BSMW07

1050 Team 1 arrival @ TMW58
- USACE Adam observing

4/24/23

0715 Team 1 arrived @ MW33

0755 Team 1 arrived @ MW26

0855 Team 1 arrived @ BLW07

0920 Team 1 arrived @ TMW57

1010 Team 1 arrives @ TMW61

1045 Team 1 arrived @ TMW58

Rite in the Rain.

4/25/23 cloudy/overcast
7mpH - 29mpH winds

7:20 Team 1 arrived @ TMW 45

4/26/23 clear sky 35°C, 0mpH winds

-Team 1 arrived @ TMW 49 at 7:15am

-Team 1 arrive @ TMW 13 @ 10:20

-Team 1 arrive @ MW 18D @ 12:30

Scale: 1 square =_____

Scale: 1 square =_____

Rite in the Rain.

4/17/23

Team 1 arrvd @ TMW3
@ 7:10am

Team 1 arrvd @ TMW21
@ 0925 am

Scale: 1 square = _____

Scale: 1 square = _____

Rite in the Rain

TEAM 2

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Item No. 371FX
NSN: 7530-01-642-7769
ISBN: 978-1-60134-186-0

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Scale: 1 square = _____

4/14/23

0808 gauged well TMW59
Santiago overnight
weather Sunny, 13mph winds 330°

0818 TMW52 gauged (Sand conditions)
0826 TMW44 gauged

0907 TMW56 gauged previous data
says dry water @ 49.1,
previous 52.22

0908 44°F 18mph winds NW
Sunny,

0910
0919 TMW 391 gauged
0931 TMW41 gauged

Scale: 1 square = _____

Rite in the Rain

4/16/23 Team 2 (WM, EO)

0818 4/16/23
Team 2: arrived at well TMW16
Observer: Santiago
Weather: Sunny, 36°, wind 7mph E

0947 4/16/23
Team 2: arrived at well TMW18
Observer: Santiago
Weather: Sunny, 49°, wind 5 mph E

1055 4/16/23
Team 2: arrived at well TMW19
Observer: Santiago
Weather: Sunny, 55°, 4 mph NE

1246 4/16/23
Team 2: arrived at well TMW36
Observer: Santiago
Weather: Sunny, 62°, wind 6mph WSW

1325) TMW36 Nitrogen tank running out. Adam of Army Corps began oversight

4/17/23 Team 2 (WM, EO)

0735 4/17/23
Team 2: arrived at well TMW16
Observer: Adam
Weather: Sunny, 39°, wind 5mph SE

0830 4/17/23
Team2: arrived at well TMW18
Observer: Adam
Weather: Sunny, 46°, wind 5mph S
note: change fitting on water line

1005 4/17/23
Team 2: Sunny, 55°, wind 9 mph SW
Team 2: arrived at well TMW19

1045 4/17/23
Team 2: arrived at well TMW36
weather: Sunny, 59°, wind 11 mph SW
Observer: Adam

1253 4/17/23
Team 2: Arrived at well TMW37
weather: Sunny; 66°, wind 15 mph WSW

Rite in the Rain.

TEAM 2 (EO, CH) 4/18/2023

0715 Arrive at TMW37
0730 Collect sample
0750 Depart well

0810 Arrive at well MW24
0820 Start purging
0900 Collect sample
0935 Depart well

1010 Arrive at BGMW02
1025 Start purging
1110 Collect sample
1130 Depart well

1220 Arrive at BGMW01
1225 Start purging
1300 Collect sample
1330 Depart well

Scale: 1 square =_____

TEAM 2 (EO, CH) 4/19/23

0710 Arrive at TMW26
0730 Start purging
0810 Collect sample
0815 Depart well

0820 Arrive at SMW01
0825 Start purging
0900 Collect sample
0920 Depart well

0925 Arrive at TMW27
0935 Start purging
1020 Collect sample
1030 Depart well

1210 Arrive at TMW03
1220 Start purging
1300 Collect sample
1330 Depart well

Scale: 1 square =_____

Rite in the Rain

TEAM 2 (EO, CH) 4/20/2023

0720 Arrive at TMW18
0730 Collect nitrate sample
0732 Depart well

0735 Arrive at TMW01
0740 Start purging
0820 Collect sample
0845 Depart well

0905 Arrive at MW03
0910 Start purging
0950 Collect sample
1010 Depart well

1020 Arrive at TMW10
1030 Start purging
1105 Collect sample (DUP @ 1110)
1135 Depart well

dtz

Scale: 1 square = _____

TEAM 2 (EO, CH) 4/21/2023

0740 Arrive at TMW04
0745 Start purging
0835 Collect sample
0850 Depart well

0855 Arrive at TMW02
0900 Start purging
0940 Collect sample (DUP at 0945)
1000 Depart well

1030 Arrive at TMW14A
1040 Start purging
1130 Collect sample
1200 Depart well

1245 Arrive at TMW17
Start purging
Collect sample
Depart well

Scale: 1 square = _____

Rite in the Rain.

4/23/23 40°F, Mostly Sunny

EO, CH, GP

0810 Arrive @ MW33
- Purge well dry

0840 Depart MW33

0845 Arrive @ MW34
- Purge well dry

0920 Depart MW34

0925 Arrive @ MW26
- Purge well dry

1010 Depart MW26

1020 Arrive @ TMW57
- Purge well dry

1040 Depart TMW57

1045 Arrive @ TMW61
- Purge well dry

1110 Depart TMW61

1130 Transfer purge waters into evaporation pit

Scale: 1 square = _____

1225 Arrive @ MW27
- Purge well dry

1305 Depart MW27

1320 Transfer purge waters into evaporation pit

Scale: 1 square = _____

Rite in the Rain

4/24/23 40°F, Partly Cloudy

EO, GP

0710 Arrive @ MW34
- Sample well, Adam oversight

0800 Depart MW34

0830 Arrive @ TMW28
- Purge + Sample, Adam oversight

0945 Depart TMW28

1015 Arrive @ TMW24
- Purge + sample, Adam oversight

1125 Depart TMW24

1215 Arrive @ TMW03
- Purge + sample, Santiago oversight

1410 Depart TMW03

Scale: 1 square =_____

4/25/23 49°F, Cloudy

EO, GP

0715 Arrive @ TMW43
- ~~purge + sample~~ well (duplicate)

0845 Depart TMW43

0900 Arrive @ TMW39D
- Purge + sample well

1005 Depart TMW39D

1010 Arrive @ TMW40D
- Purge + sample well

1125 Depart TMW40D

1130 Lunch

1235 Arrive @ TMW15
- Purge ~~+ sample well~~ & Thunderstorm standby

1440 Depart TMW15

1450 Dump purge waters into cistern

Scale: 1 square =_____

Rite in the Rain.

4/26/23 33°F, Sunny

EO, GP

0700 Arrive @ TMW15
- Repurge + sample well

0835 Depart TMW15

0840 Arrive @ TMW06
- Purge + Sample Well, Adam oversight

1000 Depart TMW06

1010 Arrive @ TMW35
- Purge + sample well, fixed flow box air line

1130 Depart TMW35

1135 Arrive @ MW20
- Purge + sample well, Adam oversight

1255 Depart MW20

1300 Lunch

1315 Arrive @ TMW34
- Purge + Sample well

1410 Depart TMW34

4/27/23 38°F, Sunny

EO, GP

0700 Arrive @ TMW25
- Purge + Sample well

0800 Depart TMW25

0805 Arrive @ TMW38
- Purge + sample well

1000 Depart TMW38

1015 Arrive @ MW22D
- Purge + Sample well

1200 Depart MW22D

Rite in the Rain.

TEAM 3

DEFYING
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ALL-WEATHER
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4/16/23 43°F Sunny

GN, GP

0920 Arrive @ MW32
- Purge well dry

1040 Depart @ MW32

1100 Arrive @ BGMW08
- Purge well dry, Santiago oversight

1210 Depart @ BGMW08

1250 Arrive @ BGMW09
- Purge well dry, Santiago oversight

1410 Depart BGMW09

1425 Arrive @ BGMW12
- Purge well dry

1515 Depart BGMW12

1600 Transfer purge water into evaporation cistern

Scale: 1 square = _____

4/17/23 36°F Partly Cloudy

GN, GP

0730 Arrive @ MW32
- Sample well

0845 Depart MW32

0855 Arrive @ BGMW08
- Sample well

1010 Depart BGMW08

1015 Arrive @ BGMW09
- Sample well (dup sample)

1150 Depart BGMW09

Lunch @1200

1235 Arrive @ BGMW12
- Sample well

1325 Depart BGMW12

1420 Arrive @ BGMW10
- ~~Samp~~ Purge well dry, Santiago oversight, pump issue

1545 Depart BGMW10

1550 Arrive @ MW28
- Purge well dry

1415 Depart MW28

1430 Transfer Rate Water to Pit

Scale: 1 square = _____

4/18/23 51°F, Windy, Mostly Sunny

GN, GP

0725 Arrive @ BGMW10
- Sample well; collect duplicate sample

0845 Depart BGMW10

0905 Arrive @ MW02, MW01
- sample both wells

1030 Depart MW02, MW01

1100 Arrive @ MW28
- Sample well

1140 Depart MW28

1230 Arrive @ TMW11
- Purge well dry

1250 Depart TMW11

1255 Arrive @ TMW40S
- Purge well dry

1310 Depart TMW40S

Scale: 1 square = _____

4/19/23 46°F, Sunny/Windy

GN, GP

0730 Arrive @ TMW11
- well confirmed dry

0735 Depart TMW11

0740 Arrive @ TMW40S
- well confirmed dry

0745 Depart TMW40S

0750 Arrive @ TMW30
- sample well

0825 Depart TMW30

0830 Arrive @ TMW50
- sample well

0930 Depart TMW50

0955 Arrive @ TMW31S
- Sample well

1035 Depart TMW31S

Scale: 1 square = _____

Rite in the Rain.

1110 Arrive @ BGMW11
- Purge + sample well, including trip for broken key

1245 Depart BGMW11

1250 Lunch

1330 Arrive @ BGMW09
- Repurge dry, no need after confirmation from lab regarding original sample delivery is in time.

1415 Depart BGMW09

1420 Arrive @ BGMW08
- Repurge dry for Nitrate sample

1440 Depart BGMW08

1445 Arrive @ MW32
- Repurge dry for Nitrate sample

1520 Depart MW32

1530 Transfer purge waters to pit

Scale: 1 square = _____

4/20/23 28°F Sunny
GN, G°

0715 Arrive @ MW32
- Resample well for nitrates

0725 Depart MW32

0730 Arrive @ BGMW08
- Resample well for nitrates

0745 Depart BGMW08

0805 Arrive @ MW29
- Purge well dry

0900 Depart MW29

0905 Arrive @ TMW07
- Purge well dry

0945 Depart TMW07

0950 Arrive @ TMW22
- Purge well dry

1135 Depart TMW22

1140 Lunch

1210 Arrive @ TMW29
- Purge well dry

1245 Depart TMW29

Scale: 1 square = _____

Rite in the Rain

1310 Transfer purge waters into pit

4/21/23

GN, GP 26°F, Sunny

0710 Arrive @ MW29
- sample well

0755 Depart MW29

0805 Arrive @ TMW07
- Sample well

0840 Depart TMW07

0845 Arrive @ TMW22
- sample well

0915 Depart TMW22

0930 Arrive @ TMW29
- sample well

1000 Depart TMW29

1005 Arrive @ TMW51
- purge + sample well

1225 Depart TMW51

1300 Transfer Purge Waters into pit.

Scale: 1 square = _____

Team 3 (WM, GN) 4/23/23

0816 4/23/23
Team 3: arrived at well MW35 S&D
Observer: Santiago
Weather: Sunny, 40°, 3 mph E

1023 4/23/23
Team 3: arrived at well MW23
Weather: Sunny, 51°, wind 3 mph NNW
Observer: Santiago

1224 4/23/23
Team 3: arrived at well TMW59
weather: 58°, partly cloudy, 7 mph W
visitor: Carlos
Observer: Adam

1257 4/23/23
Team 3: arrived at well TMW53
Observer: Adam
Weather: partly cloudy, 59°, 8 mph W
Visitor: Carlos

Scale: 1 square = _____

Rite in the Rain

Team 3 (WM, GN) 4/24/23

0711 4/24/23
Team 3: arrived at wells MW36 S & D for sampling
Weather: partly cloudy, 40°, wind 5 mph S
Observer: Santiago

~~Team 3~~ WM:

0822 4/24/23
Team 3: arrived at well: MW23
Observer: Santiago
Weather: Sunny, 47°, wind 6 mph WSW

0929 4/24/23
Team 3: arrived at well TMW59
Weather: Sunny, 51°, wind 6 mph W
Observer: Santiago

1020 4/24/23
Team 3: arrived at well TMW53
Observer: Santiago
Weather: Sunny, 56°, wind 8 mph W

1213 4/24/23
Team 3: arrived at well MW27
Observer: Adam
Weather: partly cloudy, 62°, wind 16 mph W

1322 4/24/23
Team 3: arrived at well TMW52
Observer: Adam
Weather: partly cloudy/sprinkling, 63°, 19 mph W

1435 4/24/23
Team 3: arrived at well MW37 (purging)
Observer: Adam
Weather: partly cloudy, 65°, wind 19 mph W
Visitor: Edwin

Rite in the Rain

TEAM 3 (WM, GN, RS) 4/25/23

0732 4/25/23
Team 3: arrived at well TMW 52
Observer: N/A
Weather: overcast, 43°, wind 9 mph SSW

0819 4/25/23
Team 3: arrived at well MW37
Observer: N/A
Weather: overcast, 45°, 12 mph SW

0914 4/25/23
Team 3: arrived at wells BGMW13 S&D
Observer: N/A
Weather: partly cloudy, 51°, wind 16 mph SW

1446 4/25/23
Team 3: arrived at well MW30
Observer: Adam
Weather: overcast, 62°, 27 mph W
note: delay due to lightening watch

Scale: 1 square = _____

1518 4/25/23
Team 3: arrived at well MW31
Observer: Adam
Weather: overcast / light rain, 62°, 27 mph W

Scale: 1 square = _____

Rite in the Rain.

Team 3 (GN, RS, WM) 4/26/23

0709 4/26/23
Team 3: arrived at well MW30
Observer: Santiago, Adam
Weather: Sunny, 31°, 5mph WSW

0747 4/26/23
Team 3: arrived at well MW31
Observer:
Weather: Sunny, 34°, 6mph W

0958 4/26/23
Team 3: arrived at well TMW64
Observer: Santiago
Weather: Sunny, 44°, 11 MPH

1241 4/26/23
Team 3: arrived at well MW39
Observer: Santiago
Weather: Sunny, 56°, wind 13mph N

1315 4/26/23
Team 3: arrived at well MW38
Observer: Santiago
Weather: Sunny, 58°, 12mph N

Scale: 1 square = _____

Team 3 (GN, RS, WM) 4/27/23

0703 4/27/23
Team 3: arrived at well MW39
Observer: Santiago
Weather: Sunny, 35°, 4mph S

0739 4/27/23
Team 3: arrived at well MW38
Observer: Santiago
Weather: Sunny, 35°, 4mph S

0812 4/27/23
Team 3: arrived at well TMW47
Observer: Santiago
Weather: Sunny, 43°, 4MPH SSW

Scale: 1 square = _____

Rite in the Rain

APPENDIX B

GROUNDWATER SAMPLING FIELD DATA SHEETS

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

		Well ID:	**BGMW01**
Client: USACE (W912PP19F0001)		Date:	4/18/2023
Project # Eco-18-1237	Sampling Personnel: EO, CH		
Location: Wingate Army Depot	Casing Diameter: 2.5"	Initial Depth-to-Water (ft): 20.18	
Purging Method: BESST low flow			
Monitoring Equipment: Horiba U-52	Well Depth (ft): 33	Screen Interval (ft): 12.5 to 32.5	
Purging Date: 4/18/2023	Water Column (ft): 12.82	Midscreen (ft): 22.5'	
Sampling Date: 4/18/2023	Recommended Pump Settings: 30 psi, 3 sec on, 40 sec off		
Purged Dry: No	Field Pump Settings: 30 psi, 3 sec on, 40 sec off		

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# BGMW01042023 Time 1300	ID# — Time —	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 (mL/m)	Comments
1225	Start purging						20.18		200	
1230	16.37	8.21	61	4.26	17.4	0.58	20.35			
1235	15.78	8.14	77	4.25	12.0	0.00	20.54			
1240	15.59	8.13	85	4.27	11.4	0.10	20.60			
1245	15.60	8.12	91	4.29	11.4	0.00	20.71			
1250	15.62	8.12	92	4.28	11.2	0.00	20.68			
1255	15.63	8.13	90	4.28	11.4	0.00	20.70	6		
1300	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/18/2023	3	40 mL VOA	HCl	8260	Emax
4/18/2023	1	1 Liter Amber	Ice	8270	Emax
4/18/2023	1	1 Liter Amber	Ice	8081	Emax
4/18/2023	1	250 mL Amber	Ice	8330	Emax
4/18/2023	1	250 mL Poly	Ice	9056	Emax
4/18/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/18/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern	**Well Cap and Casing condition**
Comments:	Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

		Well ID:	**BGMW02**
Client: USACE (W912PP19F0001)		Date:	4/18/2023
Project # Eco-18-1237	Sampling Personnel: EO, CH		
Location: Wingate Army Depot	Casing Diameter: 2.5"	Initial Depth-to-Water (ft): 22.43	
Purging Method: BESST low flow			
Monitoring Equipment: Horiba U-52	Well Depth (ft): 34	Screen Interval (ft): 13.5 to 33.5	
Purging Date: 4/18/2023	Water Column (ft): 11.57	Midscreen (ft): 23.5'	
Sampling Date: 4/18/2023	Recommended Pump Settings: 30 psi, 3.5 sec on, 40 sec off		
Purged Dry: No	Field Pump Settings: 30 psi, 3.5 sec on, 40 sec off		

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# BGMW02042023 Time 1110	ID# — Time —	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 (mL/m)	Comments
1025	Start purging						22.37		200	
1030	13.10	8.22	68	3.90	222	2.07	22.58			
1035	13.21	8.16	73	3.92	331	2.87	22.65			
1040	13.36	8.12	80	3.95	259	2.09	22.60			
1045	13.35	8.14	84	3.93	217	2.26	22.67			
1050	13.34	8.14	87	3.92	165	2.02	22.62			
1055	13.37	8.15	91	3.92	98.8	2.07	22.61			
1100	13.38	8.16	91	3.92	96.5	0.00	22.65	7		
1110	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases,	Analytical Method	Laboratory
4/18/2023	3	40 mL VOA	HCl	8260	Emax
4/18/2023	1	1 Liter Amber	Ice	8270	Emax
4/18/2023	1	1 Liter Amber	Ice	8081	Emax
4/18/2023	1	250 mL Amber	Ice	8330	Emax
4/18/2023	1	250 mL Poly	Ice	9056	Emax
4/18/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/18/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW03**

Client: USACE (W912PP19F0001) Date: 4/17/2023

Project # Eco-18-1237 Sampling Personnel: OA, WM

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 17.33

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 31 Screen Interval (ft): 8.5 to 28.5

Purging Date: 4/17/2023 Water Column (ft): 17.33 Midscreen (ft): 18.5

Sampling Date: 4/18/2023 Recommended Pump Settings: 95 - 115 Hz

Purged Dry: Yes Field Pump Settings: 95 - 110 Hz

Initial DO Reading:

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# BGMW03042023 Time 0720	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1040	Start purging						17.33		0.5	
1043	13.04	6.49	137	3.52	71.5	6.38	18.60			
1046	12.92	6.51	118	3.06	32.2	6.16	19.55			
1049	13.04	6.43	120	2.73	12.9	4.06	21.15			
1052	13.36	6.42	118	2.66	7.8	2.55	23.05			
1055	13.39	6.43	116	2.64	12.6	1.20	25.50			
1100	Purged dry							10		
4/18/2023										
0720	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases,	Analytical Method	Laboratory
4/18/2023	3	40 mL VOA	HCl	8260	Emax
4/18/2023	1	250 mL Amber	Ice	8330	Emax
4/18/2023	1	250 mL Poly	Ice	9056	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/18/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/18/2023	1	1 Liter Amber	Ice	8270	Emax
4/18/2023	1	1 Liter Amber	Ice	8081	Emax
4/18/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW07**

Client: USACE (W912PP19F0001) Date: 4/16/2023

Project # Eco-18-1237 Sampling Personnel: OA, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 17.64

Purging Method: Reclaimer pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 257 Screen Interval (ft): 215 to 255

Purging Date: 4/16/2023 Water Column (ft): 239.36 Midscreen (ft): 235

Sampling Date: 4/17/2023 Recommended Pump Settings: 100 psi, Fill: 30, Discharge: 45

Purged Dry: Yes Field Pump Settings: 100-120 psi, Fill: 30, Discharge: 45

Initial DO Reading:

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# BGMW07042023 Time 0740	ID# — Time —	Yes

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0900	Start purging						6.30		0.25	100 psi
0910	12.03	6.45	37	29.2	>1000	3.46	20.30			
0930	12.87	6.78	-84	28.3	214	2.64	53.00			
0950	13.29	6.66	64	27.2	62.2	0.42	90.50			
1010	13.47	6.66	79	27.2	14.2	0.45	107.00			
1030	13.74	6.67	83	27.0	14.6	0.64	130.30			110 psi
1050	13.76	6.70	56	27.0	77.8	0.74	167.00			
1110	13.91	6.72	65	26.9	189	0.88	202.20			120 psi
1130	Purged dry							40		
4/17/2023										
0740	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases,	Analytical Method	Laboratory
4/17/2023	9	40 mL VOA	HCl	8260	Emax
4/17/2023	3	250 mL Amber	Ice	8330	Emax
4/17/2023	3	250 mL Poly	Ice	9056	Emax
4/17/2023	3	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/17/2023	3	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/17/2023	3	60 mL Poly	Ice	6850 / 6860	Emax
4/17/2023	3	1 Liter Amber	Ice	8270	Emax
4/17/2023	3	1 Liter Amber	Ice	8081	Emax
4/17/2023	3	1 Liter Amber	Ice	8082	Emax
4/17/2023	3	500 mL Amber	Ice	8151	Emax
4/17/2023	6	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW07**

Client: USACE (W912PP19F0001) Date: 4/23/2023

Project # Eco-18-1237 Sampling Personnel: OA, VA, RS

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 57.56

Purging Method: Reclaimer pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 257 Screen Interval (ft): 215 to 255

Purging Date: 4/23/2023 Water Column (ft): 199.44 Midscreen (ft): 235

Sampling Date: 4/24/2023 Recommended Pump Settings: 100 psi, Fill: 30, Discharge: 45

Purged Dry: Yes Field Pump Settings: 100 psi, Fill: 30, Discharge: 45

Initial DO Reading:

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# BGMW07042023 Time 1000	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0840	Start purging						57.56		0.4	
0850	12.20	6.54	69	27.5	9.6	0.30	93.80			
0920	12.34	6.85	92	27.8	11.6	0.63	140.70			
0940	12.48	6.98	103	27.7	8.5	1.30	188.23			
1000	12.80	7.07	122	27.5	29.8	7.79	225.50			
1010	Purged dry							35		
4/24/2023										
1000	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases,	Analytical Method	Laboratory
4/24/2023	1	250 mL Poly	Ice	9056	Emax

Discharge Water: Evaporation Cistern

Comments: Repurged/resampled for anions on 4/23 and 4/24.

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW08**

Client: USACE (W912PP19F0001) Date: 4/16/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 131.22

Purging Method: Grundfos submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 187 Screen Interval (ft): 165 to 185

Purging Date: 4/16/2023 Water Column (ft): 52.54 Midscreen (ft): 175

Sampling Date: 4/17/2023 Recommended Pump Settings: 300 - 335 Hz

Purged Dry: Yes Field Pump Settings: 300 - 320 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# BGMW08042023 Time 0910	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1120	Start purging						131.22		0.5	300 Hz
1125	18.24	7.69	185	17.6	13.5	0.45	167.88			
1130	17.61	7.62	238	17.5	23.1	0.65	171.12			
1135	17.57	7.64	229	17.8	110	1.26	176.20			320 Hz
1137	Purged dry							11		
4/17/2023										
0910	Collect sample									
4/19/2023										
1425	Start purging						185.00			
1427	Purged dry, not enough water for parameter readings							1		
4/20/2023										
0740	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/17/2023	3	40 mL VOA	HCl	8260	Emax
4/17/2023	1	250 mL Amber	Ice	8330	Emax
4/17/2023	1	250 mL Poly	Ice	9056	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/17/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/17/2023	1	1 Liter Amber	Ice	8270	Emax
4/17/2023	1	1 Liter Amber	Ice	8081	Emax
4/17/2023	1	1 Liter Amber	Ice	8082	Emax
4/17/2023	1	500 mL Amber	Ice	8151	Emax
4/17/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments: Well resampled for anions on 4/19 and 4/20.

Well Cap and Casing condition
Fair

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

		Well ID:	**BGMW09**
Client: USACE (W912PP19F0001)		Date:	4/16/2023
Project # Eco-18-1237	Sampling Personnel: GN, GP		
Location: Wingate Army Depot	Casing Diameter: 2"	Initial Depth-to-Water (ft): 43.21	
Purging Method: Grundfos / submersible pump			
Monitoring Equipment: Horiba U-52	Well Depth (ft): 138	Screen Interval (ft): 106 to 136	
Purging Date: 4/16/2023	Water Column (ft): 94.79	Midscreen (ft): 121'	
Sampling Date: 4/17/2023	Recommended Pump Settings: 250 - 290 Hz		
Purged Dry: Yes	Field Pump Settings: 200 - 280 Hz		
Initial DO Reading:			

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# BGMW09042023 Time 1025	ID# BGMW09042023D Time 1040	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1305	Start purging						43.21		0.7	200 Hz
1310	19.99	8.18	76	5.52	155	0.52	71.83			
1315	18.91	8.41	63	5.22	87.4	1.64	80.02			220 Hz
1320	17.18	8.49	62	5.23	31.7	6.01	94.20			
1325	17.46	8.47	63	5.25	16.8	2.24	100.21			250 Hz
1330	16.87	8.47	62	5.28	13.5	1.83	111.80			
1335	16.74	8.49	61	5.33	61.6	3.24	117.42			280 Hz
1340	16.17	8.52	54	5.25	59.3	4.95	133.05			
1342	Purged dry							27		
4/17/2023										
1025	Collect sample									
1040	Collect duplicate sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/17/2023	6	40 mL VOA	HCl	8260	Emax
4/17/2023	2	250 mL Amber	Ice	8330	Emax
4/17/2023	2	250 mL Poly	Ice	9056	Emax
4/17/2023	2	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/17/2023	2	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/17/2023	2	60 mL Poly	Ice	6850 / 6860	Emax
4/17/2023	2	1 Liter Amber	Ice	8270	Emax
4/17/2023	2	1 Liter Amber	Ice	8081	Emax
4/17/2023	2	1 Liter Amber	Ice	8082	Emax
4/17/2023	2	500 mL Amber	Ice	8151	Emax
4/17/2023	4	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern	**Well Cap and Casing condition**
Comments:	Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW10**

Client: USACE (W912PP19F0001) Date: 4/17/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 30.02

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 139 Screen Interval (ft): 106 to 136

Purging Date: 4/17/2023 Water Column (ft): Midscreen (ft): 121

Sampling Date: 4/18/2023 Recommended Pump Settings: 200 - 230 Hz

Purged dry: Yes Field Pump Settings: 200 - 330 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# BGMW10042023 Time 0740	ID# BGMW10042023D Time 0750	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1455	Start purging						30.02		0.8	200 Hz
1500	16.90	6.73	119	3.00	344	1.63	68.75			
1505	16.03	8.07	47	2.79	92.2	6.67	82.00			
1510	15.67	8.32	37	2.76	53.2	4.42	91.69			225 Hz
1515	15.68	8.43	31	2.76	58.9	3.79	104.80			235 Hz
1520	15.90	8.54	24	2.76	53.7	4.31	111.00			260 Hz
1525	15.58	8.63	8	2.77	466	2.22	119.00			280 Hz
1531	Purged dry							30		330 Hz
4/18/2023										
0740	Collect sample									
0750	Collect duplicate sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/18/2023	6	40 mL VOA	HCl	8260	Emax
4/18/2023	2	250 mL Amber	Ice	8330	Emax
4/18/2023	2	250 mL Poly	Ice	9056	Emax
4/18/2023	2	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/18/2023	2	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/18/2023	2	60 mL Poly	Ice	6850 / 6860	Emax
4/18/2023	2	1 Liter Amber	Ice	8270	Emax
4/18/2023	2	1 Liter Amber	Ice	8081	Emax
4/18/2023	2	1 Liter Amber	Ice	8082	Emax
4/18/2023	2	500 mL Amber	Ice	8151	Emax
4/18/2023	4	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW11**

Client: USACE (W912PP19F0001) Date: 4/19/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 16.20

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 40 Screen Interval (ft): 20 to 40

Purging Date: 4/19/2023 Water Column (ft): 23.80 Midscreen (ft): 30

Sampling Date: 4/19/2023 Recommended Pump Settings: 140 - 160 Hz

Purged dry: No Field Pump Settings: 120 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample	**Duplicate Sample**	**MS/ MSD**
ID # BGMW11042023 Time 1220	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1130	Start purging						16.20		0.6	120 Hz
1135	14.24	7.60	154	5.52	175	3.33	22.50			
1140	13.66	7.83	50	5.48	50.5	0.00	23.61			
1145	13.62	7.94	36	5.45	30.7	0.00	23.43			
1150	13.70	7.93	39	5.44	28.9	0.86	22.98			
1155	13.49	8.00	17	5.16	8.6	0.00	24.79			
1200	13.20	8.00	4	4.69	38.2	0.20	25.81			
1205	13.40	8.00	11	5.00	75.7	0.23	26.05			
1210	13.46	8.09	24	5.00	41.9	0.09	26.15			
1215	13.44	8.03	7	5.03	23.1	0.00	26.21	27		
1220	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/19/2023	3	40 mL VOA	HCl	8260	Emax
4/19/2023	1	250 mL Amber	Ice	8330	Emax
4/19/2023	1	250 mL Poly	Ice	9056	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/19/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/19/2023	1	1 Liter Amber	Ice	8270	Emax
4/19/2023	1	1 Liter Amber	Ice	8081	Emax
4/19/2023	1	1 Liter Amber	Ice	8082	Emax
4/19/2023	1	500 mL Amber	Ice	8151	Emax
4/19/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/19/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/19/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW12**

Client: USACE (W912PP19F0001) Date: 4/16/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 20.27

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 36 Screen Interval (ft): 12 to 32

Purging Date: 4/16/2023 Water Column (ft): 15.73 Midscreen (ft): 22

Sampling Date: 4/17/2023 Recommended Pump Settings: 120-160 Hz

Purged dry: Yes Field Pump Settings: 120 - 200 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# BGMW12042023 Time 1250	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1440	Start purging						20.27		1.3	120 Hz
1445	17.58	8.22	77	1.45	23.6	3.40	24.21			
1450	17.11	8.00	77	1.92	99.5	4.84	24.25			150 Hz
1455	16.02	8.02	62	2.09	145	6.10	29.21			200 Hz
1458	Purged dry							24		
4/17/2023										
1250	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/17/2023	3	40 mL VOA	HCl	8260	Emax
4/17/2023	1	250 mL Amber	Ice	8330	Emax
4/17/2023	1	250 mL Poly	Ice	9056	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/17/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/17/2023	1	1 Liter Amber	Ice	8270	Emax
4/17/2023	1	1 Liter Amber	Ice	8081	Emax
4/17/2023	1	1 Liter Amber	Ice	8082	Emax
4/17/2023	1	500 mL Amber	Ice	8151	Emax
4/17/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/17/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/17/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

		Well ID:	**BGMW13S**
Client: USACE (W912PP19F0001)		Date:	4/25/2023
Project # Eco-18-1237	Sampling Personnel: GN, RS, WM		
Location: Wingate Army Depot	Casing Diameter: 2"	Initial Depth-to-Water (ft): 21.00	
Purging Method: Grundfos / submersible pump			
Monitoring Equipment: Horiba U-52	Well Depth (ft): 70	Screen Interval (ft): 49 to 69	
Purging Date: 4/25/2023	Water Column (ft): 49.00	Midscreen (ft): 59	
Sampling Date: 4/25/2023	Recommended Pump Settings: 130 - 170 Hz		
Purged dry: No	Field Pump Settings: 140 - 265 Hz		
Initial DO Reading:			

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# BGMW13S042023 Time 1015	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0930	Start purging						21.00		1	140 Hz
0940	12.93	7.61	-119	1.36	50.6	4.63	26.55			
0950	13.23	8.34	-167	1.34	21.4	1.64	27.02			190 Hz
1000	13.07	8.29	-156	1.34	20.3	0.56	28.15			265 Hz
1010	12.98	8.34	-159	1.35	25.3	0.48	29.10	40		
1015	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/25/2023	3	40 mL VOA	HCl	8260	Emax
4/25/2023	1	250 mL Amber	Ice	8330	Emax
4/25/2023	1	250 mL Poly	Ice	9056	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/25/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/25/2023	1	1 Liter Amber	Ice	8270	Emax
4/25/2023	1	1 Liter Amber	Ice	8081	Emax
4/25/2023	1	1 Liter Amber	Ice	8082	Emax
4/25/2023	1	500 mL Amber	Ice	8151	Emax
4/25/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/25/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/25/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern	**Well Cap and Casing condition**
Comments:	Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **BGMW13D**

Client: USACE (W912PP19F0001) Date: 4/25/2023

Project # Eco-18-1237 Sampling Personnel: GN, RS, WM

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 19.25

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 111 Screen Interval (ft): 84 to 104

Purging Date: 4/25/2023 Water Column (ft): 91.75 Midscreen (ft): 94

Sampling Date: 4/25/2023 Recommended Pump Settings: 240-280 Hz

Purged dry: No Field Pump Settings: 250 - 330 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# BGMW13D042023 Time 1135	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1035	Start purging						19.25		1.5	250 Hz
1045	14.89	8.62	-146	1.20	89.5	6.05	60.91			
1055	14.40	8.68	-139	1.18	48.6	5.61	68.21			280 Hz
1105	14.25	8.61	-133	1.19	46.1	2.04	71.91			
1115	14.10	8.39	-122	1.20	37.3	0.55	73.00			
1125	14.07	8.67	-140	1.19	63.8	0.00	79.19			330 Hz
1135	13.89	8.58	-138	1.20	59.1	6.37	89.15	90		
1135	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/25/2023	3	40 mL VOA	HCl	8260	Emax
4/25/2023	1	250 mL Amber	Ice	8330	Emax
4/25/2023	1	250 mL Poly	Ice	9056	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/25/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/25/2023	1	1 Liter Amber	Ice	8270	Emax
4/25/2023	1	1 Liter Amber	Ice	8081	Emax
4/25/2023	1	1 Liter Amber	Ice	8082	Emax
4/25/2023	1	500 mL Amber	Ice	8151	Emax
4/25/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/25/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/25/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW01**

Client: USACE (W912PP19F0001) Date: 4/17/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 44.43

Purging Method: Hand Bail

Monitoring Equipment: Horiba U-52 Well Depth (ft): 55 Screen Interval (ft): 33.6 to 53.6

Purging Date: 4/17/2023 Water Column (ft): 10.57 Midscreen (ft): 43.6

Sampling Date: 4/18/2023 Recommended Pump Settings: NA

Purged dry: Yes Field Pump Settings: NA

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# MW01042023 Time 0955	ID# — Time —	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
1402	Start purging						44.43		0.67	
1405	15.77	6.92	138	3.26	38.2	4.76				
1408	15.17	6.85	146	3.33	26.0	4.35				
1411	15.37	6.90	149	3.31	146	3.31				
1414	15.37	7.03	146	3.33	74.8	3.70				
1416	Purged dry							8		
4/18/2023										
0955	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/18/2023	3	40 mL VOA	HCl	8260	Emax
4/18/2023	1	250 mL Amber	Ice	8330	Emax
4/18/2023	1	250 mL Poly	Ice	9056	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/18/2023	1	1 Liter Amber	Ice	8081	Emax
4/18/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/18/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/18/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/18/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Fair

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: MW02

Client: USACE (W912PP19F0001) Date: 4/17/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 42.77

Purging Method: Hand Bail

Monitoring Equipment: Horiba U-52 Well Depth (ft): 59 Screen Interval (ft): 37 to 47

Purging Date: 4/17/2023 Water Column (ft): 16.23 Midscreen (ft): 42

Sampling Date: 4/18/2023 Recommended Pump Settings: None

Purged Dry: Yes Field Pump Settings: None

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# MW02042023 Time 0910	ID# — Time —	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
1340	Start purging						42.77		1.1	
1343	16.80	6.96	109	2.68	9.9	6.52				
1346	16.01	6.72	141	2.79	24.2	5.22				
1349	15.97	6.66	144	2.71	514	4.42				
1351	Purged dry							12		
4/18/2023										
0910	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/18/2023	3	40 mL VOA	HCl	8260	Emax
4/18/2023	1	250 mL Amber	Ice	8330	Emax
4/18/2023	1	250 mL Poly	Ice	9056	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/18/2023	1	1 Liter Amber	Ice	8081	Emax
4/18/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/18/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/18/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/18/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments: Enough water for only 1 spare amber.

Well Cap and Casing condition

Fair

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW03**

Client: USACE (W912PP19F0001) Date: 4/20/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 48.03

Purging Method: BESST low flow

Monitoring Method: Horiba U-52 Well Depth (ft): 53 Screen Interval (ft): 43 to 53

Purging Date: 4/20/2023 Water Column (ft): 4.97 Midscreen (ft): 48

Sampling Date: 4/20/2023 Recommended Pump Settings: 40 psi, 6 sec on, 50 sec off

Purged dry: No Field Pump Settings: 50 psi, 6 sec on, 25 sec off

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# MW03042023 Time 0950	ID# — Time —	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 (mL/m)	Comments
0910	Start purging						48.03		200	
0915	11.47	8.19	137	4.82	25.3	1.80	48.40			
0920	11.20	8.14	137	4.94	31.8	0.19	48.48			
0925	12.65	8.01	139	5.03	58.5	0.00	48.45			
0930	12.59	7.99	140	5.04	53.2	0.00	48.51			
0935	12.55	7.83	142	5.10	35.4	0.00	48.46			
0940	12.58	7.84	146	5.11	31.5	0.00	48.50			
0945	12.59	7.82	146	5.10	29.9	0.00	48.48	6.5		
0950	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/20/2023	3	40 mL VOA	HCl	8260	Emax
4/20/2023	1	250 mL Amber	Ice	8330	Emax
4/20/2023	1	250 mL Poly	Ice	9056	Emax
4/20/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/20/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/20/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/20/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/20/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/20/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW18D**

Client: USACE (W912PP19F0001) Date: 4/26/2023

Project # Eco-18-1237 Sampling Personnel: OA, VA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 45.58

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 59.9 Screen Interval (ft): 47 to 57

Purging Date: 4/26/2023 Water Column (ft): 14.32 Midscreen (ft): 52

Sampling Date: 4/26/2023 Recommended Pump Settings: 30 psi, 40 off, 5 on

Purged Dry: No Field Pump Settings: 30 psi, 40 off, 5 on

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# MW18D042023 Time 1320	ID# — Time —	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 (mL/m)	Comments
1245	Start purging						45.58		140	
1250	18.57	7.63	-85	3.86	0.0	4.13	45.83			
1255	18.60	7.79	-105	5.41	0.0	6.79	45.93			
1300	18.92	7.51	-135	7.54	20.9	6.17	46.17			
1305	19.07	7.29	-116	8.20	349	7.50	46.22			
1310	19.32	7.24	-109	8.31	54.6	7.21	46.45			
1315	19.48	7.21	-100	8.32	54.5	5.69	46.57			
1316	Finished purging							2		
1320	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/26/2023	3	40 mL VOA	HCl	8260	Emax
4/26/2023	1	250 mL Amber	Ice	8330	Emax
4/26/2023	1	250 mL Poly	Ice	9056	Emax
4/26/2023	1	120 mL Poly	Ice	6850/6860	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/26/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/26/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: MW20

Client: USACE (W912PP19F0001) Date: 4/26/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 47.34

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 59.4 Screen Interval (ft): 47 to 57

Purging Date: 4/26/2023 Water Column (ft): 12.06 Midscreen (ft): 52

Sampling Date: 4/26/2023 Recommended Pump Settings: 40 psi, 6 on, 54 off

Purged Dry: No Field Pump Settings: 25 psi, 6 on, 35 off

Color of water: Clear			Odor: None		
Original Sample			**Duplicate Sample**		**MS/ MSD**
ID# MW20042023	Time	1220	ID# —	Time —	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 (mL/m)	Comments
1145	Start purging						47.34		200	
1150	16.35	7.73	17	12.8	17.7	1.39	47.77			
1155	16.31	7.72	69	15.6	7.5	0.00	47.78			
1200	16.06	7.76	104	15.7	8.4	0.00	47.80			
1205	15.93	7.75	124	15.8	7.1	0.00	47.87			
1210	15.93	7.79	136	15.5	7.5	0.00	47.92			
1215	16.02	7.80	150	15.3	7.4	0.00	47.84	6		
1220	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/26/2023	3	40 mL VOA	HCl	8260	Emax
4/26/2023	1	250 mL Amber	Ice	8330	Emax
4/26/2023	1	250 mL Poly	Ice	9056	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/26/2023	1	1 Liter Amber	Ice	8270	Emax
4/26/2023	1	1 Liter Amber	Ice	8081	Emax
4/26/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/26/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/26/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge water: Evaporation Cistern

Well Cap and Casing condition

Good

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW22D**

Client: USACE (W912PP19F0001) Date: 4/27/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 44.50

Purging Method: BESST Low Flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 58.6 Screen Interval (ft): 48 to 58

Purging Date: 4/27/2023 Water Column (ft): 14.10 Midscreen (ft): 53

Sampling Date: 4/27/2023 Recommended Pump Settings: 30 psi, 4 on, 21 off

Purged Dry: No Field Pump Settings: 40 psi, 7 on, 45 off

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# MW22D042023 Time 1100	ID# — Time —	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 (mL/m)	Comments
1025	Start purging						44.50		200	
1030	15.25	7.93	70	8.31	9.2	3.14	44.69			
1035	15.13	7.90	72	7.03	7.4	0.00	44.72			
1040	15.05	7.86	74	5.99	6.7	0.00	44.71			
1045	15.08	7.85	74	5.62	6.6	0.00	44.72			
1050	15.01	7.85	73	5.40	6.4	0.00	44.71			
1055	14.96	7.83	73	5.25	6.5	0.00	44.70	6		
1100	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/27/2023	3	40 mL VOA	HCl	8260	Emax
4/27/2023	1	250 mL Amber	Ice	8330	Emax
4/27/2023	1	250 mL Poly	Ice	9056	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/27/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/27/2023	1	1 Liter Amber	Ice	8270	Emax
4/27/2023	1	1 Liter Amber	Ice	8081	Emax
4/27/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/27/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/27/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Good

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW23**

Client: USACE (W912PP19F0001) Date: 4/23/2023

Project # Eco-18-1237 Sampling Personnel: WM, GN

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 11.77

Purging Method: Grundfos / Submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 137 Screen Interval (ft): 63.5 to 133.5

Purging Date: 4/23/2023 Water Column (ft): 122.43 Midscreen (ft): 98.5

Sampling Date: 4/24/2023 Recommended Pump Settings: 180 Hz

Purged Dry: Yes Field Pump Settings: 180 - 280 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# MW23042023 Time 0830	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1030	Start purging						11.77			180 Hz
1035	15.96	9.00	-121	2.02	153	6.65	27.50		1	
1040	14.82	8.66	-75	1.92	36.0	4.40	47.55			200 Hz
1045	14.52	8.67	-174	1.92	25.6	0.00	59.85			
1050	14.49	8.70	-162	1.93	11.9	7.87	68.33			240 Hz
1055	14.56	8.70	-156	1.93	22.4	0.00	78.30			
1100	14.61	8.05	-157	1.92	33.8	0.00	85.70			260 Hz
1105	14.74	8.55	-185	1.93	109	0.00	100.80			
1110	14.94	8.58	-185	1.94	61.0	0.00	114.95			280 Hz
1115	15.19	8.78	-182	1.94	195	6.20	125.30			
1120	Purged dry							50		
4/24/2023										
0830	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	1	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Good

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW24**

Client: USACE (W912PP19F0001) Date: 4/18/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 19.98

Purging Method: Bennet high flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 66.5 Screen Interval (ft): 16 to 66

Purging Date: 4/18/2023 Water Column (ft): 46.52 Midscreen (ft): 41

Sampling Date: 4/18/2023 Recommended Pump Settings: 45 - 75 psi

Purged Dry: No Field Pump Settings: 45 - 75 psi

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	MW24042023	Time	0900	ID#	—	Time	—	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 (mL/min)	Comments
0820	Start purging						19.98		200	
0825	12.11	7.56	-137	1.24	36.9	4.29	21.04			
0830	12.47	7.67	-158	1.25	15.2	1.00	20.90			
0835	12.44	7.66	-155	1.25	15.3	0.76	20.95			
0840	12.45	7.67	-156	1.25	12.6	0.78	20.97			
0845	12.38	7.69	-156	1.24	11.7	0.74	20.97			
0850	12.39	7.67	-155	1.25	12.1	0.69	20.98			
0855	12.39	7.69	-157	1.25	11.6	0.72	20.98	8		
0900	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/18/2023	3	40 mL VOA	HCl	8260	Emax
4/18/2023	1	250 mL Amber	Ice	8330	Emax
4/18/2023	1	250 mL Poly	Ice	9056	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/18/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/18/2023	1	1 Liter Amber	Ice	8270	Emax
4/18/2023	1	1 Liter Amber	Ice	8081	Emax
4/18/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW25**

Client: USACE (W912PP19F0001) Date: 4/21/2023

Project # Eco-18-1237 Sampling Personnel: WM, OA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 41.90

Purging Method: Grundfos / submersible pump

Monitoring Method: Horiba U-52 Well Depth (ft): 66.5 Screen Interval (ft): 45.5 to 65.5

Purging Date: 4/21/2023 Water Column (ft): 24.60 Midscreen (ft): 55.5

Sampling Date: 4/21/2023 Recommended Pump Settings: 170 - 180 Hz

Purged Dry: No Field Pump Settings: 170 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	MW25042023	Time	1320	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1240	Start purging						41.90		1	
1245	13.93	6.44	76	6.07	806	1.65	43.15			
1250	14.78	6.69	123	5.83	380	6.90	43.16			
1255	14.72	6.77	130	5.80	198	0.54	43.18			
1300	14.77	6.81	133	5.77	108	6.01	43.20			
1305	15.14	6.85	136	5.75	55.6	2.45	43.21			
1310	14.74	6.89	138	5.78	37.0	0.73	43.23			
1315	14.71	6.88	139	5.81	24.5	1.81	43.23			
1320	Collect sample							35		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/21/2023	1	1 Liter Amber	Ice	8270	Emax
4/21/2023	1	1 Liter Amber	Ice	8081	Emax
4/21/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/21/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/21/2023	1	1 Liter Amber	Ice	8082	Emax
4/21/2023	1	500 mL Amber	Ice	8151	Emax
4/21/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW26**

Client: USACE (W912PP19F0001) Date: 4/23/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 37.80

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 64 Screen Interval (ft): 40 to 60

Purging Date: 4/23/2023 Water Column (ft): 26.20 Midscreen (ft): 50

Sampling Date: 4/24/2023 Recommended Pump Settings: 150-280 Hz

Purged Dry: Yes Field Pump Settings: 160-180 Hz

Initial DO Reading:

Color of water: Clear to brown Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	MW26042023	Time	0755	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0933	Start purging						37.80		0.5	
0938	13.96	8.29	115	5.12	501	1.32	47.11			160 Hz @ 0941
0943	14.05	8.15	59	4.89	216	0.00	49.00			
0948	14.22	8.11	51	4.95	182	1.41	52.27			170 Hz @ 0950
0953	14.11	8.06	22	4.94	220	2.99	54.58			
0958	14.34	8.02	10	4.81	>1000	6.60	58.03			180 Hz
1001	Purged dry							14		
4/24/2023										
0755	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	1	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8082	Emax
4/24/2023	1	500 mL Amber	Ice	8151	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW27**

Client: USACE (W912PP19F0001) Date: 4/23/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 50.93

Purging Method: Grundfos / submersible pump

Monitoring Method: Horiba U-52 Well Depth (ft): 66 Screen Interval (ft): 43 to 63

Purging Date: 4/23/2023 Water Column (ft): 15.07 Midscreen (ft): 53

Sampling Date: 4/24/2023 Recommended Pump Settings: 170 - Maximum Hz

Purged Dry: Yes Field Pump Settings: 170 - Maximum Hz

Initial DO Reading:

Color of water: Clear to brown | Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# MW27042023	Time 1220	ID# —	Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1237	Start purging						50.93		0.67	170 Hz
1238	17.24	7.72	101	4.68	443	3.09	53.55			
1241	17.00	7.81	101	4.52	248	6.58	54.98			
1244	16.98	7.88	98	4.44	179	3.56	56.58			
1247	17.12	7.89	97	4.36	151	5.45	57.15			180 Hz
1250	16.74	7.84	98	4.42	126	3.21	59.85			190 Hz
1252	Purged dry							10		Maximum Hz
4/24/2023										
1220	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	2	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8082	Emax
4/24/2023	1	500 mL Amber	Ice	8151	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge water: Evaporation Pit

Comments: Split anions sample collected and sent to Eurofins lab.

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW28**

Client: USACE (W912PP19F0001) Date: 4/17/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 49.20

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 64 Screen Interval (ft): 40 to 60

Purging Date: 4/17/2023 Water Column (ft): 14.49 Midscreen (ft): 50

Sampling Date: 4/18/2023 Recommended Pump Settings: 170 - 200 Hz

Purged Dry: Yes Field Pump Settings: 170 - 175 Hz, Maximum Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	MW28042023	Time	1110	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1600	Start purging						49.20		0.8	170 Hz
1603	17.70	7.81	76	4.27	195	4.26	56.22			175 Hz
1606	17.11	7.87	68	4.39	708	1.49	60.20			
1607	Purged dry							5.5		Maximum Hz
4/18/2023										
1110	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/18/2023	3	40 mL VOA	HCl	8260	Emax
4/18/2023	1	250 mL Amber	Ice	8330	Emax
4/18/2023	1	250 mL Poly	Ice	9056	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/18/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/18/2023	1	1 Liter Amber	Ice	8270	Emax
4/18/2023	1	1 Liter Amber	Ice	8081	Emax
4/18/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/18/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/18/2023	1	1 Liter Amber	Ice	8082	Emax
4/18/2023	1	500 mL Amber	Ice	8151	Emax
4/18/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW29**

Client: USACE (W912PP19F0001) Date: 4/20/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 44.75

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 60 Screen Interval (ft): 37 to 57

Purging Date: 4/20/2023 Water Column (ft): 15.25 Midscreen (ft): 47

Sampling Date: 4/21/2023 Recommended Pump Settings: 170 Hz

Purged Dry: Yes Field Pump Settings: 170 - 200 Hz

Initial DO Reading:

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# MW29042023 Time 0720	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0833	Start purging						44.75		0.55	170 Hz
0835	11.86	7.23	142	4.22	116	5.08	52.29			
0838	14.01	7.72	138	4.12	354	3.52	54.68			
0841	13.27	8.06	132	4.03	620	5.65	56.21			200 Hz
0842	Purged dry							6		
4/21/2023										
0720	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/21/2023	1	1 Liter Amber	Ice	8270	Emax
4/21/2023	1	1 Liter Amber	Ice	8081	Emax
4/21/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/21/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/21/2023	1	1 Liter Amber	Ice	8082	Emax
4/21/2023	1	500 mL Amber	Ice	8151	Emax
4/21/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW30**

Client: USACE (W912PP19F0001) Date: 4/25/2023

Project # Eco-18-1237 Sampling Personnel: WM, GN, RS

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 46.78

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 63 Screen Interval (ft): 40 to 60

Purging Date: 4/25/2023 Water Column (ft): 16.22 Midscreen (ft): 50

Sampling Date: 4/26/2023 Recommended Pump Settings: 180-Maximum Hz

Purged Dry: Yes Field Pump Settings: 170 Hz

Initial DO Reading:

Color of water: Murky Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	MW30042023	Time	0715	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1455	Start purging						46.78		0.5	
1458	15.68	8.89	38	3.81	340	6.61	50.73			
1501	15.79	8.71	57	3.92	401	6.48	55.91			
1504	15.90	8.61	70	3.95	636	6.15	57.90			
1506	Purged dry							5.5		
4/26/2023										
0715	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/26/2023	3	40 mL VOA	HCl	8260	Emax
4/26/2023	1	250 mL Amber	Ice	8330	Emax
4/26/2023	1	250 mL Poly	Ice	9056	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/26/2023	1	1 Liter Amber	Ice	8270	Emax
4/26/2023	1	1 Liter Amber	Ice	8081	Emax
4/26/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/26/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/26/2023	1	1 Liter Amber	Ice	8082	Emax
4/26/2023	1	500 mL Amber	Ice	8151	Emax
4/26/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW31**

Client: USACE (W912PP19F0001) Date: 4/25/2023

Project # Eco-18-1237 Sampling Personnel: WM, GN, RS

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 43.73

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 59 Screen Interval (ft): 23 to 53

Purging Date: 4/25/2023 Water Column (ft): 15.27 Midscreen (ft): 38

Sampling Date: 4/25/2023 Recommended Pump Settings: 160-170 Hz

Purged Dry: Yes Field Pump Settings: 160-170 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	MW31042023	Time	0755	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1520	Start purging						43.73		0.5	
1523	15.19	8.27	84	8.15	140	6.26	46.40			
1526	15.58	8.11	77	7.31	105	0.87	48.40			
1529	15.73	8.05	75	7.34	83.6	7.85	53.92			
1531	Purged dry							5.5		
4/26/2023										
0755	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/26/2023	3	40 mL VOA	HCl	8260	Emax
4/26/2023	1	250 mL Amber	Ice	8330	Emax
4/26/2023	1	250 mL Poly	Ice	9056	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/26/2023	1	1 Liter Amber	Ice	8270	Emax
4/26/2023	1	1 Liter Amber	Ice	8081	Emax
4/26/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/26/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/26/2023	1	1 Liter Amber	Ice	8082	Emax
4/26/2023	1	500 mL Amber	Ice	8151	Emax
4/26/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: MW32

Client: USACE (W912PP19F0001) Date: 4/16/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 46.90

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 63 Screen Interval (ft): 40 to 60

Purging Date: 4/16/2023 Water Column (ft): 16.10 Midscreen (ft): 50

Sampling Date: 4/17/2023 Recommended Pump Settings: 170 - 240 Hz

Purged Dry: Yes Field Pump Settings: 160 - 200 Hz, Maximum Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID#	MW32042023 Time 0745	ID#	— Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0955	Start purging						46.90		0.25	160 Hz
1000	14.52	7.38	58	6.19	320	1.08	49.81			
1005	16.02	7.40	69	6.03	682	3.62	51.82	2.5	0.75	175 Hz
1010	15.99	7.14	78	5.97	516	5.28	54.95			
1015	15.84	7.11	87	6.01	229	6.06	56.96	10	1.25	200 Hz
1019	Purged dry							15		Max Hz @ 1017
4/17/2023										
0745	Collect sample									
4/19/2023										
1505	Start purging						47.00		1.4	160 Hz
1506	15.61	8.42	119	5.96	363	4.42	49.51			185 Hz
1510	Purged dry							7		205 Hz
4/20/2023										
0720	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/17/2023	3	40 mL VOA	HCl	8260	Emax
4/17/2023	1	250 mL Amber	Ice	8330	Emax
4/17/2023	1	250 mL Poly	Ice	9056	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/17/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/17/2023	1	1 Liter Amber	Ice	8270	Emax
4/17/2023	1	1 Liter Amber	Ice	8081	Emax
4/17/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/17/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/17/2023	1	1 Liter Amber	Ice	8082	Emax
4/17/2023	1	500 mL Amber	Ice	8151	Emax
4/17/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments: Well repurged/resampled for anions on 4/19 and 4/20.

Well Cap and Casing condition

Fair

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW33**

Client: USACE (W912PP19F0001) Date: 4/23/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 44.47

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 60 Screen Interval (ft): 37 to 57

Purging Date: 4/23/2023 Water Column (ft): 15.53 Midscreen (ft): 47

Sampling Date: 4/24/2023 Recommended Pump Settings: 160 Hz - Maximum Hz

Purged Dry: Yes Field Pump Settings: 160 - Maximum Hz

Initial DO Reading:

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# MW33042023 Time 0715	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0825	Start purging						44.47		0.43	160 Hz
0826	12.31	8.29	66	3.13	805	4.31	53.15			
0829	13.10	8.32	68	3.02	566	5.52	56.30			
0831	13.78	8.38	73	3.05	697	3.54	57.90			Maximum Hz
0832	Purged dry							3		
4/24/2023										
0715	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	1	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8082	Emax
4/24/2023	1	500 mL Amber	Ice	8151	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW34**

Client: USACE (W912PP19F0001) Date: 4/23/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 43.56

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 64 Screen Interval (ft): 40 to 60

Purging Date: 4/23/2023 Water Column (ft): 20.44 Midscreen (ft): 50

Sampling Date: 4/24/2023 Recommended Pump Settings: 150 - 200 Hz

Purged Dry: Yes Field Pump Settings: 160 -180 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	MW34042023	Time	0725	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0852	Start purging						43.56		0.65	160 Hz
0857	13.04	8.18	121	5.97	245	6.47	48.25			
0902	13.64	8.16	116	6.14	306	0.79	51.02			
0907	13.75	8.17	108	6.41	278	7.14	57.04			
0909	Purged dry							11		180 Hz
4/24/2023										
0725	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	1	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8082	Emax
4/24/2023	1	500 mL Amber	Ice	8151	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW35**

Client: USACE (W912PP19F0001) Date: 4/24/2023

Project # Eco-18-1237 Sampling Personnel: OA, VA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 35.00

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 63.5 Screen Interval (ft): 41 to 61

Purging Date: 4/24/2023 Water Column (ft): 28.50 Midscreen (ft): 51

Sampling Date: 4/24/2023 Recommended Pump Settings: 170 - 190 Hz

Purged Dry: No Field Pump Settings: 170 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	MW35042023	Time	1325	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1230	Start purging						35.00		1	
1235	14.64	6.57	142	3.73	446	0.91	44.20			
1240	14.29	7.01	104	3.55	298	2.00	46.00			
1245	14.10	7.18	91	3.52	341	1.20	47.00			
1250	13.96	7.28	84	3.49	297	0.65	47.40			
1255	13.80	7.31	82	3.48	240	0.74	47.80			
1300	13.81	7.42	67	3.47	253	1.29	48.00			
1305	13.97	7.40	71	3.47	198	0.69	48.00			
1310	13.92	7.51	80	3.46	253	0.36	48.10	40		
1325	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	2	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8082	Emax
4/24/2023	1	500 mL Amber	Ice	8151	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments: Split anions sample collected and sent to Eurofins lab.

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW36S**

Client: USACE (W912PP19F0001) Date: 4/23/2023

Project # Eco-18-1237 Sampling Personnel: WM, GN

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 20.82

Purging Method: Grundfos / submersible pump

Monitoring Method: Horiba U-52 Well Depth (ft): 53 Screen Interval (ft): 30 to 50

Purging Date: 4/23/2023 Water Column (ft): 32.18 Midscreen (ft): 40

Sampling Date: 4/24/2023 Recommended Pump Settings: 150 - 250 Hz

Purged Dry: Yes Field Pump Settings: 150 - 165 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# MW36S042023	Time 0755	ID# —	Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0835	Start purging						20.82		0.33	100 Hz
0840	11.89	7.10	8	10.6	141	7.27	30.81			
0845	12.36	7.57	34	10.4	465	0.00	33.25			
0850	13.06	8.10	25	10.0	352	0.46	34.51			
0855	13.33	7.72	42	9.77	212	0.27	35.60			150 Hz
0900	13.50	8.03	43	10.5	319	0.40	42.94			
0905	13.52	7.94	50	9.74	405	0.03	47.32			165 Hz
0910	Purged dry							12		
4/24/2023										
0755	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	1	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8082	Emax
4/24/2023	1	500 mL Amber	Ice	8151	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Good

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW36D**

Client: USACE (W912PP19F0001) Date: 4/23/2023

Project # Eco-18-1237 Sampling Personnel: WM, GN

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 14.91

Purging Method: Grundfos / submersible pump

Monitoring Method: Horiba U-52 Well Depth (ft): 77.5 Screen Interval (ft): 55 to 75

Purging Date: 4/23/2023 Water Column (ft): 62.59 Midscreen (ft): 65

Sampling Date: 4/24/2023 Recommended Pump Settings: 115 - 185 Hz

Purged Dry: Yes Field Pump Settings: 115 - 190 Hz

Initial DO Reading:

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# MW36D042023 Time 0720	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0925	Start purging						14.91		0.4	
0928	13.33	8.60	8	2.66	11.1	3.94	30.05			
0931	13.54	8.74	-17	2.42	9.0	3.32	31.71			125 Hz
0934	13.90	9.10	-40	2.38	9.8	3.50	39.95			135 Hz
0937	13.95	8.62	-33	2.34	9.2	4.78	39.25			
0940	13.75	8.19	-129	2.37	8.8	0.46	44.28			
0943	13.83	8.43	-160	2.38	5.1	0.00	46.81			155 Hz
0946	14.34	8.43	-149	2.33	5.0	0.40	51.75			
0949	Extend tubing									
1000	13.85	8.36	-164	2.41	350	4.08	46.55			165 Hz
1003	13.82	8.61	-181	2.45	277	0.12	68.81			190 Hz
1008	Purged dry							14		
4/24/2023										
0720	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	1	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8082	Emax
4/24/2023	1	500 mL Amber	Ice	8151	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW37**

Client: USACE (W912PP19F0001) Date: 4/24/2023

Project # Eco-18-1237 Sampling Personnel: GN, RS, WM

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 30.00

Purging Method: Grundfos / submersible pump

Monitoring Method: Horiba U-52 Well Depth (ft): 49 Screen Interval (ft): 25 to 45

Purging Date: 4/24/2023 Water Column (ft): 19.00 Midscreen (ft): 35

Sampling Date: 4/25/2023 Recommended Pump Settings: 150 - 170 Hz

Purged Dry: Yes Field Pump Settings: 160 - 165 Hz

Initial DO Reading:

Color of water: Cloudy Odor: Slight

Original Sample				Duplicate Sample				MS/ MSD
ID#	MW37042023	Time	0830	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1445	Start purging						30.00		1	160 Hz
1450	15.65	5.65	59	2.29	933	6.80	38.97			150 Hz
1455	15.27	5.64	58	2.75	593	6.04	39.91			165 Hz
1500	14.12	5.64	59	2.57	>1000	6.36	43.45			
1503	Purged dry							17		
4/25/2023										
0830	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/25/2023	3	40 mL VOA	HCl	8260	Emax
4/25/2023	1	250 mL Amber	Ice	8330	Emax
4/25/2023	1	250 mL Poly	Ice	9056	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/25/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/25/2023	1	1 Liter Amber	Ice	8270	Emax
4/25/2023	1	1 Liter Amber	Ice	8081	Emax
4/25/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/25/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/25/2023	1	1 Liter Amber	Ice	8082	Emax
4/25/2023	1	500 mL Amber	Ice	8151	Emax
4/25/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **MW38**

Client: USACE (W912PP19F0001) Date: 4/26/2023

Project # Eco-18-1237 Sampling Personnel: GN, RS, WM

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 34.37

Purging Method: Grundfos / submersible pump

Monitoring Method: Horiba U-52 Well Depth (ft): 53.5 Screen Interval (ft): 30 to 50

Purging Date: 4/26/2023 Water Column (ft): 19.13 Midscreen (ft): 40

Sampling Date: 4/27/2023 Recommended Pump Settings: 155 Hz -190 Hz

Purged Dry: Yes Field Pump Settings: 160 Hz

Initial DO Reading:

Color of water: Murky Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	MW38042023	Time	0750	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1325	Start purging						34.43		0.77	160 Hz
1328	16.08	8.39	37	3.37	310	0.00	39.00			
1331	15.05	8.46	39	3.24	349	0.03	40.31			
1334	14.91	8.45	42	3.24	341	0.10	40.95			180 Hz
1337	14.66	8.38	53	3.25	238	4.97	44.67			
1338	Purged dry							10		
4/27/2023										
0750	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/27/2023	3	40 mL VOA	HCl	8260	Emax
4/27/2023	1	250 mL Amber	Ice	8330	Emax
4/27/2023	1	250 mL Poly	Ice	9056	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/27/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/27/2023	1	1 Liter Amber	Ice	8270	Emax
4/27/2023	1	1 Liter Amber	Ice	8081	Emax
4/27/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/27/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/27/2023	1	1 Liter Amber	Ice	8082	Emax
4/27/2023	1	500 mL Amber	Ice	8151	Emax
4/27/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Good

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

		Well ID:	**MW39**
Client: USACE (W912PP19F0001)		Date:	4/26/2023
Project # Eco-18-1237	Sampling Personnel: GN, RS, WM		
Location: Wingate Army Depot	Casing Diameter: 2"	Initial Depth-to-Water (ft): 38.05	
Purging Method: Grundfos / submersible pump			
Monitoring Method: Horiba U-52	Well Depth (ft): 54	Screen Interval (ft):	30 to 50
Purging Date: 4/26/2023	Water Column (ft): 15.95	Midscreen (ft):	40
Sampling Date: 4/27/2023	Recommended Pump Settings: 150 - 200 Hz		
Purged Dry: Yes	Field Pump Settings: 150 Hz		
Initial DO Reading:			

Color of water: Murky	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# MW39042023 Time 0715	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1250	Start purging						38.05		0.55	
1253	14.14	8.82	4	6.45	345	4.35	40.81			
1256	13.94	8.85	0	5.86	334	3.64	44.21			
1259	13.81	8.87	7	5.76	340	0.73	dry	5		
1259	Purged dry									
4/27/2023										
0715	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/27/2023	3	40 mL VOA	HCl	8260	Emax
4/27/2023	1	250 mL Amber	Ice	8330	Emax
4/27/2023	1	250 mL Poly	Ice	9056	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/27/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/27/2023	1	1 Liter Amber	Ice	8270	Emax
4/27/2023	1	1 Liter Amber	Ice	8081	Emax
4/27/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/27/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/27/2023	1	1 Liter Amber	Ice	8082	Emax
4/27/2023	1	500 mL Amber	Ice	8151	Emax
4/27/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern	**Well Cap and Casing condition**
Comments:	Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **FW31**

Client: USACE (W912PP19F0001) Date: 4/25/2023

Project # Eco-18-1237 Sampling Personnel: GN, RS, WM

Location: Wingate Army Depot Casing Diameter: 4" Initial Depth-to-Water (ft): 43.70

Purging Method: Hand bail

Monitoring Equipment: Horiba U-52 Well Depth (ft): 52 Screen Interval (ft): 10 to 50

Purging Date: 4/25/2023 Water Column (ft): 8.30 Midscreen (ft): 30

Sampling Date: 4/26/2023 Recommended Pump settings: NA

Purged dry: Yes Field Pump Settings: NA

Initial DO Reading:

Color of water: Clear				Odor: None				MS/ MSD
Original Sample				**Duplicate Sample**				
ID#	FW31042023	Time	0900	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1535	Start purging						43.70		0.25	
1540	13.36	7.90	98	2.46	4.6	4.61	44.60			
1545	12.67	7.64	129	2.40	18.6	7.14	45.20			
1550	12.60	7.62	139	2.40	15.7	4.71	46.27			
1555	12.49	7.61	141	2.39	20.4	5.35	47.07			
1600	12.56	7.59	142	2.38	26.7	7.78	47.90			
1605	12.55	7.59	143	2.40	26.1	7.71	48.90			
1605	Purged dry							7.5		
4/26/2023										
0900	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/26/2023	3	40 mL VOA	HCl	8260	Emax
4/26/2023	1	250 mL Amber	Ice	8330	Emax
4/26/2023	1	250 mL Poly	Ice	9056	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	1	1 Liter Amber	Ice	8270	Emax
4/26/2023	1	1 Liter Amber	Ice	8081	Emax
4/26/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

		Well ID:	**SMW01**
Client:	USACE (W912PP19F0001)	Date:	4/19/2023
Project #	Eco-18-1237	Sampling Personnel: EO, CH	
Location: Wingate Army Depot		Casing Diameter: 2"	Initial Depth-to-Water (ft): 33.88
Purging Method: BESST low flow			
Monitoring Method: Horiba U-52		Well Depth (ft): 50.2	Screen Interval (ft): 29.9 to 49.9
Purging Date:	4/19/2023	Water Column (ft): 16.32	Midscreen (ft): 39.9
Sampling Date:	4/19/2023	Recommended Pump Settings: 40 psi, 6 sec on, 54 sec off	
Purged Dry:	No	Field Pump Settings: 40 psi, 6 sec on, 54 sec off	

Color of water: Light yellow	Odor: Slight odor	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# SMW01042023 Time 0900	ID# SMW01042023D Time 0905	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 (mL/m)	Comments
0825	Start purging						33.88		150	
0830	10.67	8.80	3	4.91	26.6	2.24	34.30			
0835	11.21	8.78	-14	4.76	21.0	0.68	34.38			
0840	11.36	8.78	42	4.75	20.1	1.70	34.36			
0845	11.45	8.79	73	4.72	16.0	1.70	34.40			
0850	11.47	8.79	76	4.72	12.4	1.54	34.36			
0855	11.50	8.80	70	4.71	13.4	1.63	34.38	4.5		
0900	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/19/2023	6	40 mL VOA	HCl	8260	Emax
4/19/2023	2	250 mL Amber	Ice	8330	Emax
4/19/2023	2	250 mL Poly	Ice	9056	Emax
4/19/2023	2	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/19/2023	2	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/19/2023	2	60 mL Poly	Ice	6850 / 6860	Emax
4/19/2023	2	1 Liter Amber	Ice	8270	Emax
4/19/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern	**Well Cap and Casing condition**
Comments:	Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW01**

Client: USACE (W912PP19F0001) Date: 4/20/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 45.23

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 60 Screen Interval (ft): 44 to 59

Purging Date: 4/20/2023 Water Column (ft): 14.77 Midscreen (ft): 51.5

Sampling Date: 4/20/2023 Recommended Pump Settings: 40 psi, 7 sec on, 30 sec off

Purged Dry: No Field Pump Settings: 40 psi, 7 sec on, 30 sec off

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW01042023	Time 0820	ID# —	Time —	Yes

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 (mL/m)	Comments
0740	Start purging						45.23		100	
0745	10.04	7.54	74	3.21	28.6	0.02	45.31			
0750	10.53	7.67	138	3.21	18.4	0.00	45.32			
0755	11.05	7.76	159	3.18	13.1	0.00	45.30			
0800	11.09	7.77	165	3.19	13.2	0.00	45.33			
0805	11.18	7.84	170	3.17	13.0	0.00	45.32			
0810	11.31	7.92	178	3.14	13.5	0.00	45.33			
0815	11.28	7.93	176	3.14	14.3	0.00	45.30	3.5		
0820	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/20/2023	9	40 mL VOA	HCl	8260	Emax
4/20/2023	3	250 mL Amber	Ice	8330	Emax
4/20/2023	3	250 mL Poly	Ice	9056	Emax
4/20/2023	3	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/20/2023	3	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/20/2023	3	60 mL Poly	Ice	6850 / 6860	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW02**

Client: USACE (W912PP19F0001) Date: 4/21/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 57.53

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 85 Screen Interval (ft): 67.9 to 81.9

Purging Date: 4/21/2023 Water Column (ft): 27.47 Midscreen (ft): 74.9

Sampling Date: 4/21/2023 Recommended Pump Settings: 40 psi, 5 sec on, 45 sec off

Purged Dry: No Field Pump Settings: 40 psi, 5 sec on, 45 sec off

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	TMW02042023	Time	0940	ID#	TMW02042023D	Time	0945	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 (mL/m)	Comments
0900	Start purging						57.53		150	
0905	10.48	8.59	176	4.86	13.7	0.00	57.58			
0910	11.22	8.44	180	4.96	14.2	0.00	57.55			
0915	11.69	8.43	181	4.95	10.5	0.00	57.56			
0920	11.86	8.44	184	4.94	10.7	0.00	57.58			
0925	12.09	8.44	184	4.94	10.3	0.00	57.54			
0930	12.11	8.44	186	4.95	11.0	0.00	57.54			
0935	12.12	8.44	187	4.95	11.2	0.00	57.54	5.3		
0940	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	6	40 mL VOA	HCl	8260	Emax
4/21/2023	2	250 mL Amber	Ice	8330	Emax
4/21/2023	2	250 mL Poly	Ice	9056	Emax
4/21/2023	2	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	2	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	2	60 mL Poly	Ice	6850 / 6860	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments: Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW03**

Client: USACE (W912PP19F0001) Date: 4/24/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 58.65

Purging Method: BESST Low Flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 70.1 Screen Interval (ft): 49.8 to 69.8

Purging Date: 4/24/2023 Water Column (ft): 11.45 Midscreen (ft): 59.8

Sampling Date: 4/24/2023 Recommended Pump Settings: 30 psi, 8 sec on, 25 sec off

Purged Dry: No Field Pump Settings: 50 psi, 7 sec on, 25 sec off

Color of water: Clear				Odor: None				MS/ MSD
Original Sample				**Duplicate Sample**				
ID#	TMW03042023	Time	1315	ID#	TMW03042023D	Time	1320	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 (mL/m)	Comments
1237	Start purging						58.65		200	
1242	15.76	8.40	58	4.54	12.5	7.77	58.75			
1247	14.97	8.36	81	4.50	7.8	6.01	58.85			
1252	14.99	8.33	89	4.48	7.4	5.88	58.85			
1257	14.22	8.32	98	4.53	7.2	7.17	58.85			
1302	14.19	8.34	105	4.55	7.4	0.00	58.85			
1307	14.18	8.30	102	4.56	7.1	0.00	58.85	6		
1315	Collect sample									
1320	Collect duplicate sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	6	40 mL VOA	HCl	8260	Emax
4/24/2023	2	250 mL Amber	Ice	8330	Emax
4/24/2023	2	250 mL Poly	Ice	9056	Emax
4/24/2023	2	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	2	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	2	60 mL Poly	Ice	6850 / 6860	Emax
4/24/2023	2	1 Liter Amber	Ice	8270	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments: Fixed air line fitting.

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW04**

Client: USACE (W912PP19F0001) Date: 4/21/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 57.41

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 70.5 Screen Interval (ft): 50 to 70

Purging Date: 4/21/2023 Water Column (ft): 13.09 Midscreen (ft): 60

Sampling Date: 4/21/2023 Recommended Pump Settings: 35 psi, 8 sec on, 22 sec off

Purged Dry: No Field Pump Settings: 35 psi, 8 sec on, 22 sec off

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW04042023	Time 0830	ID# —	Time —	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 (mL/m)	Comments
0745	Start purging						57.41		100	
0750	9.34	7.90	110	4.17	51.3	4.70	58.06			
0755	10.21	8.22	129	4.14	118	0.85	58.19			
0800	10.88	8.23	141	4.12	125	1.65	58.24			
0805	10.96	8.25	151	4.12	65.5	0.00	58.26			
0810	11.20	8.27	156	4.11	37.0	0.20	58.28			
0815	11.23	8.28	158	4.11	24.3	0.00	58.26			
0820	11.24	8.27	159	4.12	20.4	0.00	58.28	3.5		
0830	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/21/2023	1	1 Liter Amber	Ice	8270	Emax
4/21/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Fair

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW06**

Client: USACE (W912PP19F0001) Date: 4/26/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 48.69

Purging Method: BESST Low Flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 57 Screen Interval (ft): 45 to 55

Purging Date: 4/26/2023 Water Column (ft): 8.31 Midscreen (ft): 50

Sampling Date: 4/26/2023 Recommended Pump Settings: 27-35 psi, 7 sec on, 23 sec off

Purged Dry: No Field Pump Settings: 20-40 psi, 6 sec on, 35 sec off, Controller #2

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	TMW06042023	Time	0920	ID#	—	Time	—	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 (mL/m)	Comments
0845	Start purging						48.69		200	
0850	12.71	8.20	132	3.70	24.7	6.60	49.07			
0855	12.48	8.23	136	3.92	13.2	0.00	49.16			
0900	12.35	8.13	140	3.61	12.9	3.68	49.25			20 psi, 4 sec on
0905	12.37	8.15	142	3.92	8.8	0.00	49.24			
0910	12.27	8.11	142	3.93	9.1	0.00	49.25			
0915	12.37	8.15	144	3.93	9.0	0.00	49.25	6		
0920	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases,	Analytical Method	Laboratory
4/26/2023	3	40 mL VOA	HCl	8260	Emax
4/26/2023	1	250 mL Amber	Ice	8330	Emax
4/26/2023	1	250 mL Poly	Ice	9056	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	1	1 Liter Amber	Ice	8270	Emax
4/26/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/26/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/26/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Fair

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW07**

Client: USACE (W912PP19F0001) Date: 4/20/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 46.45

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 67.5 Screen Interval (ft): 57 to 67

Purging Date: 4/20/2023 Water Column (ft): 21.05 Midscreen (ft): 62

Sampling Date: 4/21/2023 Recommended Pump Settings: 190 Hz - 220 Hz

Purged Dry: Yes Field Pump Settings: 155 - 175 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	TMW07042023	Time	0810	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0918	Start purging						46.45		0.27	155 Hz
0919	11.11	8.40	-54	5.18	43.6	3.60	49.85			
0922	11.51	8.65	-79	5.25	53.7	1.07	51.91			
0925	13.33	8.41	-39	4.91	32.6	2.83	54.65			175 Hz
0928	14.25	8.35	-14	5.33	19.5	0.43	58.21			
0931	Purged dry							3.5		
4/21/2023										
0810	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	1 Liter Amber	Ice	8270	Emax
4/21/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/21/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/21/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Good

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: TMW08

Client: USACE (W912PP19F0001) Date: 4/19/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 38.68

Purging Method: BESST low flow

Monitoring Method: Horiba U-52 Well Depth (ft): 62 Screen Interval (ft): 30 to 60

Purging Date: 4/19/2023 Water Column (ft): 23.32 Midscreen (ft): 45

Sampling Date: 4/19/2023 Recommended Pump Settings: 40 psi, 6 sec on, 30 sec off

Purged Dry: No Field Pump Settings: 40 psi, 6 sec on, 30 sec off

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	TMW08042023	Time	1300	ID#	—	Time	—	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 (mL/m)	Comments
1220	Start purging						38.68		100	
1225	14.84	8.49	-143	17.7	56.8	4.87	38.76			
1230	14.96	8.38	-41	19.1	34.3	4.55	38.74			
1235	15.16	8.10	28	19.1	24.4	1.84	38.78			
1240	15.09	8.06	66	19.1	19.2	1.66	38.73			
1245	15.23	8.06	71	18.9	24.1	1.48	38.76			
1250	15.17	8.08	70	18.8	24.8	1.53	38.74	3		
1300	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/19/2023	3	40 mL VOA	HCl	8260	Emax
4/19/2023	1	250 mL Poly	Ice	9056	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/19/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/19/2023	1	1 Liter Amber	Ice	8081	Emax
4/19/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/19/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/19/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW10**

Client: USACE (W912PP19F0001) Date: 4/20/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 40.50

Purging Method: BESST low flow

Monitoring Method: Horiba U-52 Well Depth (ft): 65 Screen Interval (ft): 28 to 58

Purging Date: 4/20/2023 Water Column (ft): 24.50 Midscreen (ft): 43

Sampling Date: 4/20/2023 Recommended Pump Settings: 40 psi, 6 sec on, 40 sec off

Purged Dry: No Field Pump Settings: 40 psi, 3 sec on, 30 sec off, Controller #2

Color of water: Clear Odor: Slight odor

Original Sample				Duplicate Sample				MS/ MSD
ID#	TMW10042023	Time	1105	ID#	TMW10042023D	Time	1110	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 (mL/m)	Comments
1030	Start purging						40.50		200	
1035	12.02	8.25	-41	6.86	12.9	7.60	40.50			
1040	12.33	8.24	-37	6.97	11.0	0.00	40.46			
1045	12.40	8.24	-27	6.90	11.3	0.12	40.46			
1050	12.49	8.21	-2	6.82	11.0	0.00	40.46			
1055	12.69	8.26	65	6.78	10.0	0.00	40.46			
1100	12.70	8.21	71	6.79	10.0	0.00	40.46	6		
1105	Collect sample									
1110	Collect duplicate sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/20/2023	6	40 mL VOA	HCl	8260	Emax
4/20/2023	2	250 mL Amber	Ice	8330	Emax
4/20/2023	2	250 mL Poly	Ice	9056	Emax
4/20/2023	2	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/20/2023	2	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/20/2023	2	60 mL Poly	Ice	6850/6860	Emax
4/20/2023	6	40 mL VOA	HCl	8015B GRO	Emax
4/20/2023	2	1 Liter Amber	Ice	8015B DRO	Emax
4/20/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Fair

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW11**

Client: USACE (W912PP19F0001) Date: 4/18/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 81.21

Purging Method: Hand Bail

Monitoring Equipment: Horiba U-52 Well Depth (ft): 82.9 Screen Interval (ft): 55 to 80

Purging Date: 4/18/2023 Water Column (ft): 1.69 Midscreen (ft): 67.5

Sampling Date: -- Recommended Pump Settings: NA

Purged Dry: Yes Field Pump Settings: NA

Color of water: Brown Odor: Slight

Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW11042023 Time —	ID# — Time —	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
1235	Start purging								1	
1236	14.89	8.22	-232	2.80	>1000	6.03				
1238	Purged dry							3		
4/19/2023										
0732	Well Confirmed Dry						82.8			

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
NA	3	40 mL VOA	HCl	8260	Emax
NA	1	500 mL Amber	Ice	8330	Emax
NA	1	250 mL Poly	Ice	9056	Emax
NA	1	250 mL Poly	HNO3	6010/6020/7470 (Dis)	Emax
NA	1	250 mL Poly	HNO3	6010/6020/7470 (Tot)	Emax
NA	1	60 mL Poly	Ice	6850/6860	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW13**

Client: USACE (W912PP19F0001) Date: 4/26/2023

Project # Eco-18-1237 Sampling Personnel: OA, VA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 62.75

Purging Method: BESST Low Flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 72.5 Screen Interval (ft): 60.7 to 70.7

Purging Date: 4/26/2023 Water Column (ft): 9.75 Midscreen (ft): 65.7

Sampling Date: 4/26/2023 Recommended Pump Settings: 40 psi, 7 sec on, 24 sec off

Purged Dry: No Field Pump Settings: 40 psi, 7 sec on, 24 sec off

Color of water: Clear		Odor: None		
Original Sample		**Duplicate Sample**		**MS/ MSD**
ID# TMW13042023	Time 1105	ID# —	Time —	Yes

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 (mL/m)	Comments
1035	Start Purging						62.75		200	
1040	11.97	7.90	-52	3.26	0.0	7.77	62.79			
1045	12.47	8.03	-38	3.06	0.0	7.61	62.79			
1050	13.05	7.74	-115	2.96	0.0	7.25	62.79			
1055	13.62	7.48	-126	2.81	0.0	6.71	62.79			
1100	13.83	7.41	-126	2.71	0.0	6.43	62.79			
1105	14.11	7.36	-118	2.69	0.0	6.87	62.79	6		
1105	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/26/2023	9	40 mL VOA	HCl	8260	Emax
4/26/2023	3	250 mL Poly	Ice	9056	Emax
4/26/2023	3	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	3	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	3	60 mL Poly	Ice	6850/6860	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW14A**

Client: USACE (W912PP19F0001) Date: 4/21/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 68.45

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 110 Screen Interval (ft): 94.25 to 109.25

Purging Date: 4/21/2023 Water Column (ft): 41.55 Midscreen (ft): 101.75

Sampling Date: 4/21/2023 Recommended Pump Settings: 40 psi, 9 sec on, 55 sec off

Purged Dry: No Field Pump Settings: 50 psi, 7 sec on, 45 sec off

Color of water: Clear			Odor: None		
Original Sample			**Duplicate Sample**		**MS/ MSD**
ID# TMW14A042023	Time	1130	ID# —	Time —	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 (mL/m)	Comments
1040	Start purging						68.45		150	Pause, then restart.
1055	12.82	8.62	-155	2.12	17.8	4.11	—			Unable to measure
1100	13.20	8.87	-77	2.03	17.4	4.92	—			DTW. Opening ZIST
1105	13.26	8.92	20	1.99	13.7	4.95	—			stops water flow.
1110	13.36	8.92	53	1.98	12.4	1.71	—			
1115	13.37	8.95	54	2.00	11.8	0.78	—			
1120	13.38	8.94	56	1.99	11.1	0.00	—			
1125	13.39	8.95	57	1.99	12.0	0.00	—	4.5		
1130	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	1 Liter Amber	Ice	8270	Emax
4/21/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

		Well ID:	**TMW15**
Client: USACE (W912PP19F0001)		Date:	4/26/2023
Project # Eco-18-1237	Sampling Personnel: EO, GP		
Location: Wingate Army Depot	Casing Diameter: 2"	Initial Depth-to-Water (ft): 68.35	
Purging Method: BESST low flow			
Monitoring Equipment: Horiba U-52	Well Depth (ft): 82	Screen Interval (ft): 56 to 71	
Purging Date: 4/26/2023	Water Column (ft): 13.65	Midscreen (ft): 63.5	
Sampling Date: 4/26/2023	Recommended Pump Settings: 40 psi, 6 sec on, 24 sec off		
Purged Dry: No	Field Pump Settings: 50 psi, 6 sec on, 35 sec off, Controller Box #2		

Color of water: Clear				Odor: None				
Original Sample				**Duplicate Sample**				**MS/ MSD**
ID#	TMW15042023	Time	0750	ID#	TMW15042023D	Time	0755	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 (mL/m)	Comments
0715	Start purging						68.35		200	
0720	10.86	7.77	63	2.32	267	2.90	68.35			
0725	10.51	7.77	121	2.34	241	1.12	68.38			
0730	11.60	7.72	128	2.35	211	0.00	68.41			
0735	11.80	7.78	136	2.32	122	0.76	68.41			
0740	11.68	7.73	135	2.32	93.0	0.00	68.42			
0745	12.25	7.71	138	2.30	35.7	0.98	68.45	6		
0750	Collect sample									
0755	Collect duplicate sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/26/2023	6	40 mL VOA	HCl	8260	Emax
4/26/2023	2	250 mL Amber	Ice	8330	Emax
4/26/2023	2	250 mL Poly	Ice	9056	Emax
4/26/2023	2	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	2	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	2	60 mL Poly	Ice	6850/6860	Emax
4/26/2023	2	1 Liter Amber	Ice	8270	Emax
4/26/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern	**Well Cap and Casing condition**
Comments:	Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW16**

Client: USACE (W912PP19F0001) Date: 4/16/2023

Project # Eco-18-1237 Sampling Personnel: WM, EO

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 59.99

Purging Method: Bennet high flow

Monitoring Method: Horiba U-52 Well Depth (ft): 142 Screen Interval (ft): 123 to 138

Purging Date: 4/16/2023 Water Column (ft): 82.01 Midscreen (ft): 130.5

Sampling Date: 4/17/2023 Recommended Pump Settings: 75 psi

Purged Dry: Yes Field Pump Settings: 90 - 170 psi

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW16042023	Time 0750	ID# —	Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0848	Start purging						59.99		0.5	170 psi
0853	10.82	8.47	-41	1.91	52.8	3.62	78.04			90 psi
0858	11.96	8.25	-24	1.90	57.4	2.61	86.35			
0903	11.92	8.23	-7	1.92	44.3	1.81	103.29			
0908	12.72	8.20	-3	1.88	41.5	6.65	116.30			
0913	12.91	8.22	44	1.88	37.1	2.31	122.48			
0918	13.11	8.23	56	1.88	45.3	2.24	127.64			
0923	13.14	8.32	65	1.86	108	2.22	130.88			
0928	13.29	8.47	60	1.90	202	1.02	136.54			
0931	Purged dry							20		
4/17/2023										
0750	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/17/2023	3	40 mL VOA	HCl	8260	Emax
4/17/2023	1	250 mL Amber	Ice	8330	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/17/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/17/2023	1	1 Liter Amber	Ice	8270	Emax
4/17/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Fair

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW17**

Client: USACE (W912PP19F0001) Date: 4/21/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 65.83

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 152 Screen Interval (ft): 112 to 127

Purging Date: 4/21/2023 Water Column (ft): 86.17 Midscreen (ft): 119.5

Sampling Date: 4/21/2023 Recommended Pump Settings: 50 psi, 9 sec on, 25 sec off

Purged Dry: No Field Pump Settings: 50 psi, 9 sec on, 25 sec off

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW17042023	Time 1340	ID# TMW17042023D	Time 1345	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 (mL/m)	Comments
1255	Start purging						65.83		100	
1300	13.90	9.35	40	2.10	11.1	4.00	—			
1305	14.27	9.15	-177	2.07	10.6	0.00	—			
1310	14.69	9.26	-149	2.03	10.6	0.00	—			
1315	15.37	9.28	-117	2.06	10.1	4.84	—			
1320	15.43	9.29	-105	2.06	12.1	4.94	—			
1325	15.79	9.30	-90	2.07	10.0	4.97	—	3		
1340	Collect sample									
1345	Collect duplicate sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	6	40 mL VOA	HCl	8260	Emax
4/21/2023	2	250 mL Poly	Ice	9056	Emax
4/21/2023	2	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	2	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	2	60 mL Poly	Ice	6850/6860	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Fair

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW18**

Client: USACE (W912PP19F0001) Date: 4/16/2023

Project # Eco-18-1237 Sampling Personnel: WM, EO

Location: Wingate Army Depot Well Diameter: 2" Initial Depth-to-Water (ft): 62.75

Purging Method: Bennet high flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 160 Screen Interval (ft): 150 to 160

Purging Date: 4/16/2023 Water Column (ft): 97.25 Midscreen (ft): 155

Sampling Date: 4/17/2023 Recommended Pump Settings: 60 - 70 psi

Purged Dry: Yes Field Pump Settings: 70 - 100 psi

Color of water: Clear				Odor: None			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID#	TMW18042023	Time	0915	ID#	—	Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1006	Start purging						62.75		0.5	70 psi
1011	14.83	8.73	71	2.84	29.9	6.18	87.15			
1016	14.17	8.74	61	2.90	16.2	2.22	103.06			
1021	13.84	8.71	62	2.92	12.5	1.91	114.50			
1026	13.68	8.68	51	2.93	13.8	1.26	131.52			
1031	Switch tanks									
1036	13.57	8.69	56	2.93	17.7	1.88	145.71	15	0.66	100 psi
1039	Purged dry							16.5		
4/17/2023										
0915	Collect sample									
4/19/2023										
1350	Start purging								0.4	
1355	14.07	9.44	143	3.38	17.0	5.33	—			
1400	14.09	9.38	48	3.38	25.7	2.18	—			
1405	14.03	9.40	109	3.38	17.2	2.47	—			
1410	Purged dry							8		
4/20/2023										
0730	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/17/2023	3	40 mL VOA	HCl	8260	Emax
4/17/2023	1	250 mL Amber	Ice	8330	Emax
4/17/2023	1	250 mL Poly	Ice	9056	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/17/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/17/2023	1	1 Liter Amber	Ice	8270	Emax
4/17/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments: Well repurged/resampled for anions on 4/19 and 4/20.

Well Cap and Casing condition
Fair

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW19**

Client: USACE (W912PP19F0001) Date: 4/16/2023

Project # Eco-18-1237 Sampling Personnel: WM, EO

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 47.59

Purging Method: Bennet high flow

Monitoring Method: Horiba U-52 Well Depth (ft): 187 Screen Interval (ft): 169 to 184

Purging Date: 4/16/2023 Water Column (ft): 144.41 Midscreen (ft): 176.5

Sampling Date: 4/17/2023 Recommended Pump Settings: 60 psi

Purged Dry: Yes Field Pump Settings: 60 - 100 psi

Color of water: Clear				Odor: None			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID#	TMW19042023	Time	1015	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1108	Start purging						47.59		0.75	
1113	14.56	8.36	55	2.99	24.8	7.02	79.47			
1118	13.83	8.34	21	3.01	21.3	2.54	87.69			
1123	13.66	8.34	30	3.00	20.3	4.38	101.21			
1128	13.55	8.30	44	2.99	21.2	1.95	117.95			
1133	13.62	8.28	45	2.99	24.0	2.47	135.70			
1138	13.56	8.29	57	2.98	34.1	2.07	155.95			
1143	13.49	8.30	60	2.97	49.3	1.98	172.70			
1146	Purged dry							26.25		
4/17/2023										
1015	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/17/2023	3	40 mL VOA	HCl	8260	Emax
4/17/2023	1	250 mL Amber	Ice	8330	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/17/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/17/2023	1	1 Liter Amber	Ice	8270	Emax
4/17/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Fair

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW21**

Client: USACE (W912PP19F0001) Date: 4/27/2023

Project # Eco-18-1237 Sampling Personnel: OA, VA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 52.48

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 72 Screen Interval (ft): 48 to 58

Purging Date: 4/27/2023 Water Column (ft): 19.52 Midscreen (ft): 53

Sampling Date: 4/27/2023 Recommended Pump Settings: 35 psi, 4 sec off and 6 sec on.

Purged Dry: No Field Pump Settings: 35 psi, 4 sec off and 6 sec on.

Color of water: Clear				Odor: None			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID#	TMW21042023	Time	0955	ID#	—	Time	—	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 (mL/m)	Comments
0925	Start purging						52.48		40	
0930	9.13	7.98	-140	3.94	0.0	7.76	52.55			
0935	9.98	7.92	-113	3.67	0.0	4.53	52.60			
0940	10.90	7.73	-102	3.44	0.0	4.11	52.60			
0945	11.33	7.63	-100	3.36	0.0	6.84	52.61			
0950	11.92	7.61	-95	3.27	0.0	6.60	52.63			
0955	12.43	7.54	-91	3.22	0.0	6.51	52.63	1.2		
0955	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/27/2023	3	40 mL VOA	HCl	8260	Emax
4/27/2023	1	250 mL Amber	Ice	8330	Emax
4/27/2023	1	250 mL Poly	Ice	9056	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/27/2023	1	60 mL Poly	Ice	6850/6860	Emax
4/27/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/27/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/27/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW22**

Client: USACE (W912PP19F0001) Date: 4/20/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 48.50

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 65 Screen Interval (ft): 52 to 62

Purging Date: 4/20/2023 Water Column (ft): 16.50 Midscreen (ft): 57

Sampling Date: 4/21/2023 Recommended Pump Settings: 160 - 175 Hz

Purged Dry: Yes Field Pump Settings: 160 - 190 Hz

Initial DO Reading:

Color of water: Clear				Odor: None			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID# TMW22042023	Time	0855		ID# —	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1108	Start purging						48.50		0.27	160 Hz
1109	13.16	8.74	109	3.87	>1000	2.72	54.31			
1112	13.50	8.66	113	3.84	191	4.27	55.11			
1115	14.51	8.57	108	3.84	190	3.87	57.02			175 Hz
1119	Purged dry							3		190 Hz
4/21/2023										
0855	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/21/2023	1	1 Liter Amber	Ice	8270	Emax
4/21/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Good

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW23**

Client: USACE (W912PP19F0001) Date: 4/21/2023

Project # Eco-18-1237 Sampling Personnel: WM, OA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 45.83

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 59.5 Screen Interval (ft): 46 to 56

Purging Date: 4/20/2023 Water Column (ft): 13.67 Midscreen (ft): 51

Sampling Date: 4/21/2023 Recommended Pump Settings: 155 - 170 Hz

Purged Dry: Yes Field Pump Settings: 150 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample				**Duplicate Sample**				**MS/ MSD**
ID#	TMW23042023	Time	0725	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0920	Start purging						45.83		0.25	
0925	10.59	6.57	173	3.24	241	3.22	52.00			
0930	13.75	6.86	176	3.16	358	1.16	55.40			
0935	14.79	6.97	168	3.18	102	1.05	57.45			
0936	Purged dry							4		
4/21/2023										
0725	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/21/2023	1	1 Liter Amber	Ice	8081	Emax
4/21/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW24**

Client: USACE (W912PP19F0001) Date: 4/24/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 38.16

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 75 Screen Interval (ft): 44 to 54

Purging Date: 4/24/2023 Water Column (ft): 36.84 Midscreen (ft): 49

Sampling Date: 4/24/2023 Recommended Pump settings: 25 psi, 3 sec on, 75 sec off

Purged Dry: No Field Pump Settings: 25 psi, 6 sec on, 50 sec off

Color of water: Clear				Odor: None			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID#	TMW24042023	Time	1050	ID#	—	Time	—	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 (mL/m)	Comments
1017	Start purging						38.16		100	
1022	15.36	8.45	-139	4.45	22.3	4.67	38.42			
1027	15.28	8.42	-143	4.45	21.2	1.41	39.05			
1032	15.33	8.38	-135	4.47	10.9	0.00	39.14			
1037	15.15	8.34	-121	4.50	10.5	0.00	39.22			
1042	14.99	8.32	-113	4.52	10.4	0.00	39.30			
1047	14.86	8.32	-105	4.52	9.8	0.00	39.35	3		
1050	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	1	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW25**

Client: USACE (W912PP19F0001) Date: 4/27/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 40.45

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 74 Screen Interval (ft): 42.5 to 52.5

Purging Date: 4/27/2023 Water Column (ft): 33.55 Midscreen (ft): 47.5

Sampling Date: 4/27/2023 Recommended Pump Settings: 6 sec on, 4.5 sec off, 33 psi

Purged Dry: No Field Pump Settings: 6 sec on, 35 sec off, 30 psi

Color of water: Clear				Odor: None			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID#	TMW25042023	Time	0745	ID#	—	Time	—	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 (mL/m)	Comments
0710	Start purging						40.45		200	
0715	10.32	8.11	43	4.02	81.1	3.45	41.21			
0720	10.71	8.09	37	4.01	78.0	1.89	41.44			
0725	11.01	8.15	59	3.94	63.9	0.00	42.25			
0730	10.94	8.15	87	3.92	58.9	0.08	42.70			
0735	10.96	8.17	100	3.92	47.3	0.00	43.09			
0740	11.17	8.19	108	3.92	50.2	0.00	43.07	6		
0745	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/27/2023	3	40 mL VOA	HCl	8260	Emax
4/27/2023	1	250 mL Amber	Ice	8330	Emax
4/27/2023	1	250 mL Poly	Ice	9056	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW26**

Client: USACE (W912PP19F0001) Date: 4/19/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 29.50

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 64.8 Screen Interval (ft): 45 to 55

Purging Date: 4/19/2023 Water Column (ft): 35.30 Midscreen (ft): 50

Sampling Date: 4/19/2023 Recommended Pump Settings: 40 psi, 8 sec on, 20 sec off

Purged Dry: No Field Pump Settings: 40 psi, 8 sec on, 20 sec off

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	TMW26042023	Time	0810	ID#	—	Time	—	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 (mL/m)	Comments
0730	Start purging						29.50		150	
0735	11.09	8.05	175	3.74	34.4	6.18	29.50			
0740	10.96	8.12	239	3.64	56.0	4.64	29.52			
0745	11.05	8.16	226	3.69	54.3	3.36	29.50			
0750	10.84	8.21	217	3.69	45.5	0.00	29.50			
0755	10.86	8.23	216	3.69	44.6	0.00	29.53			
0800	10.82	8.23	214	3.70	43.0	0.00	29.50			
0805	10.85	8.22	213	3.69	42.8	0.00	29.50	6		
0810	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/19/2023	3	40 mL VOA	HCl	8260	Emax
4/19/2023	1	250 mL Amber	Ice	8330	Emax
4/19/2023	1	250 mL Poly	Ice	9056	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/19/2023	1	60 mL Poly	Ice	6850 / 6860	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW27**

Client: USACE (W912PP19F0001) Date: 4/19/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 29.55

Purging Method: BESST Low Flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 102.2 Screen Interval (ft): 60 to 70

Purging Date: 4/19/2023 Water Column (ft): 72.65 Midscreen (ft): 65

Sampling Date: 4/19/2023 Recommended Pump Settings: 4 sec on, 30 sec off, 50 psi

Purged Dry: No Field Pump Settings: 4 sec on, 30 sec off, 50 psi

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	TMW27042023	Time	1020	ID#	—	Time	—	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 (mL/m)	Comments
0935	Start purging						29.55		130	
0940	11.89	8.29	-126	1.70	22.6	1.54	30.04			
0945	12.13	8.09	-95	1.55	18.8	0.03	30.25			
0950	12.29	8.06	-62	1.52	18.6	0.99	30.14			
0955	12.37	8.00	-57	1.50	16.0	1.30	30.20			
1000	12.12	8.02	-55	1.53	20.7	0.66	30.22			
1005	12.16	8.06	-50	1.55	14.0	1.64	30.24			
1010	12.14	8.04	-54	1.56	14.8	1.70	30.20			
1015	12.10	8.02	-52	1.56	16.0	1.60	30.25	5.2		
1020	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/19/2023	3	40 mL VOA	HCl	8260	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/19/2023	1	60 mL Poly	Ice	6850 / 6860	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW28**

Client: USACE (W912PP19F0001) Date: 4/24/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 18.25

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 72.5 Screen Interval (ft): 37 to 47

Purging Date: 4/24/2023 Water Column (ft): 54.25 Midscreen (ft): 42

Sampling Date: 4/24/2023 Recommended Pump Settings: 25 psi, 4 sec on, 30 sec off

Purged Dry: No Field Pump Settings: 25 psi, 6 sec on, 24 sec off

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW28042023	Time 0920	ID# —	Time —	Yes

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 (mL/m)	Comments
0845	Start purging						18.25		265	
0850	12.41	7.63	-66	3.80	32.4	5.42	19.25			
0855	12.67	7.78	-74	3.81	18.4	2.07	19.60			
0900	12.48	7.84	-52	3.90	10.8	5.75	19.84			
0905	12.42	7.83	-57	3.93	9.9	5.52	20.20			
0910	12.43	7.82	-61	3.93	10.5	5.59	20.43			
0915	12.39	7.83	-62	3.93	10.4	5.56	20.38	8		
0920	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases,	Analytical Method	Laboratory
4/24/2023	9	40 mL VOA	HCl	8260	Emax
4/24/2023	3	250 mL Poly	Ice	9056	Emax
4/24/2023	3	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	3	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW29**

Client: USACE (W912PP19F0001) Date: 4/20/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 59.25

Purging Method: Hand bail

Monitoring Equipment: Horiba U-52 Well Depth (ft): 62 Screen Interval (ft): 49 to 59

Purging Date: 4/20/2023 Water Column (ft): 2.75 Midscreen (ft): 54

Sampling Date: 4/21/2023 Recommended Pump settings: NA

Purged Dry: Yes Field Pump Settings: NA

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	TMW29042023	Time	0940	ID#	—	Time	—	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
1218	Start purging						59.25		0.27	
1220	15.56	8.64	131	2.47	542	4.83	—			
1223	14.36	8.49	142	2.40	885	1.80	—			
1226	13.78	8.45	145	2.42	>1000	1.70	—			
1229	13.04	8.50	146	2.45	978	1.78	—			
1233	Purged dry							4		
4/21/2023										
0940	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	60 mL Poly	Ice	6850 / 6860	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: TMW30

Client: USACE (W912PP19F0001) Date: 4/18/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 40.68

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 47 Screen Interval (ft): 35 to 45

Purging Date: 4/18/2023 Water Column (ft): 6.32 Midscreen (ft): 40

Sampling Date: 4/19/2023 Recommended Pump Settings: 150 Hz

Purged Dry: Yes Field Pump Settings: 150 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW30042023	Time 0800	ID# —	Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1045	Start purging						40.68		0.5	
1048	13.57	6.23	163	2.32	16.5	6.65	42.40			
1051	13.63	6.35	165	2.30	7.4	4.62	44.50			
1052	Purged dry							3.5		
4/19/2023										
0800	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/19/2023	3	40 mL VOA	HCl	8260	Emax
4/19/2023	1	250 mL Amber	Ice	8330	Emax
4/19/2023	1	250 mL Poly	Ice	9056	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/19/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/19/2023	1	1 Liter Amber	Ice	8270	Emax
4/19/2023	1	1 Liter Amber	Ice	8081	Emax
4/19/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW31S**

Client: USACE (W912PP19F0001) Date: 4/18/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 43.10

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 63 Screen Interval (ft): 50 to 60

Purging Date: 4/18/2023 Water Column (ft): 19.90 Midscreen (ft): 55

Sampling Date: 4/19/2023 Recommended Pump Settings: NA

Purged Dry: Yes Field Pump Settings: 160 - 200 Hz

Initial DO Reading:

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW31S042023 Time 1010	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1245	Start purging						43.10		0.68	
1250	15.05	7.00	121	2.88	82.0	1.53	53.40			
1255	15.15	6.54	139	2.91	120	2.01	54.00			180 Hz
1300	13.90	6.58	141	2.97	68.2	7.89	59.00			
1305	14.55	6.57	140	2.95	107	6.35	dry	13.5		200 Hz
1305	Purged dry									
4/19/2023										
1010	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/19/2023	3	40 mL VOA	HCl	8260	Emax
4/19/2023	1	250 mL Amber	Ice	8330	Emax
4/19/2023	1	250 mL Poly	Ice	9056	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/19/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/19/2023	1	1 Liter Amber	Ice	8270	Emax
4/19/2023	1	1 Liter Amber	Ice	8081	Emax
4/19/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW31D**

Client: USACE (W912PP19F0001) Date: 4/25/2023

Project # Eco-18-1237 Sampling Personnel: OA, VA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 44.34

Purging Method: BESST Low Flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 111.5 Screen Interval (ft): 77 to 107

Purging Date: 4/25/2023 Water Column (ft): 67.16 Midscreen (ft): 92

Sampling Date: 4/25/2023 Recommended Pump Settings: 55 psi, 5 sec on, 21 sec off

Purged Dry: No Field Pump Settings: 55 psi, 5 sec on, 21 sec off

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW31D042023 Time 1345	ID# — Time —	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 (mL/m)	Comments
1300	Start purging						44.34			pause after purge start
1315	14.33	7.51	-136	4.44	0.0	0.73	44.34		100	
1320	14.33	7.62	-161	5.34	0.0	0.21	44.34			
1325	14.11	7.67	-160	5.49	0.0	0.00	44.34			
1330	13.71	7.70	-150	5.47	0.0	0.00	44.34			
1335	13.48	7.70	-148	5.47	0.0	0.00	44.34			
1340	13.37	7.64	-145	5.44	0.0	0.00	44.34			
1341	Purging complete							2.5		
1345	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/25/2023	3	40 mL VOA	HCl	8260	Emax
4/25/2023	1	250 mL Amber	Ice	8330	Emax
4/25/2023	1	250 mL Poly	Ice	9056	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/25/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/25/2023	1	1 Liter Amber	Ice	8270	Emax
4/25/2023	1	1 Liter Amber	Ice	8081	Emax
4/25/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments: 15 minute delay from thunder warning/sheltering.

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW32**

Client: USACE (W912PP19F0001) Date: 4/27/2023

Project # Eco-18-1237 Sampling Personnel: OA, VA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 45.78

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 139.1 Screen Interval (ft): 117 to 137

Purging Date: 4/27/2023 Water Column (ft): 93.32 Midscreen (ft): 127

Sampling Date: 4/27/2023 Recommended Pump Settings: 45 psi, 5 sec on, 25 sec off

Purged Dry: No Field Pump Settings: 45 psi, 5 sec on, 25 sec off

Color of water: Clear				Odor: None			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID#	TMW32042023	Time	0755	ID#	—	Time	—	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 (mL/m)	Comments
0725	Start purging						45.78		100	
0730	11.02	6.67	22	3.08	0.0	6.09	45.80			
0735	11.75	6.93	49	3.22	0.0	3.21	45.80			
0740	11.66	7.30	-24	3.61	0.0	2.46	45.80			
0745	11.79	7.31	-161	4.40	0.0	0.00	45.82			
0750	11.24	7.40	-187	4.49	0.0	0.00	45.82			
0755	11.57	7.53	-184	4.31	0.0	0.00	45.82	3		
0755	End purge, collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases,	Analytical Method	Laboratory
4/27/2023	3	40 mL VOA	HCl	8260	Emax
4/27/2023	1	250 mL Amber	Ice	8330	Emax
4/27/2023	1	250 mL Poly	Ice	9056	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/27/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/27/2023	1	1 Liter Amber	Ice	8270	Emax
4/27/2023	1	1 Liter Amber	Ice	8081	Emax
4/27/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW33**

Client: USACE (W912PP19F0001) Date: 4/21/2023

Project # Eco-18-1237 Sampling Personnel: WM, OA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 46.18

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 60 Screen Interval (ft): 37 to 57

Purging Date: 4/20/2023 Water Column (ft): 13.82 Midscreen (ft): 47

Sampling Date: 4/21/2023 Recommended Pump Settings: 155 - 175 Hz

Purged Dry: Yes Field Pump Settings: 155 - 165 Hz

Initial DO Reading:

Color of water: Clear				Odor: None			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID#	TMW33042023	Time	1025	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1350	Start purging						46.18		0.5	155 Hz
1355	17.45	7.31	186	9.31	104	1.99	49.10			
1400	17.76	7.03	170	9.57	45.7	1.03	50.52			165 Hz
1405	17.59	7.00	155	9.61	18.7	2.32	54.80			
1408	Purged dry							10		
4/21/2023										
1025	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	1 Liter Amber	Ice	8270	Emax
4/21/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/21/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/21/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW34**

Client: USACE (W912PP19F0001) Date: 4/26/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 47.45

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 57.3 Screen Interval (ft): 37 to 57

Purging Date: 4/26/2023 Water Column (ft): 9.85 Midscreen (ft): 47

Sampling Date: 4/26/2023 Recommended Pump Settings: 50 psi, 5 sec on, 30 sec off

Purged Dry: No Field Pump Settings: 30 psi, 6.5 sec on, 30 sec off

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW34042023 Time 1350	ID# — Time —	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 (mL/m)	Comments
1315	Start purging						47.45		200	
1320	19.68	7.86	119	6.01	8.5	3.33	47.55			
1325	17.95	7.83	129	5.81	5.7	4.34	47.58			
1330	16.54	7.82	136	5.90	4.8	7.25	47.58			
1335	16.32	7.79	142	5.92	10.1	3.87	47.58			
1340	16.08	7.80	145	5.91	11.7	0.00	47.60			
1345	15.90	7.77	149	5.96	9.5	0.00	47.60	6		
1350	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/26/2023	3	40 mL VOA	HCl	8260	Emax
4/26/2023	1	250 mL Poly	Ice	9056	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/26/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/26/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/26/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Fair

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: TMW35

Client: USACE (W912PP19F0001) Date: 4/26/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 46.36

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 55 Screen Interval (ft): 35 to 55

Purging Date: 4/26/2023 Water Column (ft): 8.74 Midscreen (ft): 45

Sampling Date: 4/26/2023 Recommended Pump Settings: 25 psi, 5 on, 25 off

Purged Dry: No Field Pump Settings: 35 psi, 6 sec on, 45 sec off

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW35042023	Time 1100	ID# —	Time —	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 (mL/m)	Comments
1025	Start purging						46.36		200	
1030	13.07	7.92	0	5.03	33.7	3.48	46.49			
1035	13.10	8.08	42	4.97	12.9	0.39	46.49			
1040	13.33	7.89	71	5.03	11.0	0.00	46.49			
1045	13.85	7.87	78	4.98	10.2	0.00	46.49			
1050	14.02	7.90	94	4.94	10.1	0.00	46.49			
1055	14.29	7.89	101	4.90	9.4	0.00	46.49	6		
1100	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases, Other)	Analytical Method	Laboratory
4/26/2023	3	40 mL VOA	HCl	8260	Emax
4/26/2023	1	250 mL Poly	Ice	9056	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	1	250 mL Poly	Ice	6850 / 6860	Emax
4/26/2023	1	1 Liter Amber	Ice	8270	Emax
4/26/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/26/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/26/2023	1	1 Liter Amber	Ice	8081	Emax
4/26/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW36**

Client: USACE (W912PP19F0001) Date: 4/18/2023

Project # Eco-18-1237 Sampling Personnel: WM, EO

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 36.05

Purging Method: Bennett pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 157 Screen Interval (ft): 132 to 152

Purging Date: 4/16/2023 Water Column (ft): 120.95 Midscreen (ft): 142

Sampling Date: 4/17/2023 Recommended Pump Settings: 60 - 90 psi

Purged Dry: Yes Field Pump Settings: 60 - 100 psi

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	TMW36042023	Time	1130	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1300	Start purging						46.36		0.5	
1305	19.49	8.44	-99	2.74	16.6	3.13	62.99			
1310	16.79	8.43	-43	2.80	11.6	1.62	80.33			
1315	15.65	8.40	-59	2.79	10.1	0.73	91.75			
1320	15.96	8.38	-64	2.79	12.0	0.70	101.82			
1325	15.20	8.27	-77	2.83	11.8	5.49	109.07			75 psi
1330	15.36	8.38	-1	2.88	13.0	2.21	119.35			Change nitrogen tank.
1345	Resume purge									
1350	16.11	8.38	21	2.83	32.5	1.76	136.05			
1355	15.30	8.37	8	2.86	244	4.66	142.03			
1400	15.01	8.43	-8	2.83	131	4.80	149.00			
1403	Purged dry							25		
4/17/2023										
0740	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases, Other)	Analytical Method	Laboratory
4/17/2023	3	40 mL VOA	HCl	8260	Emax
4/17/2023	1	250 mL Amber	Ice	8330	Emax
4/17/2023	1	250 mL Poly	Ice	9056	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/17/2023	1	1 Liter Amber	Ice	8270	Emax
4/17/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/17/2023	1	1 Liter Amber	Ice	8081	Emax
4/17/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Fair

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW37**

Client: USACE (W912PP19F0001) Date: 4/17/2023

Project # Eco-18-1237 Sampling Personnel: WM, EO

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 50.99

Purging Method: Bennett pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 111 Screen Interval (ft): 88 to 108

Purging Date: 4/17/2023 Water Column (ft): 60.01 Midscreen (ft): 98

Sampling Date: 4/18/2023 Recommended Pump Settings: 75 psi

Purged Dry: Yes Field Pump Settings: 75 psi

Color of water: Clear				Odor: None			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID#	TMW37042023	Time	0730	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1300	Start purging						50.99		0.5	
1305	14.84	7.82	-16	2.62	24.9	1.72	68.99			
1310	14.76	9.04	-15	2.36	21.5	0.00	82.28			
1315	14.77	8.91	-4	2.34	21.9	0.00	91.25			
1320	14.70	8.76	0	2.34	26.0	0.00	95.37			
1325	14.57	8.92	11	2.34	87.9	0.00	101.71			
1330	Switch tanks									
1335	14.99	8.51	-66	3.23	44.2	1.27	dry			
1335	Purged dry							17		
4/18/2023										
0730	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases,	Analytical Method	Laboratory
4/18/2023	3	40 mL VOA	HCl	8260	Emax
4/18/2023	1	250 mL Amber	Ice	8330	Emax
4/18/2023	1	250 mL Poly	Ice	9056	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/18/2023	1	1 Liter Amber	Ice	8270	Emax
4/18/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/18/2023	1	1 Liter Amber	Ice	8081	Emax
4/18/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments: Water spray out of nitrogen vent above 80 psi.

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW38**

Client: USACE (W912PP19F0001) Date: 4/27/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 51.18

Purging Method: BESST Low Flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 159.5 Screen Interval (ft): 118.9 to 158.9

Purging Date: 4/27/2023 Water Column (ft): 108.32 Midscreen (ft): 138.9

Sampling Date: 4/27/2023 Recommended Pump Settings: 30 psi, 5.5 sec on, 25 sec off

Purged Dry: No Field Pump Settings: 20 psi, 6 sec on, 45 sec off

Color of water: Clear				Odor: Sulfur odor			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID#	TMW38042023	Time	0905	ID#	—	Time	—	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 (mL/m)	Comments
0828	Start purging						51.18		100	
0833	10.79	9.32	27	3.32	19.5	0.53	51.60			
0838	12.03	8.96	-129	3.37	16.3	0.00	51.80			
0843	12.12	8.99	-153	3.93	14.4	0.00	51.85			
0848	12.29	8.33	-161	4.46	11.3	0.00	52.00			
0853	12.46	8.81	-161	4.47	11.5	0.00	52.09			
0858	12.73	8.80	-155	4.80	11.8	0.00	52.22	3		
0905	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases,	Analytical Method	Laboratory
4/27/2023	3	40 mL VOA	HCl	8260	Emax
4/27/2023	1	250 mL Amber	Ice	8330	Emax
4/27/2023	1	250 mL Poly	Ice	9056	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/27/2023	1	1 Liter Amber	Ice	8270	Emax
4/27/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/27/2023	1	1 Liter Amber	Ice	8081	Emax
4/27/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW39S**

Client: USACE (W912PP19F0001) Date: 4/20/2023

Project # Eco-18-1237 Sampling Personnel: WM, OA

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 40.50

Purging Method: Grundfos submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 55.5 Screen Interval (ft): 32.5 to 52.5

Purging Date: 4/19/2023 Water Column (ft): 14.59 Midscreen (ft): 42.5

Sampling Date: 4/20/2023 Recommended Pump Settings: 140 - 165 Hz

Purged Dry: Yes Field Pump Settings: 140 - 165 Hz

Initial DO Reading:

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW39S042023 Time 0730	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1430	Start purging						40.50		0.33	
1433	17.35	7.74	102	3.88	76.0	0.82	45.77			
1436	16.23	7.54	107	3.96	22.3	0.67	48.75			
1439	16.46	7.48	110	4.02	29.1	7.41	51.89			
1442	Purged dry							4		
4/20/2023										
0730	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/20/2023	3	40 mL VOA	HCl	8260	Emax
4/20/2023	1	250 mL Amber	Ice	8330	Emax
4/20/2023	1	250 mL Poly	Ice	9056	Emax
4/20/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/20/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/20/2023	1	1 Liter Amber	Ice	8270	Emax
4/20/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/20/2023	1	1 Liter Amber	Ice	8081	Emax
4/20/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW39D**

Client: USACE (W912PP19F0001) Date: 4/25/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 41.69

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 100.5 Screen Interval (ft): 70 to 100

Purging Date: 4/25/2023 Water Column (ft): 58.81 Midscreen (ft): 85

Sampling Date: 4/25/2023 Recommended Pump Settings: 40 psi, 6 sec on, 24 sec off

Purged Dry: No Field Pump Settings: 40 psi, 6 sec on, 24 sec off

Color of water: Clear

Odor: Slight Sulfur Odor

Original Sample	Duplicate Sample	MS/ MSD
ID# TMW39D042023 Time 0940	ID# — Time —	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 (mL/m)	Comments
0905	Start purging						41.69		200	
0910	12.13	8.72	-181	4.25	107	0.00	42.00			
0915	12.66	8.81	-154	4.63	110	0.00	42.07			
0920	12.80	8.82	-157	4.55	91.5	0.00	42.10			
0925	12.85	8.87	-125	3.98	52.1	0.00	42.10			
0930	13.17	8.89	-128	3.82	43.5	0.00	42.10			
0935	13.04	8.91	-93	3.75	26.7	0.00	42.10	6		
0940	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/25/2023	3	40 mL VOA	HCl	8260	Emax
4/25/2023	1	250 mL Amber	Ice	8330	Emax
4/25/2023	1	250 mL Poly	Ice	9056	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/25/2023	1	1 Liter Amber	Ice	8270	Emax
4/25/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/25/2023	1	1 Liter Amber	Ice	8081	Emax
4/25/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

		Well ID:	**TMW40S**
Client:	USACE (W912PP19F0001)	Date:	4/18/2023
Project #	Eco-18-1237	Sampling Personnel: GN, GP	
Location: Wingate Army Depot		Casing Diameter: 2.5"	Initial Depth-to-Water (ft): 61.75
Purging Method:	Hand bail		
Monitoring Equipment: Horiba U-52		Well Depth (ft): 62.5	Screen Interval (ft): 50 to 60
Purging Date:	4/18/2023	Water Column (ft): 0.75	Midscreen (ft): 55
Sampling Date:	4/18/2023	Recommended Pump Settings: NA	
Purged Dry:	Yes	Field Pump Settings: NA	

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW40S042023 Time —	ID# — Time —	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
1304	Start Purging								0.33	
1307	Purged Well Dry							1		
4/19/2023										
0737	Well Confirmed Dry						62.10			

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
NA	3	40 mL VOA	HCl	8260	Emax
NA	1	500 mL Amber	Ice	8330	Emax
NA	1	250 mL Poly	Ice	9056	Emax
NA	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
NA	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
NA	1	1 Liter Amber	Ice	8270	Emax
NA	1	60 mL Poly	Ice	6850 / 6860	Emax
NA	1	1 Liter Amber	Ice	8081	Emax
NA	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Good

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW40D**

Client: USACE (W912PP19F0001) Date: 4/25/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 39.21

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 155.5 Screen Interval (ft): 135 to 155

Purging Date: 4/25/2023 Water Column (ft): 116.29 Midscreen (ft): 145'

Sampling Date: 4/25/2023 Recommended Pump Settings: 40 psi, 9 sec on, 22 sec off

Purged Dry: No Field Pump Settings: 40 psi, 6 sec on, 35 sec off

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW40D042023 Time 1050	ID# — Time —	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 (mL/m)	Comments
1015	Start purging						39.21		200	
1020	13.36	8.81	-111	3.32	15.2	0.60	39.30			
1025	13.34	8.81	-130	3.29	14.4	0.00	39.30			
1030	13.80	8.84	-82	3.28	12.0	0.00	39.30			
1035	14.11	8.83	-94	3.28	12.1	0.00	39.30			
1040	14.57	8.83	-91	3.26	11.3	0.00	39.30			
1045	14.58	8.84	-86	3.28	11.7	0.00	39.30	6		
1050	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/25/2023	3	40 mL VOA	HCl	8260	Emax
4/25/2023	1	250 mL Amber	Ice	8330	Emax
4/25/2023	1	250 mL Poly	Ice	9056	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/25/2023	1	1 Liter Amber	Ice	8270	Emax
4/25/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/25/2023	1	1 Liter Amber	Ice	8081	Emax
4/25/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW41**

Client: USACE (W912PP19F0001) Date: 4/21/2023

Project # Eco-18-1237 Sampling Personnel: WM, OA

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 44.44

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 68 Screen Interval (ft): 55.5 to 65.5

Purging Date: 4/20/2023 Water Column (ft): 23.56 Midscreen (ft): 60.5

Sampling Date: 4/21/2023 Recommended Pump Settings: 160 - 250 Hz

Purged Dry: Yes Field Pump Settings: 160 - 220 Hz

Initial DO Reading:

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW41042023 Time 0800	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1010	Start purging						44.44		0.6	160 Hz
1015	13.76	7.36	181	3.78	92.6	2.69	55.20			
1020	14.69	7.31	190	3.71	68.9	1.83	56.12			
1025	14.82	7.34	186	3.69	42.4	1.39	57.85			
1030	15.09	7.35	189	3.72	20.7	2.37	57.85			
1035	14.65	7.33	194	3.88	46.1	2.28	58.10			220 Hz
1040	14.00	7.33	200	3.90	75.7	3.72	62.00			
1043	Purged dry							20		
4/21/2023										
0800	Start sampling									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	1 Liter Amber	Ice	8270	Emax
4/21/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/21/2023	1	1 Liter Amber	Ice	8081	Emax
4/21/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Good

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW43**

Client: USACE (W912PP19F0001) Date: 4/25/2023

Project # Eco-18-1237 Sampling Personnel: EO, GP

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 54.93

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 78.5 Screen Interval (ft): 58 to 78

Purging Date: 4/25/2023 Water Column (ft): 23.57 Midscreen (ft): 68

Sampling Date: 4/25/2023 Recommended Pump Settings: 40 psi, 10 sec on, 20 sec off

Purged Dry: No Field Pump Settings: 35 psi, 6 sec on, 30 sec off

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	TMW43042023	Time	0755	ID#	TMW43042023D	Time	0800	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 (mL/m)	Comments
0720	Start purging						54.93		200	
0725	12.04	8.08	103	2.58	19.8	5.83	54.97			
0730	12.31	8.04	113	2.54	12.2	0.00	55.02			
0735	12.10	8.10	120	2.54	9.1	7.77	55.04			
0740	11.98	8.11	124	2.54	10.0	6.64	55.04			
0745	11.84	8.09	131	2.56	9.7	0.00	55.04			
0750	11.91	8.06	132	2.55	9.6	0.00	55.04	6		
0755	Collect sample									
0800	Collect duplicate sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/25/2023	6	40 mL VOA	HCl	8260	Emax
4/25/2023	2	250 mL Amber	Ice	8330	Emax
4/25/2023	2	250 mL Poly	Ice	9056	Emax
4/25/2023	2	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/25/2023	2	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/25/2023	2	1 Liter Amber	Ice	8270	Emax
4/25/2023	2	60 mL Poly	Ice	6850 / 6860	Emax
4/25/2023	2	1 Liter Amber	Ice	8081	Emax
4/25/2023	4	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW44**

Client: USACE (W912PP19F0001) Date: 4/17/2023

Project # Eco-18-1237 Sampling Personnel: WM, OA

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 53.59

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 66.3 Screen Interval (ft): 46 to 56

Purging Date: 4/17/2023 Water Column (ft): 12.71 Midscreen (ft): 51

Sampling Date: 4/18/2023 Recommended Pump Settings: 160 - 200 Hz

Purged Dry: Yes Field Pump Settings: 160 - 200 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW44042023	Time 0810	ID# —	Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1120	Start purging						53.59		0.5	
1124	14.63	6.75	116	3.31	48.9	2.02	55.00			
1127	14.80	6.69	129	3.35	39.1	2.17	56.60			
1130	15.31	6.67	134	3.34	51.3	3.06	57.50			
1133	15.49	6.79	132	3.32	26.1	2.88	59.50			
1136	15.72	6.79	132	3.34	25.2	1.27	60.75			
1139	16.16	6.83	130	3.32	16.4	1.04	61.80			
1144	Purged dry							11		
4/18/2023										
0810	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/18/2023	3	40 mL VOA	HCl	8260	Emax
4/18/2023	1	250 mL Amber	Ice	8330	Emax
4/18/2023	1	250 mL Poly	Ice	9056	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/18/2023	1	1 Liter Amber	Ice	8270	Emax
4/18/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/18/2023	1	1 Liter Amber	Ice	8081	Emax
4/18/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW45**

Client: USACE (W912PP19F0001) Date: 4/25/2023

Project # Eco-18-1237 Sampling Personnel: OA, VA

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 47.17

Purging Method: BESST low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 59 Screen Interval (ft): 38.5 to 58.5

Purging Date: 4/25/2023 Water Column (ft): 11.83 Midscreen (ft): 48.5

Sampling Date: 4/25/2023 Recommended Pump Settings: 40 psi, 5 sec on, 55 sec off

Purged Dry: No Field Pump Settings: 60 psi, 5 sec on, 55 sec off

Color of water: Clear				Odor: None			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID#	TMW45042023	Time	0925	ID#	—	Time	—	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 (mL/m)	Comments
0840	Start purging						47.17		150	
0850	10.91	7.11	78	3.76	12.2	7.21	47.17			
0855	11.72	7.04	27	3.75	21.6	7.97	47.30			
0900	12.14	7.05	38	3.76	27.4	7.34	47.38			
0905	12.35	7.00	54	3.76	20.6	7.16	47.38			
0910	12.47	7.10	63	3.76	13.5	5.66	47.40			
0915	12.63	7.12	70	3.76	9.2	6.63	47.35	5.2		
0925	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/25/2023	3	40 mL VOA	HCl	8260	Emax
4/25/2023	1	250 mL Amber	Ice	8330	Emax
4/25/2023	1	250 mL Poly	Ice	9056	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/25/2023	1	1 Liter Amber	Ice	8270	Emax
4/25/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/25/2023	1	1 Liter Amber	Ice	8081	Emax
4/25/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW46**

Client: USACE (W912PP19F0001) Date: 4/17/2023

Project # Eco-18-1237 Sampling Personnel: WM, OA

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 45.60

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 61 Screen Interval (ft): 38.5 to 58.5

Purging Date: 4/17/2023 Water Column (ft): 15.40 Midscreen (ft): 48.5

Sampling Date: 4/18/2023 Recommended Pump Settings: 170 - 180 Hz

Purged Dry: Yes Field Pump Settings: 170 - 180 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample				Duplicate Sample				MS/ MSD
ID#	TMW46042023	Time	0900	ID#	—	Time	—	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1255	Start purging						45.60		0.75	
1258	16.08	6.84	119	5.42	55.7	4.84	49.00			
1301	15.33	6.73	122	5.54	48.3	3.20	50.50			
1304	15.27	6.76	120	5.54	111	2.06	52.50			
1307	15.08	6.75	112	5.55	95.1	2.16	54.00			
1310	Purged dry							10		
4/18/2023										
0900	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/18/2023	3	40 mL VOA	HCl	8260	Emax
4/18/2023	1	250 mL Amber	Ice	8330	Emax
4/18/2023	1	250 mL Poly	Ice	9056	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/18/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/18/2023	1	1 Liter Amber	Ice	8270	Emax
4/18/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/18/2023	1	1 Liter Amber	Ice	8081	Emax
4/18/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/18/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/18/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW47**

Client: USACE (W912PP19F0001) Date: 4/27/2023

Project # Eco-18-1237 Sampling Personnel: GN, RS, WM

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 48.22

Purging Method: BESST Low flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 103 Screen Interval (ft): 82.5 to 102.5

Purging Date: 4/27/2023 Water Column (ft): 54.78 Midscreen (ft): 92.5

Sampling Date: 4/27/2023 Recommended Pump Settings: 35 psi, 5 sec on, 40 sec off

Purged Dry: No Field Pump Settings: 35 psi, 5 sec on, 5 sec off

Color of water: Clear				Odor: None			
Original Sample				**Duplicate Sample**			**MS/ MSD**
ID#	TMW47042023	Time	0915	ID#	—	Time	—	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 (mL/m)	Comments
0830	Start purging						48.22		75	
0835	10.76	8.27	-160	2.53	2.0	3.18	48.71			
0845	11.74	8.56	-135	2.53	1.2	0.10	49.06			
0850	12.19	8.66	-114	2.52	0.0	1.15	49.25			
0900	12.82	8.84	-102	2.49	0.0	0.00	49.55			
0905	13.06	8.94	-105	2.48	0.0	0.00	49.60			
0910	13.15	9.04	-99	2.49	0.0	0.00	49.72			
0915	Collect sample							2.5		

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/27/2023	3	40 mL VOA	HCl	8260	Emax
4/27/2023	1	250 mL Amber	Ice	8330	Emax
4/27/2023	1	250 mL Poly	Ice	9056	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/27/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/27/2023	1	1 Liter Amber	Ice	8270	Emax
4/27/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/27/2023	1	1 Liter Amber	Ice	8081	Emax
4/27/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

		Well ID:	**TMW48**
Client:	USACE (W912PP19F0001)	Date:	4/25/2023
Project #	Eco-18-1237	Sampling Personnel: OA, VA	
Location: Wingate Army Depot		Casing Diameter: 2.5"	Initial Depth-to-Water (ft): 42.85
Purging Method:	BESST Low Flow		
Monitoring Equipment: Horiba U-52		Well Depth (ft): 91.5	Screen Interval (ft): 71 to 91
Purging Date:	4/25/2023	Water Column (ft): 48.65	Midscreen (ft): 81
Sampling Date:	4/25/2023	Recommended Pump Settings: 40 psi, 7 sec on, 10 sec off	
Purged Dry:	No	Field Pump Settings: 40 psi, 7 sec on, 10 sec off	

Color of water: Clear				Odor: None				
Original Sample				**Duplicate Sample**				**MS/ MSD**
ID#	TMW48042023	Time	1105	ID#	TMW48042023D	Time	1110	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 (mL/m)	Comments
1030	Start purging						42.85		360	
1035	14.35	7.33	141	3.41	2.1	3.59	42.85			
1040	15.02	7.31	141	3.28	0.0	1.87	42.85			
1045	15.36	7.31	134	3.26	0.0	0.97	42.85			
1050	15.31	7.34	137	3.29	0.0	0.16	42.85			
1055	15.34	7.34	133	3.29	0.0	0.00	42.85			
1100	15.45	7.41	132	3.29	0.0	0.00	42.85	11		
1105	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/25/2023	6	40 mL VOA	HCl	8260	Emax
4/25/2023	2	250 mL Amber	Ice	8330	Emax
4/25/2023	2	250 mL Poly	Ice	9056	Emax
4/25/2023	2	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/25/2023	2	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/25/2023	2	1 Liter Amber	Ice	8270	Emax
4/25/2023	2	60 mL Poly	Ice	6850 / 6860	Emax
4/25/2023	2	1 Liter Amber	Ice	8081	Emax
4/25/2023	4	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW49**

Client: USACE (W912PP19F0001) Date: 4/26/2023

Project # Eco-18-1237 Sampling Personnel: OA, VA

Location: Wingate Army Depot Casing Diameter: 2.5" Initial Depth-to-Water (ft): 50.71

Purging Method: BESST Low Flow

Monitoring Equipment: Horiba U-52 Well Depth (ft): 60.5 Screen Interval (ft): 40 to 60

Purging Date: 4/26/2023 Water Column (ft): 9.79 Midscreen (ft): 50

Sampling Date: 4/26/2023 Recommended Pump Settings: 35 psi, 3 sec on, 57 sec off

Purged Dry: No Field Pump Settings: 35 psi, 3 sec on, 57 sec off

Color of water: Clear	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW49042023 Time 0825	ID# — Time —	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 (mL/m)	Comments
0735	Start purging						50.71		40	
0751	13.28	6.52	13	3.95	1.3	1.03	50.92			
0802	13.28	6.71	-23	4.30	1.6	0.06	50.93			
0807	13.28	6.82	-34	4.43	1.7	0.00	50.95			
0812	13.30	6.88	-47	4.51	2.9	0.00	50.95			
0817	13.33	6.95	-55	4.52	2.3	0.00	50.95			
0823	13.52	7.03	-62	4.50	2.5	0.00	50.95	2		
0825	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/26/2023	3	40 mL VOA	HCl	8260	Emax
4/26/2023	1	250 mL Amber	Ice	8330	Emax
4/26/2023	1	250 mL Poly	Ice	9056	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	1	1 Liter Amber	Ice	8270	Emax
4/26/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/26/2023	1	1 Liter Amber	Ice	8081	Emax
4/26/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW50**

Client: USACE (W912PP19F0001) Date: 4/18/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 47.10

Purging Method: Grundfos / Submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 79 Screen Interval (ft): 55 to 75

Purging Date: 4/18/2023 Water Column (ft): 31.90 Midscreen (ft): 65

Sampling Date: 4/19/2023 Recommended Pump Settings: 155 - 185 Hz

Purged Dry: Yes Field Pump Settings: 160 - 280 Hz

Initial DO Reading:

Color of water: Light brown to brown | Odor: Slight

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW50042023	Time 0840	ID# —	Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1115	Start purging						47.10		0.6	160 Hz
1120	13.37	7.20	-17	2.01	376	6.11	58.00			
1125	13.60	7.17	4	2.30	161	2.32	64.00			
1130	13.79	7.29	-22	2.26	>1000	7.83	74.00			280 Hz
1133	Purged dry							11		
4/19/2023										
0840	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/19/2023	3	40 mL VOA	HCl	8260	Emax
4/19/2023	1	250 mL Amber	Ice	8330	Emax
4/19/2023	1	250 mL Poly	Ice	9056	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/19/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/19/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/19/2023	1	1 Liter Amber	Ice	8270	Emax
4/19/2023	1	1 Liter Amber	Ice	8081	Emax
4/19/2023	1	1 Liter Amber	Ice	8082	Emax
4/19/2023	1	500 mL Amber	Ice	8151	Emax
4/19/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/19/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/19/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW51**

Client: USACE (W912PP19F0001) Date: 4/21/2023

Project # Eco-18-1237 Sampling Personnel: GN, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 39.42

Purging Method: Grundfos / Submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 129 Screen Interval (ft): 105 to 125

Purging Date: 4/21/2023 Water Column (ft): 89.58 Midscreen (ft): 115

Sampling Date: 4/21/2023 Recommended Pump Settings: 250 - 300 Hz

Purged Dry: No Field Pump Settings: 250 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample	Duplicate Sample	MS/ MSD
ID# TMW51042023 Time 1145	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1032	Start purging						39.42		1.8	
1047	13.48	7.51	44	3.24	49.8	5.20	42.84			
1102	15.15	8.38	71	3.12	37.1	2.65	43.48			
1117	16.95	8.22	58	3.15	45.9	6.68	44.02			
1127	15.60	8.74	86	3.09	45.6	0.00	44.33			
1132	14.91	8.78	86	3.10	46.4	3.51	44.41	110		
1145	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/21/2023	1	1 Liter Amber	Ice	8270	Emax
4/21/2023	1	1 Liter Amber	Ice	8081	Emax
4/21/2023	1	1 Liter Amber	Ice	8082	Emax
4/21/2023	1	500 mL Amber	Ice	8151	Emax
4/21/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/21/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/21/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW52**

Client: USACE (W912PP19F0001) Date: 4/24/2023

Project # Eco-18-1237 Sampling Personnel: GN, RS, WM

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 56.21

Purging Method: Grundfos / Submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 119 Screen Interval (ft): 95 to 105

Purging Date: 4/24/2023 Water Column (ft): 60.24 Midscreen (ft): 100

Sampling Date: 4/25/2023 Recommended Pump Settings: 200 - Maximum Hz

Purged Dry: Yes Field Pump Settings: 200 - Maximum Hz

Initial DO Reading:

Color of water: Cloudy	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW52042023 Time 0740	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1340	Start purging						56.21		1.4	
1345	15.19	5.23	-56	1.93	377	7.29	83.45			
1350	15.09	5.35	-31	1.92	144	6.49	97.01			
1355	15.39	5.50	-31	1.94	146	6.12	101.92			
1400	16.14	5.61	-31	1.96	855	7.83	106.00			
1404	Purged dry							17		
4/25/2023										
0740	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/25/2023	3	40 mL VOA	HCl	8260	Emax
4/25/2023	1	250 mL Amber	Ice	8330	Emax
4/25/2023	1	250 mL Poly	Ice	9056	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/25/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/25/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/25/2023	1	1 Liter Amber	Ice	8270	Emax
4/25/2023	1	1 Liter Amber	Ice	8081	Emax
4/25/2023	1	1 Liter Amber	Ice	8082	Emax
4/25/2023	1	500 mL Amber	Ice	8151	Emax
4/25/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/25/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/25/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition
Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW53**

Client: USACE (W912PP19F0001) Date: 4/23/2023

Project # Eco-18-1237 Sampling Personnel: GN, WM

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 52.51

Purging Method: Grundfos / Submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 120 Screen Interval (ft): 107 to 117

Purging Date: 4/23/2023 Water Column (ft): 67.49 Midscreen (ft): 112

Sampling Date: 4/24/2023 Recommended Pump Settings: 220 - Maximum Hz

Purged Dry: Yes Field Pump Settings: 205 - Maximum Hz

Initial DO Reading:

Color of water: Grey	Odor: Sulfuric	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW53042023 Time 1030	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1305	Start purging						52.51		0.5	
1308	15.17	9.48	-200	1.51	815	7.44	69.85			205 Hz
1311	14.86	9.45	-209	1.49	243	0.00	76.01			
1314	15.16	9.44	-209	1.50	217	0.00	83.73			
1317	15.48	9.58	-205	1.50	172	0.00	88.51			220 Hz
1320	16.44	9.55	-207	1.52	146	0.00	94.35			
1323	16.38	9.43	-205	1.51	138	0.14	97.20			235 Hz
1326	16.38	9.40	-208	1.52	132	0.00	108.15			305 Hz
1328	Purged dry							11.5		
4/24/2023										
1030	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	1	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	1	1 Liter Amber	Ice	8082	Emax
4/24/2023	1	500 mL Amber	Ice	8151	Emax
4/24/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW55**

Client: USACE (W912PP19F0001) Date: 4/20/2023

Project # Eco-18-1237 Sampling Personnel: WM, OA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 51.59

Purging Method: Grundfos / Submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 121 Screen Interval (ft): 101 to 121

Purging Date: 4/20/2023 Water Column (ft): 69.41 Midscreen (ft): 111

Sampling Date: 4/21/2023 Recommended Pump Settings: 180 - 300 Hz

Purged Dry: Yes Field Pump Settings: 180 - 280 Hz

Initial DO Reading:

Color of water: Clear to light brown	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW55042023 Time 0830	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1110	Start purging						51.59		0.65	180 Hz
1115	18.78	8.00	174	2.68	142	6.70	70.50			
1120	14.33	7.84	173	2.59	152	2.59	75.60			
1125	14.84	7.81	179	2.58	40.8	6.07	89.40			
1130	15.90	7.84	185	2.57	29.0	6.23	94.50			220 Hz
1135	15.72	7.84	188	2.57	27.5	7.93	100.20			
1140	15.84	7.86	187	2.57	242	1.87	106.21			270 Hz
1144	Purged dry							22.5		280 Hz
4/21/2023										
0830	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/21/2023	1	1 Liter Amber	Ice	8270	Emax
4/21/2023	1	1 Liter Amber	Ice	8081	Emax
4/21/2023	1	1 Liter Amber	Ice	8082	Emax
4/21/2023	1	500 mL Amber	Ice	8151	Emax
4/21/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/21/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/21/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments:

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW57**

Client: USACE (W912PP19F0001) Date: 4/23/2023

Project # Eco-18-1237 Sampling Personnel: EO, CH, GP

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 66.94

Purging Method: Grundfos / Submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 73 Screen Interval (ft): 60 to 70

Purging Date: 4/23/2023 Water Column (ft): 6.06 Midscreen (ft): 65

Sampling Date: 4/24/2023 Recommended Pump Settings: 200 Hz

Purged Dry: Yes Field Pump Settings: 180 - 185 Hz

Initial DO Reading:

Color of water: Clear to brown Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW57042023	Time 0920	ID# —	Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1025	Start purging						66.94		0.4	180 Hz
1026	14.57	8.48	18	2.46	219	2.84	68.65			
1028	14.40	8.35	32	2.29	177	4.98	70.00			185 Hz
1030	Purged dry							2		
4/24/2023										
0920	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	1	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	1	1 Liter Amber	Ice	8082	Emax
4/24/2023	1	500 mL Amber	Ice	8151	Emax
4/24/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW58**

Client: USACE (W912PP19F0001) Date: 4/16/2023

Project # Eco-18-1237 Sampling Personnel: OA, CH

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 40.09

Purging Method: Reclaimer pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 188 Screen Interval (ft): 145 to 185

Purging Date: 4/16/2023 Water Column (ft): 147.91 Midscreen (ft): 165

Sampling Date: 4/17/2023 Recommended Pump Settings: 100 - 130 psi

Purged Dry: Yes Field Pump Settings: 100 - 110 psi / 20 sec fill, 45 sec discharge

Initial DO Reading:

Color of water: Clear to light brown	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW58042023 Time 0930	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1310	Start purging						40.09		0.5	100 psi
1320	14.60	7.60	-151	3.19	192	0.73	69.00			
1330	14.51	7.52	-134	2.80	128	0.02	89.00			
1340	14.72	7.49	-116	2.69	121	0.09	112.50			
1350	14.47	7.46	-121	2.63	136	0.00	134.50			
1400	14.46	7.53	-121	2.62	103	0.00	149.00			
1410	14.85	7.49	-93	2.61	75.4	0.00	156.00			
1420	14.93	7.43	-86	2.63	467	0.00	175.50			
1430	Purged dry							40		
4/19/2023										
0930	Collect sample									
4/23/2023										
1100	Start purging						36.95		0.57	
1110	14.60	7.87	232	3.13	75.5	4.62	77.30			
1130	14.20	8.07	45	2.69	182	0.14	121.20			
1150	13.69	8.07	18	2.65	251	2.50	146.00			
1210	Purged dry							40		
4/24/2023										
1045	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/17/2023	3	40 mL VOA	HCl	8260	Emax
4/17/2023	1	250 mL Amber	Ice	8330	Emax
4/17/2023	1	250 mL Poly	Ice	9056	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/17/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/17/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/17/2023	1	1 Liter Amber	Ice	8270	Emax
4/17/2023	1	1 Liter Amber	Ice	8081	Emax
4/17/2023	1	1 Liter Amber	Ice	8082	Emax
4/17/2023	1	500 mL Amber	Ice	8151	Emax
4/17/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/17/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/17/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Comments: Well repurged/resampled for anions on 4/23 and 4/24 .

Well Cap and Casing condition

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW59**

Client: USACE (W912PP19F0001) Date: 4/23/2023

Project # Eco-18-1237 Sampling Personnel: WM, GN

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 49.20

Purging Method: Grundfos / submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 64 Screen Interval (ft): 42 to 62

Purging Date: 4/23/2023 Water Column (ft): 14.47 Midscreen (ft): 52

Sampling Date: 4/24/2023 Recommended Pump Settings: 180 - Maximum Hz

Purged Dry: Yes Field Pump Settings: 160 - Maximum Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW59042023	Time 0940	ID# —	Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1233	Start purging						49.20		0.4	160 Hz
1236	17.62	8.91	17	3.18	70.4	1.65	53.80			
1239	16.66	8.74	34	3.31	86.4	0.30	59.40			
1242	15.77	8.71	38	3.32	153	0.70	62.00			
1243	Purged dry							4		
4/24/2023										
0940	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	2	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	1	1 Liter Amber	Ice	8082	Emax
4/24/2023	1	500 mL Amber	Ice	8151	Emax
4/24/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/24/2023	1	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments: Not enough water in well to fill 2-1L ambers.

Good

Split anions sample collected and sent to Eurofins lab.

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

		Well ID:	**TMW61**
Client:	USACE (W912PP19F0001)	Date:	4/23/2023
Project #	Eco-18-1237	Sampling Personnel: EO, CH, GP	
Location: Wingate Army Depot		Casing Diameter: 2"	Initial Depth-to-Water (ft): 44.28
Purging Method:	Grundfos / submersible pump		
Monitoring Equipment: Horiba U-52		Well Depth (ft): 62	Screen Interval (ft): 41 to 61
Purging Date:	4/23/2023	Water Column (ft): 17.72	Midscreen (ft): 51
Sampling Date:	4/24/2023	Recommended Pump Settings: 160 - 170 Hz	
Purged Dry:	Yes	Field Pump Settings: 160 - 180 Hz	
Initial DO Reading:			

Color of water: Clear to light brown	Odor: None	
Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW61042023 Time 1010	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1054	Start purging						44.28		0.45	160 Hz
1055	15.06	8.43	115	6.32	498	2.41	46.95			
1058	14.72	8.37	112	6.47	235	5.19	50.95			
1101	15.27	8.35	114	6.67	490	2.18	52.73			180 Hz
1104	15.34	8.35	111	6.71	406	0.00	60.05			
1105	Purged dry							5		
4/24/2023										
1010	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/24/2023	3	40 mL VOA	HCl	8260	Emax
4/24/2023	1	250 mL Amber	Ice	8330	Emax
4/24/2023	1	250 mL Poly	Ice	9056	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/24/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/24/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/24/2023	1	1 Liter Amber	Ice	8270	Emax
4/24/2023	1	1 Liter Amber	Ice	8081	Emax
4/24/2023	1	1 Liter Amber	Ice	8082	Emax
4/24/2023	1	500 mL Amber	Ice	8151	Emax
4/24/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/24/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/24/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern	**Well Cap and Casing condition**
Comments:	Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW62**

Client: USACE (W912PP19F0001) Date: 4/20/2023

Project # Eco-18-1237 Sampling Personnel: WM, OA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 50.70

Purging Method: Grundfos / Submersible Pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 64 Screen Interval (ft): 40 to 60

Purging Date: 4/20/2023 Water Column (ft): 13.30 Midscreen (ft): 50

Sampling Date: 4/21/2023 Recommended Pump Settings: 155 - 185 Hz

Purged Dry: Yes Field Pump Settings: 170 - 175 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW62042023 Time 0935	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1305	Start purging						50.70		0.6	170 Hz
1308	16.60	7.70	184	3.00	464	2.37	59.40			175 Hz
1311	16.07	7.32	196	3.05	218	0.79	61.20			
1314	15.47	7.29	194	3.16	180	1.03	62.10			
1315	Purged dry							6		
4/21/2023										
0935	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/21/2023	3	40 mL VOA	HCl	8260	Emax
4/21/2023	1	250 mL Amber	Ice	8330	Emax
4/21/2023	1	250 mL Poly	Ice	9056	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/21/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/21/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/21/2023	1	1 Liter Amber	Ice	8270	Emax
4/21/2023	1	1 Liter Amber	Ice	8081	Emax
4/21/2023	1	1 Liter Amber	Ice	8082	Emax
4/21/2023	1	500 mL Amber	Ice	8151	Emax
4/21/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/21/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/21/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Good

Comments:

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW63**

Client: USACE (W912PP19F0001) Date: 4/19/2023

Project # Eco-18-1237 Sampling Personnel: WM, OA

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 34.91

Purging Method: Reclaimer pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 180 Screen Interval (ft): 140 to 180

Purging Date: 4/19/2023 Water Column (ft): 145.09 Midscreen (ft): 160

Sampling Date: 4/19/2023 Recommended Pump Settings: 100 - 130 psi

Purged Dry: No Field Pump Settings: 100 psi / 30 sec fill, 45 sec discharge

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample		Duplicate Sample		MS/ MSD
ID# TMW63042023	Time 1300	ID# —	Time —	Yes

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
0800	Start purging						34.91		0.7	
0830	12.54	7.23	-140	2.95	48.1	4.54	80.50			
0900	11.81	7.63	-119	2.94	29.5	6.01	88.00			
0930	11.73	7.73	-113	2.97	24.1	0.41	93.70			
1000	11.88	7.79	-77	2.94	34.1	1.03	99.00			
1030	12.45	7.82	-52	2.93	29.2	0.16	99.00			changed tanks
1100	13.22	7.84	-65	2.95	32.0	0.74	104.00			
1130	13.56	7.86	-76	2.92	23.1	1.45	106.00			
1200	13.90	7.90	-69	2.91	33.5	0.44	107.40			
1300	Finshed purging							210		
1300	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/19/2023	9	40 mL VOA	HCl	8260	Emax
4/19/2023	3	250 mL Amber	Ice	8330	Emax
4/19/2023	3	250 mL Poly	Ice	9056	Emax
4/19/2023	3	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/19/2023	3	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/19/2023	3	60 mL Poly	Ice	6850 / 6860	Emax
4/19/2023	3	1 Liter Amber	Ice	8270	Emax
4/19/2023	3	1 Liter Amber	Ice	8081	Emax
4/19/2023	3	1 Liter Amber	Ice	8082	Emax
4/19/2023	3	500 mL Amber	Ice	8151	Emax
4/19/2023	9	40 mL VOA	HCl	8015B GRO	Emax
4/19/2023	3	1 Liter Amber	Ice	8015B DRO	Emax
4/19/2023	6	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

Groundwater Sampling Field Data Sheet

Fort Wingate Depot Activity

Well ID: **TMW64**

Client: USACE (W912PP19F0001) Date: 4/26/2023

Project # Eco-18-1237 Sampling Personnel: GN, RS, WM

Location: Wingate Army Depot Casing Diameter: 2" Initial Depth-to-Water (ft): 39.93

Purging Method: Grundfos / Submersible pump

Monitoring Equipment: Horiba U-52 Well Depth (ft): 104 Screen Interval (ft): 80 to 100

Purging Date: 4/26/2023 Water Column (ft): 64.07 Midscreen (ft): 90

Sampling Date: 4/26/2023 Recommended Pump Settings: 170 - 250 Hz

Purged Dry: No Field Pump Settings: 180 - 280 Hz

Initial DO Reading:

Color of water: Clear Odor: None

Original Sample	**Duplicate Sample**	**MS/ MSD**
ID# TMW64042023 Time 1120	ID# — Time —	No

Time (hhmm)	Temp (C)	pH (units)	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Depth to water (ft)	Total Purged (gal)	Purge Rate (gal/m)	Comments
1015	Start purging						39.93		1	180 Hz
1025	13.39	7.94	-108	3.03	36.9	0.22	62.65			
1035	13.83	8.51	-122	2.84	26.1	2.75	65.52			
1045	14.16	8.66	-117	2.81	15.3	2.24	69.20			245 Hz
1055	14.21	8.90	-102	2.75	58.9	6.98	75.00			
1105	14.24	8.85	-108	2.72	36.0	0.00	81.95			280 Hz
1115	14.80	8.92	-119	2.74	0.0	6.65	89.05	70		
1120	Collect sample									

Sample Date	Number of Containers	Sample Containers (Volume, Type, No.)	Preservatives (Ice, Acids, Bases)	Analytical Method	Laboratory
4/26/2023	3	40 mL VOA	HCl	8260	Emax
4/26/2023	1	250 mL Amber	Ice	8330	Emax
4/26/2023	1	250 mL Poly	Ice	9056	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Dis)	Emax
4/26/2023	1	250 mL Poly	HNO3	604/6020/7470 (Tot)	Emax
4/26/2023	1	60 mL Poly	Ice	6850 / 6860	Emax
4/26/2023	1	1 Liter Amber	Ice	8270	Emax
4/26/2023	1	1 Liter Amber	Ice	8081	Emax
4/26/2023	1	1 Liter Amber	Ice	8082	Emax
4/26/2023	1	500 mL Amber	Ice	8151	Emax
4/26/2023	3	40 mL VOA	HCl	8015B GRO	Emax
4/26/2023	1	1 Liter Amber	Ice	8015B DRO	Emax
4/26/2023	2	1 Liter Amber	Ice	Spare	Emax

Discharge Water: Evaporation Cistern

Well Cap and Casing condition

Comments:

Good

APPENDIX C

CHAIN-OF-CUSTODY FORMS

CHAIN OF CUSTODY

Cooler 001

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	OA, CH	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
92	TMW58042023	4/17/23	0930	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4-17-23	1500		FedEx	4-17-23	1500	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 001

CHAIN OF CUSTODY

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Tustin, CA 92780

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POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
30	MW32042023	4/17/23	0745	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Level 3

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fankhauser	4/17/23	1520		FedEx	4/17/23	1500	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 001

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com
Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	OA, CH

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
4	BGMW07042023	4/17/23	0740	3 + 1	250 mL Poly	Water

Analysis Requested

Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
X	X	X	X	X	X	X

Preservative Code

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

→ MS/MSD

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/17/23	1500		FedEx	4/17/23	1520	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 001

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POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	WM, EO

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
53	TMW18042023	4/17/23	0915	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mariner	4/17/23	1500		FedEx	4-17-23	1500	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 001

CHAIN OF CUSTODY

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Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, WM

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
69	TMW36042023	4/17/23	1130	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Edwin Ordaz	4/17/23	1500		FEDEX	4/17/23	1500	FEDEX

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 001

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, GF

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
5	BGMW08042023	4/17/23	0910	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fairbanks	4/17/23	1560		FedEx	4/17/23	1500	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 001

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
6	BGMW09042023D	4/17/23	1040	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fankerson	4/17/23	1520		FedEx	4/17/23	1520	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 001

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
6	BGMW09042023	4/17/23	1025	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Samantha Pinkston	4/17/23	1500		FedEx	4/17/23	1503	FEDEX

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 001

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com
Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	G.N. G.P	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
9	BGMW12042023	4/17/23	1250	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pinkerton	4/17/23	1520		FedEx	4/17/23	1500	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

CHAIN OF CUSTODY

cooler 002

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	NA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC17042023TB ~~01~~	4/17/2023	800	6	40 mL VOA	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC	X											
HN												
HN												

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Self	4-18-23	1550		Courier	4-18-23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 002, 003, 004

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	G.N, G.P
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
90	MW32042023	4/17/23	0745	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/17/23	0745	21*	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Contente	4/18/23	1500		Courier	4/18/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6650/6660	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Level 3

Cooler 003
Cooler 002
Cooler 004
↓
Cooler 004
Cooler 003
↓
Cooler 003

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

only 1 spare available

Cooler 002
Cooler 004

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
33	TMW16042023	4/17/23	0750	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		4/17/23	1750	1	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
									X			
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 002
Cooler 004
Cooler 004

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Edwin Davies	4/17/23	1830		Courier	4/17/23	1830	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 002, 005, 006, 007, 008

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	OA, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
4	BGMW07042023	4/17/23	0740	3	40 mL VOA	Water
		"	"	1	60 mL Poly	Water
		"	"	1	250 mL Amber	Water
		"	"	1	500 mL Amber	Water
		"	"	1	250 mL Poly	Water
		"	"	1	250 mL Poly	Water
		"	"	1	1 L Amber	Water
		"	"	1	1 L Amber	Water
		↓	↓	1	1 L Amber	Water
		4/17/23	0740	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:
○ Rush ___ hrs
⊗ Std ___ days

Cooler
MS/MSD 002
007
008
007
008
005
006
006
↓ 007
005

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
A. Hernandez	4/18/23	1500		Courier	4/18/23	1530	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Coolers 002, 008, 009

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GA, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
73	TMW58042023	4/17/23	0930	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		↓	↓	1	1 L Amber	Water
		4/17/23	0930	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

3 cooler 002

4 cooler 008

cooler 009

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4-18-23	1500		Courier	4-18-23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 002, 010

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Preservative Code[1]	Comments
35	TMW18042023	4/17/23	0915	3	40 mL VOA	Water	X												HC	
				1	60 mL Poly	Water			X										HC	
				1	250 mL Amber	Water				X										Cooler 002
				1	250 mL Poly	Water						X							HN	
				1	250 mL Poly	Water							X						HN	
				1	1 L Amber	Water									X					Cooler 010
		4/17/23	0915	1	1 L Amber	Water											X			

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/18/23	1500	Wesley Martinez	Courier	4-18-23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

TAT*:
- O Rush ___ hrs
- ⊗ Std ___ days

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 002, 011

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info		
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman	
Project Name	USACE Wingate	Email	jockerman@ecoinc.info	
Project No	Eco-18-1237	Phone	(714) 289-0995	
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info	(Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, WM	
	McKinley County, NM			

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
53	TMW36042023	4/17/23	1130	3	40 mL VOA	Water	HC	X												Cooler 002
				1	60 mL Poly	Water	HC		X											Cooler 011
				1	250 mL Amber	Water				X										
				1	250 mL Poly	Water					X		HN							
				1	250 mL Poly	Water							HN	X						
				1	1 L Amber	Water									X					
				1	1 L Amber	Water										X				
		4/17/23	1130	2	1 L Amber	Water												X		Cooler 001

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Edwin Cortes	4/18/23	15:00		Courier	4/18/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

TAT*:
O Rush ___ hrs
⊗ Std ___ days

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 002, 010, 012

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
36	TMW19042023	4/17/23	1015	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		4/17/23	1015	1	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
HC	X												Cooler 002
HC			X										Cooler 012
				X									/
						X							/
HN							X						Cooler 012
HN									X				Cooler 010
												X	Cooler 010

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Eduardo Ochoa	4/18/23	1500		Courier	4/18/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 002, 012, 013

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
							Preservative Code[1]												
							HC	HC				HN	HN						
5	BGMW08042023	4/17/23	0910	3	40 mL VOA	Water	X												Cooler 002
				1	60 mL Poly	Water			X										Cooler 012
				1	250 mL Amber	Water				X									↓
				1	500 mL Amber	Water					X								Cooler 012
				1	250 mL Poly	Water						X							Cooler 013
				1	250 mL Poly	Water							X						↓
				1	1 L Amber	Water								X					Cooler 013
				1	1 L Amber	Water									X				
		↓	↓	1	1 L Amber	Water										X			
		4/17/23	0910	2	1 L Amber	Water											X		

TAT*: O Rush ___ hrs ⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fruhwirth	4/18/23	1500		Courier	4/18/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 002, 012, 014

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Preservative Code[1]	Analysis Requested: EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
6	BGMW09042023D	4/17/23	1040	3	40 mL VOA	Water	HC	X											
				1	60 mL Poly	Water	HC		X										
				1	250 mL Amber	Water				X									
				1	500 mL Amber	Water					X								
				1	250 mL Poly	Water						X							
				1	250 mL Poly	Water							X						
				1	1 L Amber	Water								X					
				1	1 L Amber	Water									X				
				1	1 L Amber	Water										X			
		4/17/23	1040	2	1 L Amber	Water	HN										X		
							HN											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 002
Cooler 014

Cooler 014
Cooler 012

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Perlstein	4/18/23	1500		Courier	4/18/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 002, 015, 016

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
							Preservative Code[1]											
							HC	HC				HN	HN					
6	BGMW09042023	4/17/23	10:15	3	40 mL VOA	Water	X											
				1	60 mL Poly	Water			X									
				1	250 mL Amber	Water				X								
				1	500 mL Amber	Water					X							
				1	250 mL Poly	Water						X						
				1	250 mL Poly	Water							X					
				1	1 L Amber	Water								X				
				1	1 L Amber	Water									X			
				1	1 L Amber	Water										X		
		4/17/23	10:35	2	1 L Amber	Water											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 002
Cooler 015
Cooler 015
Cooler 016

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Funkhouser	4/18/23	1500		Courier	4/18/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time.

Cooler 002, 016, 017

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info		
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman	
Project Name	USACE Wingate	Email	jockerman@ecoinc.info	
Project No	Eco-18-1237	Phone	(714) 289-0995	
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info	(Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, tsl	
	McKinley County, NM			

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
##	BGMW12042023	4/17/23	1350	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/17/23	1350	2	1 L Amber	Water

Analysis Requested	Preservative Code[1]	Comments
EPA 8260	HC	TAT*:
EPA 8015B GRO	HC	O Rush ___ hrs
EPA 6850/6860		⊗ Std ___ days
EPA 8330		
EPA 8151		
EPA 6010/6020/7470 (Dis)	HN	
EPA 6010/6020/7470 (Tot)	HN	
EPA 8081		
EPA 8270		
EPA 8015B DRO		
EPA 8082		
Spare		
		Cooler 002
		Cooler 002
		Cooler 017
		Cooler 017
		Cooler 016**

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankratz	4/18/23	1520		Courier	4/18/23	1520	Courier

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler CI8

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, CH	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
70	TMW37042023	4/13/23	0730	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
E. Hernandez	4/18/23	1530		Courier	4/18/23	1530	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 08

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	WM, OA	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
3	BGMW03042023	4/18/23	0710	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

LEVEL 3

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/18/23	1520	Wesley Martinez	Courier	4/18/23	1520	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 018

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, LP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
7	BGMW10042023D	4/18/23	0750	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fontenot	4/18/23	1520		Courier	4/18/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 018

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
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Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN.GF	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
7	BGMW10042023	4/13/23	0740	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Sinkovitz	4/18/23	1530	[signature]	Courier	4/18/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 018

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	WM, CA	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
80	TMW46042023	4/18/23	0900	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/18/23	1501	Wesley Martinez	Courier	4/18/23	1520	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 018

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EJ, CH	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
22	MW24042023	4/18/23	0935	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/18/23	1500		Courier	4/18/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 018

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CH, JO
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 9056 Preservative Code¹
1	QC18042023EB01	4/18/2023	1400	1	250 mL Poly	Water	X

Analysis Requested

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Jeff Ockerman	4-18-23	1500		Courier	4-18-23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 018

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
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Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	WM, OA	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Preservative Code
78	TMW44042023	4/18/23	0810	1	250 mL Poly	Water	X	X	X	X	X	X	X	

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Morrison	4/18/23	1500	Wesley Morrison	Courier	4/18/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 018

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
26	MW28042023	4/18/23	1110	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankratz	4/18/23	1500		Courier	4/18/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 018

CHAIN OF CUSTODY

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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
14	MW01042023	4/18/23	0956	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pentecost	4/18/23	1520		Courier	4/18/23	1520	Courier

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 018

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
15	MW02042023	4/18/23	0910	1	250 mL Poly	Water

Analysis Requested								Comments
Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate		TAT*: ☐ Rush ___ hrs ☒ Std ___ days
Preservative Code								
X	X	X	X	X	X	X		May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankratz	4/18/23	1500		Courier	4/18/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 018

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, CH

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
2	BGMW02042023	4/18/23	1110	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/18/23	1500		Courier	4/18/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 018

CHAIN OF CUSTODY

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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Preservative Code	Comments
1	BGMW01042023	4/18/23	1300	1	250 mL Poly	Water	X	X	X	X	X	X	X		May have short hold time.

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/18/23	1500		Courier	4/18/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 019, 020

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
54	TMW37042023	4/13/23	0730	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		↓	↓	1	1 L Amber	Water
		4/14/23	0730	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
											X	

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 019
Cooler 020
↓
Cooler 020

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/18/23	1510		Courier	4/18/23	1510	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 019

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	NA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC18042023TB 02	4/18/2023	800	6	40 mL VOA	Water

Analysis Requested

Preservative Code[1]	HC	HC				HN	HN											
EPA 8260	X	X																
EPA 8015B GRO																		
EPA 6850/6860																		
EPA 8330																		
EPA 8151																		
EPA 6010/6020/7470 (Dis)																		
EPA 6010/6020/7470 (Tot)																		
EPA 8081																		
EPA 8270																		
EPA 8015B DRO																		
EPA 8082																		
Spare																		

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
JHarKeam	4/18/23	1530	JHarKeam	Courier	4/18/23	1500	Courier

NOTES:

1) HN=HNO3, HC=HCl
2) N0C - Number of Containers
3) S0C - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 019, 021

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	WM, DA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
3	BGMW03042023	4/18/23	0720	3	40 mL VOA	Water	HC	X											
				1	60 mL Poly	Water	HC			X									
				1	250 mL Amber	Water					X								
				1	250 mL Poly	Water	HN						X						
				1	250 mL Poly	Water	HN							X					
				1	1 L Amber	Water									X				
				1	1 L Amber	Water										X			
		4/18/23	0720	2	1 L Amber	Water											X		

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

LEVEL 3

Cooler 019

Cooler 021

Cooler 071

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mortimer	4/18/23	1500	Wesley Mortimer	Courier	4/18/23	1500	Courier

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 019, 016, 022

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	G.N. GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
							Preservative Code[1]												TAT*:
							HC	HC				HN	HN						O Rush ___ hrs
																			⊗ Std ___ days
7	BGMW10042023D	4/18/23	0755	3	40 mL VOA	Water	X												Cooler 019
				1	60 mL Poly	Water			X										Cooler 022
				1	250 mL Amber	Water				X									
				1	500 mL Amber	Water					X								
				1	250 mL Poly	Water						X							
				1	250 mL Poly	Water							X						
				1	1 L Amber	Water								X					
				1	1 L Amber	Water									X				
		↓	↓	1	1 L Amber	Water										X			Cooler 022
		4/18/23	0750	2	1 L Amber	Water											X		Cooler 016

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pumkrata	4/18/23	1500		Courier	4/18/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 019, 023, 024

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN. GF
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
							Preservative Code[1]												
							HC	HC				HN	HN						
7	BGMW10042023	4/18/23	0740	3	40 mL VOA	Water	X												TAT*: O Rush ___ hrs ⊗ Std ___ days
				1	60 mL Poly	Water			X										Cooler 019
				1	250 mL Amber	Water				X									Cooler 023
				1	500 mL Amber	Water					X								
				1	250 mL Poly	Water						X							
				1	250 mL Poly	Water							X						
				1	1 L Amber	Water								X					
				1	1 L Amber	Water									X				
		↓	↓	1	1 L Amber	Water										X			Cooler 023
		4/18/23	0740	2	1 L Amber	Water											X		Cooler 024

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fontenot	4/18/23	1510		Courier	4/18/23	1510	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 019, 025, 024

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Project Info		Company Contact Info	
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Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	WM, OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
64	TMW46042023	4/18/23	0900	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/18/23	0900	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mathews	4/18/23	1530	Wesley Mathews	Courier	4/18/23	1530	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 019
Cooler 019
Cooler 025
Cooler 025
Cooler 024

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 019, 026

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
19	MW24042023	4/13/23	0900	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/13/23	0900	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 019
Cooler 026
↓
Cooler 026

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/18/23	1510		Courier	4/18/23	1510	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Coolers 019, 024, 027

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CH, JO
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC18042023EB ci	4/18/2023	1400	3	40 mL VOA	Water
		4/18/2023	1400	3	40 mL VOA	Water
		4/18/2023	1400	1	60 mL Poly	Water
		4/18/2023	1400	1	250 mL Amber	Water
		4/18/2023	1400	1	500 mL Amber	Water
		4/18/2023	1400	1	250 mL Poly	Water
		4/18/2023	1400	1	250 mL Poly	Water
		4/18/2023	1400	1	1 L Amber	Water
		4/18/2023	1400	1	1 L Amber	Water
		4/18/2023	1400	1	1 L Amber	Water
		4/18/2023	1400	1	1 L Amber	Water
		4/18/2023	1400	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Jeff Ockerman	4-18-23	1500		Courier	4-18-23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code¹	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 019
Cooler 019
Cooler 027
Cooler 027
Cooler 024

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 019, 028

CHAIN OF CUSTODY

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Project Info		Company Contact Info	
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Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	WM, OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Preservative Code[1]	Comments
62	TMW44042023	4/18/23	0810	3	40 mL VOA	Water													HC	Cooler 019
				1	60 mL Poly	Water			X										HC	Cooler 028
				1	250 mL Amber	Water				X										
				1	250 mL Poly	Water						X							HN	
				1	250 mL Poly	Water							X						HN	
				1	1 L Amber	Water								X						
				1	1 L Amber	Water									X					
		4/18/23	0810	2	1 L Amber	Water											X			Cooler 028

TAT*: O Rush ___ hrs ⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/18/23	1500	Wesley Martinez	Courier	4/19/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 019, 029, 030

CHAIN OF CUSTODY

Eco & Associates, Inc.
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POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
86	MW28042023	4/13/23	1110	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/13/23	1110	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pinkard	4/13/23	1500		Courier	4/13/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:
○ Rush ___ hrs
⊗ Std ___ days

Cooler 029
Cooler 019
Cooler 029
Cooler 029
Cooler 030

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 019, 031

CHAIN OF CUSTODY

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Lab Info	
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
							Preservative Code[1]												
							HC	HC				HN	HN						
10	MW01042023	4/18/23	0955	3	40 mL VOA	Water	X												Cooler 019
				3	40 mL VOA	Water		X											Cooler 019
				1	60 mL Poly	Water			X										Cooler 031
				1	250 mL Amber	Water				X									
				1	250 mL Poly	Water						X							
				1	250 mL Poly	Water							X						
				1	1 L Amber	Water								X					
				1	1 L Amber	Water										X			
		4/18/23	0955	2	1 L Amber	Water											X		Cooler 031

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankratz	4/18/23	1502		Courier	4/18/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

TAT*:
- O Rush ___ hrs
- ⊗ Std ___ days

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 019, 032

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, GP
	McKinley County, NM		

Comments: TAT*: ○ Rush ___ hrs ⊗ Std ___ days

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Preservative Code[1]	Comments
							HC	HC				HN	HN							
11	MW02042023	4/18/23	0910	3	40 mL VOA	Water	X													Cooler 019
				3	40 mL VOA	Water		X												Cooler 019
				1	60 mL Poly	Water			X											Cooler 032
				1	250 mL Amber	Water				X										
				1	250 mL Poly	Water						X								
				1	250 mL Poly	Water							X							
				1	1 L Amber	Water								X						
				1	1 L Amber	Water										X				
		4/18/23	0910	~~2~~ 1	1 L Amber	Water												X		Cooler 032

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Gabriel Punkerate	4/18/23	1500		Courier	4/18/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

1 Spare - partially filled with enough water

Cooler 019, 032

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
							Preservative Code[1]											
							HC	HC				HN	HN					
2	BGMW02042023	4/18/23	1110	3	40 mL VOA	Water	X											
				1	60 mL Poly	Water			X									
				1	250 mL Amber	Water				X								
				1	250 mL Poly	Water						X						
				1	250 mL Poly	Water							X					
				1	1 L Amber	Water								X				
				1	1 L Amber	Water									X			
		4/19/23	1110	2	1 L Amber	Water											X	

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 019
Cooler 032
Cooler 032

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/18/23	1520		Courier	4/18/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 019, 034

CHAIN OF CUSTODY

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18231 Irvine Blvd., Suite 204
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Preservative Code[1]	Comments
1	BGMW01042023	4/18/23	1305	3	40 mL VOA	Water	HC	Cooler 019
		↓	↓	1	60 mL Poly	Water	HC	Cooler 034
				1	250 mL Amber	Water		
				1	250 mL Poly	Water	HN	
				1	250 mL Poly	Water	HN	
				1	1 L Amber	Water		
				1	1 L Amber	Water		
		4/18/23	1305	2	1 L Amber	Water		

Analysis Requested: EPA 8260; EPA 8015B GRO; EPA 6850/6860; EPA 8330; EPA 8151; EPA 6010/6020/7470 (Dis); EPA 6010/6020/7470 (Tot); EPA 8081; EPA 8270; EPA 8015B DRO; EPA 8082; Spare

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/18/23	1508		Courier	4/18/23	1508	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 035

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	WM, OA	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Preservative Code	Comments
97	TMW63042023	4/19/23	1300	13	250 mL Poly	Water	X	X	X	X	X	X	X		MS/MSD
															May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/19/23	1500	Wesley Martinez	Courier	4-19-23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 035

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
8	BGMW11042023	4/19/23	1220	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pentecost	4/19/23	1500		Courier	4/19/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 035

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, CH	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
59	TMW26042023	4/19/23	0910	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/19/23	1571		Courier	4/19/23	1580	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 035

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN. GF	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
84	TMW50042023	4/19/23	0840	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Level 3

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fankhauser	4/19/23	1500	[signature]	Courier	4/19/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 035

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
62	TMW30042023	4/19/23	0800	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Parkerson	4/19/23	1500		Courier	4/19/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 035

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	G.N. GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	Preservative Code												
64	TMW31S042023	4/19/23	1010	1	250 mL Poly	Water	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Emmett Fluitt	4/19/23	1512		Courier	4/19/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 035

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, CH	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
39	SMW01042023	4/19/23	0905	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/19/23	1520		Courier	4/19/23	1520	Courier

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

cooler 035

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CH, JO
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: EPA 9056	Preservative Code[1]	Comments
1	QC19042023EB2	4/19/2023	1400	1	250 mL Poly	Water	X		

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/19/23	1500		Courier	4/19/23	1500	Courier

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 035

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, CH	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
					Preservative Code									TAT*: ☐ Rush ___ hrs ☒ Std ___ days
39	SMW01042023D	4/19/23	0905	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/19/23	1500		Courier	4/19/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 035

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, CH	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
46	TMW08042023	4/19/23	1330	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/19/23	1500		Courier	4/19/23	1500	Courier

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler C36

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	NA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC19042023TB 03	4/19/2023	800	6	40 mL VOA	Water

Analysis Requested	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
Preservative Code[1]	HC	HC				HN	HN					
	X	X										

Comments
TAT*:
O Rush ___ hrs
⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Richard Beauvil	4/19/23	1515		Courier	4/19/23	1552	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 036, 037, 038

Eco & Associates, Inc.
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Lab Info	
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POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, GF
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
68	TMW50042023	4/19/23	0840	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/19/23	0840	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Cornell Environmental	4/19/23	1520		Courier	4/19/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Level 3

Cooler 036
Cooler 036
Cooler 037
Cooler 037
Cooler 038

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 036, 038

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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
43	TMW27042023	4/19/23	1020	3	40 mL VOA	Water
		↓	↓	1	60 mL Poly	Water
		↓	↓	1	250 mL Poly	Water
		4/19/23	1020	1	250 mL Poly	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
HN						X						
HN							X					

Comments

TAT*:

○ Rush ___ hrs

⊗ Std ___ days

Cooler 036
Cooler 038
↓
Cooler 038

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/19/23	1521		Courier	4/19/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 036, 039

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
46	TMW30042023	4/19/23	0800	3	40 mL VOA	Water
				1	60 ml Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/19/23	0800	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
											X	

Comments

TAT*:
- ○ Rush ___ hrs
- ⊗ Std ___ days

Cooler 036
Cooler 039
↓
Cooler 039

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Eastwood	4/19/23	1500		courier	4/19/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 036, 040

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info		
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman	
Project Name	USACE Wingate	Email	jockerman@ecoinc.info	
Project No	Eco-18-1237	Phone	(714) 289-0995	
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info	(Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, GP	
	McKinley County, NM			

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
48	TMW31S042023	4/19/23	1510	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/19/23	1010	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
												X

Comments

TAT*:

○ Rush ___ hrs

⊗ Std ___ days

Cooler 036
Cooler 040

Cooler 040

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Gramoff Consultants	4/19/23	1500		Courier	4/19/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 036, 041

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, EH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
42	TMW26042023	4/19/23	0910	3	40 mL VOA	Water
		↓	↓	1	60 mL Poly	Water
		↓	↓	1	250 mL Amber	Water
		↓	↓	1	250 mL Poly	Water
		4/19/23	0910	1	250 mL Poly	Water

Analysis Requested	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
Preservative Code[1]	HC	HC				HN	HN					
42	X											
			X									
				X								
						X						
							X					

Comments
TAT*:
O Rush ___ hrs
⊗ Std ___ days
Cooler 036
Cooler 041
↓
Cooler 041

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/19/23	1500		Courier	4/19/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 036, 041

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
20	SMW01042023	4/19/23	0900	3	40 mL VOA	Water
		↓	↓	1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		4/19/23	0900	1	1 L Amber	Water

Analysis Requested																		
	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare						
Preservative Code[1]	HC	HC				HN	HN											
SMW01042023	X																	
			X															
				X														
						X												
							X											
									X									
												X						

Comments
TAT*:
O Rush ___ hrs
⊗ Std ___ days
Cooler 036
Cooler 041
↓
Cooler 041

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/19/23	1500		Courier	4/19/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Coolers 036, 038, 042

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CH, JO
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC19042023EB2	4/19/2023	1400	3	40 mL VOA	Water
		4/19/2023	1400	3	40 mL VOA	Water
		4/19/2023	1400	1	60 mL Poly	Water
		4/19/2023	1400	1	250 mL Amber	Water
		4/19/2023	1400	1	500 mL Amber	Water
		4/19/2023	1400	1	250 mL Poly	Water
		4/19/2023	1400	1	250 mL Poly	Water
		4/19/2023	1400	1	1 L Amber	Water
		4/19/2023	1400	1	1 L Amber	Water
		4/19/2023	1400	1	1 L Amber	Water
		4/19/2023	1400	1	1 L Amber	Water
		4/19/2023	1400	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 036
Cooler 038
Cooler 042

Cooler 042
Cooler 038

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/19/23	1500		Courier	4/19/23	1500	Courier

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 036, 043

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	ED, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
							Preservative Code[1]											
							HC	HC				HN	HN					
20	SMW01042023D	4/19/23	0905	3	40 mL VOA	Water	X											
				1	60 mL Poly	Water			X									
				1	250 mL Amber	Water				X								
				1	250 mL Poly	Water						X						
				1	250 mL Poly	Water							X					
		↓	↓	1	1 L Amber	Water									X			
		4/19/23	0905	1	1 L Amber	Water											X	

Comments

TAT*:
- O Rush ___ hrs
- ⊗ Std ___ days

Cooler 036
Cooler 043
Cooler 043

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/19/23	1580		Courier	4/19/23	1580	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 036, 043, 044

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
99	BGMW11042023	7/19/23	1220	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		7/19/23	1220	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:
- ○ Rush ___ hrs
- ⊗ Std ___ days

Cooler 036
Cooler 043
Cooler 044
Cooler 044
Cooler 043

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Rinkvale	4/19/23	1520		Courier	7/19/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 036, 045

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
							Preservative Code[1]												
							HC	HC				HN	HN						
27	TMW08042023	4/19/23	1305	3	40 mL VOA	Water	X												Cooler 036
				3	40 mL VOA	Water		X											Cooler 036
				1	60 mL Poly	Water			X										cooler 045
				1	250 mL Poly	Water						X							
				1	250 mL Poly	Water							X						
				1	1 L Amber	Water								X					
				1	1 L Amber	Water										X			
		4/14/23	1330	2	1 L Amber	Water											X		Cooler 045

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/19/23	1500		Courier	4/19/23	1502	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

TAT*:
O Rush ___ hrs
⊗ Std ___ days

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 036, 046, 047, 048, 049

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	WM, OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
74	TMW63042023	4/19/23	1300	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/19/23	1300	1	1 L Amber	Water
		4/19/23	1300	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4-19-23	1500	Wesley Martinez	Courier	4-19-23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

MS/MSD

Cooler 036
Cooler 036
Cooler 046
↓
Cooler 046
Cooler 047
Cooler 047
Cooler 048
Cooler 048
Cooler 049

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com
Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
30	MW32042023	4/20/23	0723	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Gabriel Ramirez	4/20/23	1500		FedEx	4/21/23	1520	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 050

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	lockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
5	BGMW08042023	4/20/23	0740	1	250 mL Poly	Water

Analysis Requested	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
Preservative Code								
	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Lambert	4/20/23	1530		FedEx	4/24/23	1530	FedEx

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 050

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com
Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	CA, NM	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Preservative Code	Comments
							Nitrate / Nitrite / Chloride / Bromide / Flouride / Sulfate / Ortho-Phosphate	TAT*: ☐ Rush ___ hrs ☒ Std ___ days
73	TMW39S042023	4/24/23	0730	1	250 mL Poly	Water	X X X X X X X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Hayley Martinez	4/26/23	1503	Hayley Martinez	FedEx	4/27/23	150	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

CHAIN OF CUSTODY

Cooler 050

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com
Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
53	TMW18042023	4/23/23	0730	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/20/23	1500		FedEx	4/20/23	1500	FedEX

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 050

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	CO, CH

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Preservative Code
40	TMW01042023	4/20/23	0920	13	250 mL Poly	Water	X	X	X	X	X	X	X	

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

MS/MSD

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/20/23	1500		FedEx	4/21/23	1500	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 050

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, CH

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
							Preservative Code						
16	MW03042023	4/20/23	0950	1	250 mL Poly	Water	X	X	X	X	X	X	X

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Level 3

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/20/23	1500		FedEx	4/21/23	1500	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

CHAIN OF CUSTODY

Cooler 050

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com
Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EQ, CH	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
47	TMW10042023	4/20/23	1105	1	250 mL Poly	Water

Analysis Requested

Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
Preservative Code						
X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/24/23	1501		FedEx	4/24/23	1501	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 050

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
47	TMW10042023 D	4/20/23	1110	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/21/23	1500		FedEx	4/22/23	1500	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 050

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CH, JO
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: EPA 9056	Preservative Code¹	Comments
1	QC20042023EB	4/20/2023	1400	1	250 mL Poly	Water	X		

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Jeff Ockerman	4-20-23	1500		FedEx	4-20-23	1500	FedEx

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 051

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	NA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC20042023TB04	4/20/2023	800	6	40 mL VOA	Water

Analysis Requested

Preservative Code¹	HC	HC				HN	HN											
EPA 8260	X	X																

EPA 8015B GRO
EPA 6850/6860
EPA 8330
EPA 8151
EPA 6010/6020/7470 (Dis)
EPA 6010/6020/7470 (Tot)
EPA 8081
EPA 8270
EPA 8015B DRO
EPA 8082
Spare

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Jthar Keam	4/21/23	1530		Courier	4/21/23	1530	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 051, 052

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	WM, CA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
57	TMW39S042023	4/18/23	0730	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/18/23	0730	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
											X	

Comments

TAT*:
- ○ Rush ___ hrs
- ⊗ Std ___ days

Cooler 051
Cooler 052
Cooler 052

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mariner	4/21/23	1500	Wesley Mariner	Courier	4/21/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler C51, C53

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, SH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
21	TMW01042023	4/20/23	0820	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
		↓	↓	1	250 mL Poly	Water
		4/20/23	0820	1	250 mL Poly	Water

Analysis Requested

EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare

Preservative Code[1)]

HC	HC				HN	HN
X						
		X				
			X			
					X	
						X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

MS/MSD

Cooler C51

Cooler C53

↓

Cooler C3

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Holmquist	4/21/23	1500		COURIER	4/21/23	1520	COURIER

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 051, 053, 054

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	ED, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
12	MW03042023	4/20/23	0950	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		4/20/23	0950	1	1 L Amber	Water

Analysis Requested

Preservative Code[1)]

EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	HC				HN	HN					
X											
	X										
		X									
			X								
					X						
						X					
									X		
											X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Level 3

Cooler 051
Cooler 051
Cooler 054
↓
Cooler 054
Cooler 053
Cooler 053

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/21/23	1520		Courier	4/21/23	1520	Courier

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 057, 054

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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POC	Richard Beauvil
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
28	TMW10042023	4/20/23	1105	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		4/20/23	1105	1	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
HN						X						
HN							X					
										X		
											X	

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 251
Cooler 057
Cooler 054

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/20/23	1500		DHL 0124	4/21/23	1500	DHL 0115

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 057, 055

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
28	TMW10042023(1)	4/23/23	1110	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		4/23/23	1110	1	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
HN						X						
HN							X					
										X		
											X	

Comments

TAT*:
- ○ Rush ___ hrs
- ⊗ Std ___ days

Cooler 057
Cooler 057
Cooler 055
Cooler 055

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/24/23	1500		Courier	4/25/23	1521	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Coolers 057, 055, 056

Eco & Associates, Inc.
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CH, JO
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC20042023EB05	4/20/2023	1400	3	40 mL VOA	Water
		4/20/2023	1400	3	40 mL VOA	Water
		4/20/2023	1400	1	60 mL Poly	Water
		4/20/2023	1400	1	250 mL Amber	Water
		4/20/2023	1400	1	500 mL Amber	Water
		4/20/2023	1400	1	250 mL Poly	Water
		4/20/2023	1400	1	250 mL Poly	Water
		4/20/2023	1400	1	1 L Amber	Water
		4/20/2023	1400	1	1 L Amber	Water
		4/20/2023	1400	1	1 L Amber	Water
		4/20/2023	1400	1	1 L Amber	Water
		4/20/2023	1400	2	1 L Amber	Water

Analysis Requested

Preservative Code¹	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 057
Cooler 057
Cooler 056
Cooler 056
Cooler 055

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Jeff Ockerman	4-21-23	1500		Courier	4-21-23	1500	Courier

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 057

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, DF	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
27	MW29042023	4/21/23	0720	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*: ☐ Rush ___ hrs ☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Gardner	4/21/23	1500		Courier	4/21/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 057

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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POC	Richard Beauvil
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
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Sampler(s)	GN, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
55	TMW22042023	4/21/23	0855	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Parkerson	4/21/23	1540		Courier	4/21/23	1520	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 057

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
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Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	WM, CA

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
56	TMW23042023	4/21/23	0715	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/21/23	1500	Wesley Martinez	Courier	4/21/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 057

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
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Sampler(s)	WM, OA

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
76	TMW41042023	4/21/23	0830	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*: ☐ Rush ___ hrs ☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/21/23	1500	Wesley Martinez	Courier	4/21/23	1530	Courier

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 057

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

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Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
45	TMW07042023	4/21/23	0810	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Gabbert	4/21/23	1500		Courier	4/21/23	1500	Courier

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 057

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

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Sampler(s)	WM, OA

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
					Preservative Code									
89	TMW55042023	4/21/23	0830	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mariner	4/21/23	1500	Wesley Mariner	Courier	4/21/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 057

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

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Sampler(s)		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
43	TMW04042023	4/21/23	0930	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/21/23	1500	[signature]	Courier	4/21/23	1502	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

CHAIN OF CUSTODY

Cooler 057

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

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Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, CH

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
41	TMW02042023	4/21/23	0940	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/21/23	1500		Courier	4/21/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 057

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

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Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, CH

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
41	TMW02042023D	4/21/23	0945	1	250 mL Poly	Water

Analysis Requested

Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
Preservative Code						
X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/21/23	1500		Courier	4/21/23	1502	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 057

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	CA, WM	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
66	TMW33042023	4/21/23	1825	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mortimer	4-21-23	1500	Wesley Mortimer	Courier	4-21-23	1500	Courier

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 057

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	WM, JA	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
96	TMW62042023	4/21/23	0935	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4-21-23	1500	Wesley Martinez	Courier	4-21-23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 057

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
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Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN of

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Preservative Code	Comments
							Nitrate / Nitrite / Chloride / Bromide / Flouride / Sulfate / Ortho-Phosphate	TAT*: ☐ Rush ___ hrs ☒ Std ___ days
61	TMW29042023	4/21/23	0940	1	250 mL Poly	Water	X X X X X X X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Richards	4-21-23	1500		Courier	4-21-23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 057

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
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Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, CH

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
50	TMW14A042023	4/21/23	1130	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/21/23	1520		Courier	4/21/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 057

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
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Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
85	TMW51042023	4/21/23	1148	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Lankford	4/21/23	1500		Courier	4/21/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 087

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
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Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	WM, OA

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
							Preservative Code						
23	MW25042023	4/21/23	1320	1	250 mL Poly	Water	X	X	X	X	X	X	X

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Level 3

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/21/23	1500	Wesley Martinez	Courier	4/21/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 057

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
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Phone	(714) 289-0995	
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Sampler(s)	EO, CH	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
52	TMW17042023 D	4/21/23	1345	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C Hernandez	4/21/23	1520		Courier	4/21/23	1520	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 0.5?

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
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Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, CH	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
52	TMW17042023	4/21/23	1340	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/21/23	1501		Courier	4/21/23	1520	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 25.5°

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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	NA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC21042023TB ~~5~~	4/21/2023	800	6	40 mL VOA	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC	X											

Cooler 058, 059, 060

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	G.N., G.P.
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
87	MW29042023	4/21/23	0720	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		↓	↓	1	1 L Amber	Water
		4/21/23	0720	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Courier Fed Ex	4/21/23	1530		Courier	4/21/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 058
Cooler 058
Cooler 059
Cooler 059
Cooler 060

NOTES: 1 partial spare

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 058, 060

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
38	TMW22042023	4/21/23	0855	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		4/21/23	0855	1	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
									X			
											X	

Comments

TAT*:
- ○ Rush ___ hrs
- ⊗ Std ___ days

Cooler 058
Cooler 060

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Parkyn	4/21/23	1520		Courier	4/21/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 058, 061

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	WM, CA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
39	TMW23042023	4/24/23	0725	3	40 mL VOA	Water
		"	"	1	60 mL Poly	Water
		"	"	1	250 mL Amber	Water
		"	"	1	250 mL Poly	Water
		"	"	1	250 mL Poly	Water
		"	"	1	1 L Amber	Water
		4/28/23	0725	1	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
											X	

Comments

TAT*:

○ Rush ___ hrs

⊗ Std ___ days

Cooler 058
Cooler 061
Cooler 061

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley McKinney	4/27/23	1500	[signature]	Courier	4/27/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 058, 062

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	OA, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
60	TMW41042023	4/21/23	0800	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/21/23	0830	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6960	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
											X	

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 058
Cooler 062
↓
Cooler 062

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mortimer	4/21/23	1500	Wesley Mortimer	Courier	4/21/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 058, 063

CHAIN OF CUSTODY

Eco & Associates, Inc.
8231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
ompany	Eco & Associates, Inc.
oject Name	USACE Wingate
oject No	Eco-18-1237
te Name	Northern Area
te Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
6	TMW07042023	4/21/23	0830	3	40 mL VOA	Water
		↓	↓	3	40 mL VOA	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		↓	↓	1	1 L Amber	Water
		4/21/23	0816	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
						X						
							X					
									X			
										X		
												X
HN												
HN												

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 058
Cooler 058
Cooler 063
↓
↓
Cooler 063

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Jarrett Pinkerton	4/21/23	1500	[signature]	Courier	4/21/23	1503	Courier

OC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 058, 061, 064

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	OA / WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
72	TMW55042023	4/21/23	0830	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/21/23	0830	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/21/23	1500	Wesley Martinez	Courier	4/21/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					

Comments

TAT*:
- ○ Rush ___ hrs
- ⊗ Std ___ days

Cooler 058
Cooler 058
Cooler 064
Cooler 067
Cooler 061

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 058, 065

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
24	TMW04042023	4/21/23	0933	3	40 mL VOA	Water
		"	"	1	60 mL Poly	Water
		"	"	1	250 mL Amber	Water
		"	"	1	250 mL Poly	Water
		"	"	1	250 mL Poly	Water
		"	"	1	1 L Amber	Water
		4/21/23	0933	1	1 L Amber	Water

Analysis Requested	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
Preservative Code[1]	HC	HC				HN	HN					
24	X		X	X		X	X		X			X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 058
Cooler 065

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/21/23	1500		Courier	4/21/23	1503	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 058, 065

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
22	TMW02042023	4/21/23	0940	3	40 mL VOA	Water
		↓	↓	1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
		4/21/23	0940	1	250 mL Poly	Water

Analysis Requested	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
Preservative Code[1]	HC	HC				HN	HN					
	X											
			X									
				X								
						X						
							X					

Comments
TAT*:
○ Rush ___ hrs
⊗ Std ___ days
Cooler 058
Cooler 065
↓
Cooler 065

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C Hernandez	4/21/23	1520		Courier	4/21/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 058, 066

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	ED, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
22	TMW02042023 1)	4/21/23	0945	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
		4/21/23	0945	1	250 mL Poly	Water

Analysis Requested

Preservative Code 1)	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 058
Cooler 066
↓
Cooler 066

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
R. Hernandez	4/21/23	1500		Courier	4/21/23	1500	Courier

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Coolers 058, 067

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	WM, DA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Preservative Code[1]	Comments
50	TMW33042023	4/21/23	1025	3	40 mL VOA	Water	HC	TAT*: O Rush ___ hrs ⊗ Std ___ days
				3	40 mL VOA	Water	HC	cooler 058
				1	250 mL Poly	Water	HN	
				1	250 mL Poly	Water	HN	
				1	1 L Amber	Water	EPA 8270	cooler 067
				1	1 L Amber	Water	EPA 8015B DRO	
		4/21/23	1025	2	1 L Amber	Water	Spare	

Analysis Requested: EPA 8260; EPA 8015B GRO; EPA 6850/6860; EPA 8330; EPA 8151; EPA 6010/6020/7470 (Dis); EPA 6010/6020/7470 (Tot); EPA 8081; EPA 8270; EPA 8015B DRO; EPA 8082; Spare

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Whittaker	4-21-23	1500	Kelly Mackey	Courier	4-21-23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Coolers 058, 066, 068

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	WM/OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
82	TMW62042023	4/21/23	0935	3	40 mL VOA	Water
		"	"	3	40 mL VOA	Water
		"	"	1	60 mL Poly	Water
		"	"	1	250 mL Amber	Water
		"	"	1	500 mL Amber	Water
		"	"	1	250 mL Poly	Water
		"	"	1	250 mL Poly	Water
		"	"	1	1 L Amber	Water
		"	"	1	1 L Amber	Water
		"	"	1	1 L Amber	Water
		"	"	1	1 L Amber	Water
		4/21/23	0935	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

3 cooler 058
cooler 066
cooler 068

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4-21-23	1500	Wesley Martinez	Courier	4-21-23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Coolers 058, 066

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GW, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Preservative Code[1]	Comments
45	TMW29042023	4/21/23	0940	3	40 mL VOA	Water													HC	Cooler 058
		↓	↓	1	60 mL Poly	Water			X										HC	
		↓	↓	1	250 mL Amber	Water				X										
		↓	↓	1	250 mL Poly	Water						X							HN	Cooler 066
		4/21/23	0940	1	250 mL Poly	Water							X						HN	

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankratz	4-21-23	1500		Courier	4-21-23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 058, 069

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
31	TMW14A042023	4/24/23	1130	3	40 mL VOA	Water
		↓	↓	1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		4/25/23	1130	1	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC				X								
						X						
HN							X					
HN									X			
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 058
Cooler 069
↓
Cooler 069

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/24/23	1500		Courier	4/24/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 058, 069, 070

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info		
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman	
Project Name	USACE Wingate	Email	jockerman@ecoinc.info	
Project No	Eco-18-1237	Phone	(714) 289-0995	
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info	(Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	G.N. G.P	
	McKinley County, NM			

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
69	TMW51042023	4/21/23	1145	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/21/23	1145	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 058
Cooler 058
Cooler 070
Cooler 070
Cooler 069

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Funkhouser	4/21/23	1500		Courier	4/21/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 058, 071, 072

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	WM, OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
83	MW25042023	4/21/23	1320	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/21/23	1320	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/21/23	1500	Wesley Martinez	Courier	4/21/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Level 3
Cooler 058
Cooler 058
Cooler 071
Cooler 071
Cooler 072

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 058, 072

CHAIN OF CUSTODY

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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
34	TMW17042023D	4/21/23	1345	3	40 mL VOA	Water
		↓	↓	1	60 mL Poly	Water
		↓	↓	1	250 mL Poly	Water
		4/21/23	1345	1	250 mL Poly	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
						X						
HN							X					

Comments

TAT*:
- O Rush ___ hrs
- ⊗ Std ___ days

Cooler 058
Cooler 072
↓
Cooler 072

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hetherington	4/21/23	1500		Courier	4/21/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 058, 072

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EJ, CH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
34	TMW17042023	4/21/23	1340	3	40 mL VOA	Water
		↓	↓	1	60 mL Poly	Water
		↓	↓	1	250 mL Poly	Water
		4/21/23	1340	1	250 mL Poly	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
						HN						
HN							X					

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 058
Cooler 072
&
Cooler 072

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
C. Hernandez	4/21/23	1530		Courier	4/21/23	1530	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
42	TMW03042023	4/24/23	1315	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pinkerton	4/24/23	1530		FedEx	4/24/23	1530	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GW, WM	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
25	MW27042023	4/24/23	1220	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mactire	4/27/23	1520	Wesley Mactire	Courier	4/24/23	1520	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
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Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	WM, GN

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
87	TMW53042023	4/24/23	1030	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*: ☐ Rush ___ hrs ☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/24/23	1500	Wesley Martinez	FEDEX	4/25/23	1500	FEDEX

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 073

Eco & Associates, Inc.
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Lab Info	
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	VH, OA, RS

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
91	TMW57042023	4/24/23	0930	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*: ☐ Rush ___ hrs ☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valerie Hall	4/24/23	1500		FedEx	4/24/23	1500	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	VA, OA, RS

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
92	TMW58042023	4/24/23	1045	1	250 mL Poly	Water

Analysis Requested

Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
Preservative Code						
X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Michelle Ayala	4/24/23	1505		FedEx	4/24/23	1500	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 73

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	VA, DA, RS

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
					Preservative Code									TAT*: ☐ Rush ___ hrs ☒ Std ___ days
95	TMW61042023	4/24/23	1010	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valente Rafa	4/24/23	1500		FedEx	4/24/23	1500	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com
Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
							Preservative Code						
60	TMW28042023	4/24/23	0920	1 3	250 mL Poly	Water	X	X	X	X	X	X	X

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

MS/MSD

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pinkerton	4/24/23	1500		FedEx	4/24/23	1500	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CH, JO
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 9056 Preservative Code[1]	Comments
1	QC24042023EB 04	4/24/2023	1400	1	250 mL Poly	Water	X	

Analysis Requested

Comments: TAT*: ○ Rush ___ hrs ⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Jeff Ockerman	4-24-23	1500		FedEx	4-24-23	1500	FedEx

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

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Lab Info	
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Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, WM

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
35	MW36S042023	4/24/23	0755	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/24/23	1570	Wesley Martinez	FedEx	4/24/23	1570	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com
Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, GF	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
32	MW34042023	4/24/23	0725	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pawlowitz	4/24/23	1500		FedEx	4/24/23	1500	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*:
31	MW33042023	4/24	0715	1	250 mL Poly	Water	X	X	X	X	X	X	X	☐ Rush ___ hrs ☒ Std ___ days
														Level 3
														May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Calvin Ayala	4/24/23	1500		FedEx	4/24/23	1500	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	VA, RS, CA

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
24	MW26042023	4/24/23		1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valente Ali	4/24/23	1500		FedEx	4/24/23	1500	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
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Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, WM	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
34	MW36D042023	4/19/23	0720	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Meeuwsen	4/24/23	1520	Wesley Meeuwsen	FedEx	4/24/23	1520	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

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Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, WM	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
21	MW23042023	7/24/23	0830	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	7/24/23	1580	Wesley Martinez	FedEx	7/24/23	1580	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
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Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
57	TMW24042023	4/24/23	1050	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Plankenhorn	4/24/23	1500		FedEx	4/24/23	1500	FedEx

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM OA, VA, RS

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
4	BGMW07042023	4/24/23	1000	1	250 mL Poly	Water

Analysis Requested	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
Preservative Code							
	X	X	X	X	X	X	X

Comments
TAT*: ☐ Rush ___ hrs ☒ Std ___ days
May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Orange	4/24/23	1530	Orange	FedEx	4/24/23	1530	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	VA, CO, RS

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
33	MW35042023	4/24/22	1325	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valente Aguilar	4/24/22	1500		FedEx	4/24/22	1500	FedEx

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 073

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GWM, GN

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
93	TMW59042023	4/24/23	1140	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*: ☐ Rush ___ hrs ☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mortimer	4/24/23	1500	Wesley Mortimer	FedEx	4/24/23	1500	FedEx

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 073

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
42	TMW03042023D	4/24/23	1320	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankoth	4/24/23	1500		FEDEX	4/24/23	1500	FEDEX

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 074

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	NA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC24042023TB ✓	4/24/2023	800	6	40 mL VOA	Water

Analysis Requested	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
Preservative Code[1]	HC	HC				HN	HN					
1	X	X										

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
J Harkcom	4/25/23	1500		Courier	4/25/23	1500	Courier

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 074, 075, 076

Eco & Associates, Inc.
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CA, SG, LA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
91	MW33042023	4/24/23	0715	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/24/23	0715	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Courier Delta	4/25/23	1510		Courier	4/25/23	1510	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8062	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Level 3

Cooler 074
Cooler 074
Cooler 075
Cooler 075
Cooler 076

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 074, 076, 077

Eco & Associates, Inc.
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Lab Info	
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Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
92	MW34042023	4/24/23	0725	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		↓	↓	1	1 L Amber	Water
		4/24/23	0725	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankratz	4/25/23	1500		Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 074
Cooler 074
Cooler 077
↓
Cooler 077
Cooler 076

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 074, 076, 078

CHAIN OF CUSTODY

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Project Info		Company Contact Info	
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Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VA, OA, RS
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
84	MW26042023	4/24/23	750	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/24/23	0750	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
VA-Private Hauler	4/25/23	1500		Courier	4/27/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 074
Cooler 074
Cooler 078
Cooler 078
Cooler 076

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 074, 079, 080

CHAIN OF CUSTODY

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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
							Preservative Code[1]												
							HC	HC				HN	HN						
94	MW36D042023	4/24/23	0720	3	40 mL VOA	Water	X												Cooler 074
				3	40 mL VOA	Water		X											Cooler 074
				1	60 mL Poly	Water			X										Cooler 079
				1	250 mL Amber	Water				X									
				1	500 mL Amber	Water					X								
				1	250 mL Poly	Water						X							
				1	250 mL Poly	Water							X						
				1	1 L Amber	Water								X					
				1	1 L Amber	Water									X				
				1	1 L Amber	Water										X			
				1	1 L Amber	Water											X		Cooler 079
		4/24/23	0720	2	1 L Amber	Water												X	Cooler 080

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/25/23	0720	Wesley Martinez	Courier	4/25/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

TAT*:
O Rush ___ hrs
⊗ Std ___ days

CHAIN OF CUSTODY

Cooler 074, 081

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	WM, GN
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
18	MW23042023	4/24/23	0830	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/24/23	0830	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 074
Cooler 081

Cooler 081

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mariner	4/25/23	1530	Wesley Mariner	Courier	4/25/23	1530	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 074, 080, 082

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
95	MW36S042023	4/24/23	0755	3	40 mL VOA	Water
		"	"	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/24/23	0755	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mortimer	4/25/23	1520	Wesley Mortimer	Courier	4/25/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 074
Cooler 074
Cooler 082
Cooler 082
Cooler 080

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 074, 080, 083

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CH, JO
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC24042023EB 04	4/24/2023	1400	3	40 mL VOA	Water
		4/24/2023	1400	3	40 mL VOA	Water
		4/24/2023	1400	1	60 mL Poly	Water
		4/24/2023	1400	1	250 mL Amber	Water
		4/24/2023	1400	1	500 mL Amber	Water
		4/24/2023	1400	1	250 mL Poly	Water
		4/24/2023	1400	1	250 mL Poly	Water
		4/24/2023	1400	1	1 L Amber	Water
		4/24/2023	1400	1	1 L Amber	Water
		4/24/2023	1400	1	1 L Amber	Water
		4/24/2023	1400	1	1 L Amber	Water
		4/24/2023	1400	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 074
Cooler 080
Cooler 083
Cooler 083
Cooler 081

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Self-Delivered	4-25-23	1500		Courier	4-25-23	1510	Courier

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 074, 084

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	ED, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Preservative Code[1]	Comments
																			HC HC HN HN	TAT*: O Rush ___ hrs ⊠ Std ___ days
44	TMW28042023	4/24/23	0920	3	40 mL VOA	Water													X	MS/MSD
		↓	↓	1	250 mL Poly	Water													X	Cooler 074
		↓	↓	1	250 mL Poly	Water													X	Cooler 084
																				Cooler 084

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fowlerate	4/25/23	1500		Courier	4/25/23	1503	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Coolers 074, 084, 085

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VA, CA, RS
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
81	TMW61042023	4/24/23	1010	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/24	1010	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valerie Ayala							

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 074
Cooler 074
Cooler 085
Cooler 085
Cooler 084

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Coolers 074, 034, 036

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VA, RS, OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
78	TMW57042023	4/4/23	0720	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/4/23	0720	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valvynte Ayala	4/5/23	1500		Courier	4/5/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 074
Cooler 034
Cooler 036
↓
Cooler 036
Cooler 034

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 074, 087

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Preservative Code[1]	Comments
																			HC HC HN HN	
40	TMW24042023	4/24/23	1050	3	40 mL VOA	Water	X													Cooler 074
		↓	↓	1	60 mL Poly	Water			X											Cooler 087
				1	250 mL Amber	Water				X										
				1	250 mL Poly	Water						X								↓
				1	250 mL Poly	Water							X							
		↓	↓	1	1 L Amber	Water								X						
		4/24/23	1050	1	1 L Amber	Water											X			Cooler 087

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankratz	4/25/23	1500		Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

TAT*:
O Rush ___ hrs
⊗ Std ___ days

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 074, 087, 088

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
71	TMW53042023	4/24/23	1030	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/24/23	1038	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 074
Cooler 074
Cooler 088
Cooler 088
Cooler 087

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley MacHaer	4/25/23	1503	Wesley MacHaer	Courier	4/25/23	1503	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 074, 089, 090

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
85	MW27042023	4/24/23	1220	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/24/23	1220	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mariner	4/25/23	1505	Wesley Mariner	Courier	4/25/23	1520	Courier

NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 074
Cooler 074
Cooler 089
Cooler 089
Cooler 090

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 074, 070, 07

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VA, BS, OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
93	MW35042023	4/24/23	1320	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/24/23	1325	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:
- ○ Rush ___ hrs
- ⊗ Std ___ days

Cooler 074
Cooler 070
Cooler 071
Cooler 071
Cooler 072

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Vicente Aguilar	4/25/23	15:00		Fed Ex Courier	4/24/23	1500	Fed Ex Courier

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 074, 092

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
23	TMW03042023	4/24/23	1315	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
		↓	↓	1	1 L Amber	Water
		4/24/23	1315	1	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
						HN X						
							HN X					
									X			
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pinkerton	4/25/23	1500			4/25/23	1500	

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 074, 090, 092

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
23	TMW03042023D	4/24/23	1320	3	40 mL VOA	Water
		↓	↓	1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		4/24/23	1320	1	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
						X						
HN							X					
HN									X			
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 074
Cooler 092
↓
Cooler 092
Cooler 090
Cooler 090

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Ankrom	4/24/23	1520			4/24/23	1520	

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 074, 093, 094

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
79	TMW59042023	4/24/23	0920	3	40 mL VOA	Water
		"	"	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		↓	↓	1	1 L Amber	Water
		4/24/23	0940	21	1 L Amber	Water
				QC 4/24		

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Ryan S	4/25/23	1520		Courier	4/25/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 074
Cooler 074
Cooler 093
↓
Cooler 093
Cooler 094

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

not enough water in well

CHAIN OF CUSTODY

Cooler 095

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	VA, CG

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
63	TMW31D042023	4/25/23	1345	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*: ☐ Rush ___ hrs ☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Vincente Ayala	4/25/23	15:00		Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 095

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
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Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	VA, OA	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
79	TMW45042023	4/25/23	0925	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valente Aguilar	4/25/23	1505	Valente Aguilar	Couriers	4/25/23	1500	Couriers

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 095

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
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Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
					Preservative Code									
72	TMW39D042023	4/25/23	0940	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*: ☐ Rush ___ hrs ☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Punkoste	4/25/23	1500		Courier	4/25/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 095

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
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Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	VA, CA

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
82	TMW48042023 D	4/25/23	11:30	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valerie Apodaca	4/25/23	1530		Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 095

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	VA, CA

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
82	TMW48042023	11/25/23	11:10	1	250 mL Poly	Water

Analysis Requested								Comments
Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate		TAT*:
Preservative Code								☐ Rush ___ hrs
								☒ Std ___ days
X	X	X	X	X	X	X		May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valente Ayala	4/25/23	1500		Courier	4/25/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 095

CHAIN OF CUSTODY

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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	ED, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
77	TMW43042023 D	4/25/23	0800	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*: ☐ Rush ___ hrs ☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pawlowski	4/25/23	1500		Courier	4/26/23	1581	

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 095

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	E.O, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
77	TMW43042023	4/25/23	0955	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Finkbeiner	4/25/23	1570		Courier	4/25/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 095

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, RS, WM	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
36	MW37042023	4/25/23	0830	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Muthiner	4/25/23	1500	Wesley Muthiner	Courier	4/25/23	1500	Courier

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 095

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, RS, WM	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
86	TMW52042023	4/25/23	0748	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mortimer	4/25/23	1500	Wesley Mortimer	Courier	4/25/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 095

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
74	TMW40D042023	4/25/23	1050	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pinkard	4/25/23	1500		Courier	4/25/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 095

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	CM, RS, WM

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*:
11	BGMW13S042023	4/25/23	1015	1	250 mL Poly	Water	X	X	X	X	X	X	X	☐ Rush ___ hrs ☒ Std ___ days
														May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/25/23	1500	Wesley Martinez	Courier	4/25/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 095

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
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Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GW, RS, WM	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
10	BGMW13D042023	4/25/23	1135	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mathis	4/25/23	1500	Wesley Mathis	Courier	4/25/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 096

CHAIN OF CUSTODY

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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	NA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC25042023TB ~~01~~	4/25/2023	800	6	40 mL VOA	Water

Analysis Requested

Preservative Code¹	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X	X										
HC	X	X										

Cooler 096, 097

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	ED, GS
	McKinley County, NM		

Comments: TAT*: ○ Rush ___ hrs ⊗ Std ___ days

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
	Preservative Code[1]						HC	HC				HN	HN						
61	TMW43042023	4/25/23	0800	3	40 mL VOA	Water	X												Cooler 096
				1	60 mL Poly	Water			X										Cooler 097
				1	250 mL Amber	Water				X									
				1	250 mL Poly	Water						X							
				1	250 mL Poly	Water							X						
				1	1 L Amber	Water								X					
				1	1 L Amber	Water									X				
		4/25/23	0800	2	1 L Amber	Water											X		Cooler 097

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Poulsen	4/25/23	1500		Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 096, 098

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO; GF
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
61	TMW43042023	4/25/23	0755	3	40 mL VOA	Water
		"	"	1	60 mL Poly	Water
		"	"	1	250 mL Amber	Water
		"	"	1	250 mL Poly	Water
		"	"	1	250 mL Poly	Water
		"	"	1	1 L Amber	Water
		"	"	1	1 L Amber	Water
		4/25/23	0755	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 096
Cooler 098
Cooler 098

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankratz	4/25/23	1520		Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 094, 096, 099

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, RS, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
96	MW37042023	4/25/23	0830	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/25/23	0830	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/25/23	1500	Wesley Martinez	Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
Preservative Code[1]	HC	HC				HN	HN					
	X											
		X										
			X									
				X								
					X							
						X						
							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 096
Cooler 096
Cooler 099
Cooler 099
Cooler 094

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 094, 096, 100

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, RS, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
70	TMW52042023	4/25/23	0740	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/25/23	0740	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 096
Cooler 094
Cooler 100

Cooler 100
Cooler 094

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/25/23	1520	Wesley Martinez	Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 096, 101

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
58	TMW40D042023	4/25/23	1050	3	40 mL VOA	Water
		↓	↓	1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		↓	↓	1	1 L Amber	Water
		4/25/23	1050	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
											X	

Comments

TAT*:
○ Rush ___ hrs
⊗ Std ___ days

Cooler 096
Cooler 101
↓
Cooler 101

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pinkston	4/25/23	1500		Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 096, 102, 103

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GM RS WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
##	BGMW13S042023	4/25/23	1015	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/25/23	1015	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley MacKinnon	4/25/23	1500	Wesley MacKinnon	Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 096
Cooler 096
Cooler 102
Cooler 102
Cooler 103

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Coolers 096, 104, 103

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, RS, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
##	BGMW13D042023	4/25/23	1135	3	40 mL VOA	Water
		"	"	3	40 mL VOA	Water
		"	"	1	60 mL Poly	Water
		"	"	1	250 mL Amber	Water
		"	"	1	500 mL Amber	Water
		"	"	1	250 mL Poly	Water
		"	"	1	250 mL Poly	Water
		"	"	1	1 L Amber	Water
		"	"	1	1 L Amber	Water
		"	"	1	1 L Amber	Water
		"	"	1	1 L Amber	Water
		4/25/23	1135	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 096
Cooler 096
Cooler 104
↓
Cooler 104
Cooler 103

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mathews	4/25/23	1533	Wesley Mathews	Courier	4/25/23	1530	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Coolers 103, 096, 105

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VA, OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
66	TMW48042023	4/25/23	11:10	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/25/23	11:10	2	1 L Amber	Water

Analysis Requested																				Comments
EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare									TAT*: O Rush ___ hrs ⊗ Std ___ days
Preservative Code[1]																				
HC	HC				HN	HN														
X																				
		X																		Cooler 096
			X																	Cooler 105
					X															↓
						X														
							X													
								X												Cooler 105
											X									Cooler 105

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valentin Apilla	4/25/23	1505		Courier	4/25/23	1505	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 096, 106

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VA, OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
66	TMW48042023D	4/25/23	1130	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/25/23	1130	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 096
Cooler 106
Cooler 106

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Vallerie Arvale	4/25/23	1500	Vallerie Arvale	Couriers	4/25/23	1500	Couriers

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 096, 107

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
56	TMW39D042023	4/25/23	0940	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/25/23	0940	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
						X						
HN							X					
HN								X				
									X			
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 096
Cooler 107
Cooler 107

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fontenot	4/25/23	1500		Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 096, 103

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VA, CA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
63	TMW45042023	4/24/23	0925	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/24/23	0925	2	1 L Amber	Water

Analysis Requested	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
Preservative Code[1]	HC	HC				HN	HN					
	X											
			X									
				X								
						X						
							X					
								X				
									X			
												X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 096
Cooler 103

Cooler 103

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valerie Byrd	4/25/23	1500		Courier	4/25/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 096, 109

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VA, OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
47	TMW31D042023	4/25/23	1346	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/25/23	1345	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
											X	

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 096
Cooler 109

Cooler 109

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valente A. de la	4/27/23	1100		Courier	4/27/23	1521	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

cooler 110

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CH, JO
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC26042023EB05	4/26/2023	1400	1	250 mL Poly	Water

Analysis Requested

EPA 9056

Preservative Code[1]

X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Jeff Ockerman	4-26-23	1500		Courier	4-26-23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 113, ~~113~~, ~~114~~ JR

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, RS, WM

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
							Preservative Code						
29	MW31042023	4/26/23	0755	1	250 mL Poly	Water	X	X	X	X	X	X	X

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Level 3

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/26/23	1500	Wesley Martinez	Courier	4/26/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 110

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GM, RS, WM

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
28	MW30042023	4/26/23	0715	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Level 3

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/26/23	1500	Wesley Martinez	Courier	4/27/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 110

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
51	TMW15042023	4/26/23	0750	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fontenot	4/26/23	1500		Courier	4/26/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 110

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
51	TMW15042023 D	4/26/23	0755	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pomkoski	4/26/23	1520		Courier	4/26/23	1520	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 110

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
44	TMW06042023	4/26/23	0920	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fujitake	4/26/23	1500		Courier	4/26/23	1510	Courier

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 110

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, RS, WM

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
12	FW31042023	4/6/23	0900	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mortimer	4/20/23	1500	Wesley Mortimer	Courier	4/20/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 110

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	VC, CP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
83	TMW49042023	4/26/23	0825	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valerie Ayala	4/26/23	1520		Courier	4/26/23	1520	Courier

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 110

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	FO, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
68	TMW35042023	4/26/23	1100	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Gunnell Purboats	4/26/23	1500		Courier	4/26/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 110

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	VA, OA	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
							Preservative Code						
49	TMW13042023			3 ~~4~~	250 mL Poly	Water	X	X	X	X	X	X	X

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

MS/MSD

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valente Aydin	4/26/23	1500	[signature]	Courier	4/26/23	1530	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 110

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, RS, WM

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
					Preservative Code									
98	TMW64042023	4/26/23	1120	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mathews	4/26/23	1500	Wesley Mathews	Courier	4/26/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 11D

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com
Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, GP

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
18	MW20042023	4/26/23	1220	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Analysis Requested

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Plunkett	4/26/23	1500		Courier	4/26/23	1500	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 110, [illegible], 125

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	EO, GP	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
67	TMW34042023	4/26/23	1350	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankratz	4/26/23	1526	[signature]	[signature]	4/26/23	1526	[signature]

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 1/0

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	DA, VA

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
17	MW18D042023	04-20-23	1322	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Chain Requested	4/24/23	1520	[signature]	Courier	4/20/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

CHAIN OF CUSTODY

Cooler 111

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	NA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC26042023TB ~~CS~~	4/26/2023	800	6	40 mL VOA	Water

Analysis Requested

EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
Preservative Code[1]											
HC	HC				HN	HN					
X	X										

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
THurkman	4/26/23	1500	[signature]	Courier	4/26/23	1531	Courier

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 111, 112, 113

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, RS, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
88	MW30042023	4/26/23	0715	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/26/23	0715	1	1 L Amber	Water
		4/26/23	0715	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mathews	4/26/23	1500	Wesley Mathews	Courier	4/26/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

1 of 3

Cooler 111
Cooler 111
Cooler 112

Cooler 112
Cooler 113

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Coolers 111, 113, 114

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, RS, WH
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
89	MW31042023	4/26/23	0755	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/26/23	0755	2	1 L Amber	Water

Analysis Requested

EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	HC				HN	HN					
X											
	X										
		X									
			X								
				X							
					X						
						X					
							X				
								X			
									X		
										X	

Preservative Code[1)]

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Level 3

Cooler 111
Cooler 111
Cooler 114
↓
Cooler 114
Cooler 113

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/26/23	1500	Wesley Martinez	Courier	4/26/23	1500	Courier

NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 111, 115

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
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Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
32	TMW15042023	4/26/23	0950	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		4/26/23	0950	1	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pinkerton	4/26/23	1500		Emax	4/26/23	1503	Emax

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
						X						
HN							X					
HN									X			
											X	

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Cooler 111
Cooler 115
"
Cooler 115

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 111, 113, 115

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	ED, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Preservative Code[1]	Comments
32	TMW15042023	4/26/23	0756	3	40 mL VOA	Water													HC	Cooler 111
				1	60 mL Poly	Water			X										HC	Cooler 113
				1	250 mL Amber	Water				X										
				1	250 mL Poly	Water						X							HN	
				1	250 mL Poly	Water							X						HN	Cooler 113
				1	1 L Amber	Water									X					Cooler 115
		4/26/23	0755	1	1 L Amber	Water											X			Cooler 115

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Sanborn	4/26/23	1500		Courier	4/26/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Preservative Code[1]

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 111, 116

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
25	TMW06042023	4/26/23	0920	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/26/23	0920	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
HN						X						
HN							X					
									X			
										X		
											X	

Comments

TAT*:
- O Rush ___ hrs
- ⊗ Std ___ days

Cooler 111
Cooler 111
Cooler 116
Cooler 116

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Ashworth	4/26/23	1500		Courier	4/26/23	1530	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 111, 117

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, RS, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Preservative Code[1]	Comments
8	FW31042023	4/24/23	1020	3	40 mL VOA	Water	HC	Cooler 111
				1	250 mL Amber	Water	HC	Cooler 117
				1	250 mL Poly	Water		
				1	250 mL Poly	Water	HN	
				1	1 L Amber	Water	HN	
				1	1 L Amber	Water		
		4/25/23	0900	2	1 L Amber	Water		Cooler 117

Analysis Requested: EPA 8260; EPA 8015B GRO; EPA 6850/6860; EPA 8330; EPA 8151; EPA 6010/6020/7470 (Dis); EPA 6010/6020/7470 (Tot); EPA 8081; EPA 8270; EPA 8015B DRO; EPA 8082; Spare

Comments: TAT*: O Rush ___ hrs; ⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley MacGregor	4/26/23	1500	Wesley MacGregor	Courier	4/26/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 111, 118

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VA, CA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
67	TMW49042023	4/26/23	0715	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/26/23	0825	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valentine Ayala	4/26/23	1500		Courier	4/26/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 111

Cooler 118

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 111, 119

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VA, OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Preservative Code[1]	Comments
30	TMW13042023	4/24/23	1105	3	40 mL VOA	Water	HC: X	MS/MSD; Cooler 111
		↓	↓	1	60 mL Poly	Water	EPA 6850/6860: X	Cooler 119
		↓	↓	1	250 mL Poly	Water	EPA 6010/6020/7470 (Dis): X	↓
		4/24/23	1105	1	250 mL Poly	Water	HN: X	Cooler 119

Analysis Requested: EPA 8260; EPA 8015B GRO; EPA 6850/6860; EPA 8330; EPA 8151; EPA 6010/6020/7470 (Dis); EPA 6010/6020/7470 (Tot); EPA 8081; EPA 8270; EPA 8015B DRO; EPA 8082; Spare

Comments: TAT*: ○ Rush ___ hrs ⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valerie Ayala	4/24/23	1500		Courier	4/26/23	1025	Courier

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Coolers 111, 119, 120

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CH, JO
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC26042023EB GS	4/26/2023	1400	3	40 mL VOA	Water
		4/26/2023	1400	3	40 mL VOA	Water
		4/26/2023	1400	1	60 mL Poly	Water
		4/26/2023	1400	1	250 mL Amber	Water
		4/26/2023	1400	1	500 mL Amber	Water
		4/26/2023	1400	1	250 mL Poly	Water
		4/26/2023	1400	1	250 mL Poly	Water
		4/26/2023	1400	1	1 L Amber	Water
		4/26/2023	1400	1	1 L Amber	Water
		4/26/2023	1400	1	1 L Amber	Water
		4/26/2023	1400	1	1 L Amber	Water
		4/26/2023	1400	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 111
Cooler 111
Cooler 120
↓
Cooler 120
Cooler 119

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Jeff Ockerman	4-26-23	1500		Courier	4-26-23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 111, 119, 121

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
52	TMW35042023	4/26/23	1100	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/26/23	1100	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:
- ○ Rush ___ hrs
- ⊗ Std ___ days

Cooler 111
Cooler 111
Cooler 121
Cooler 121
Cooler 119

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankratz	4/26/23	1550		Courier	4/26/23	1505	Courier

NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 111, 122, 123

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GW, RS, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Preservative Code[1]	Comments
75	TMW64042023	4/26/23	1120	3	40 mL VOA	Water	HC	Cooler 111
				3	40 mL VOA	Water	HC	Cooler 111
				1	60 mL Poly	Water	EPA 6850/6860	Cooler 122
				1	250 mL Amber	Water	EPA 8330	
				1	500 mL Amber	Water	EPA 8151	
				1	250 mL Poly	Water	EPA 6010/6020/7470 (Dis) HN	
				1	250 mL Poly	Water	EPA 6010/6020/7470 (Tot) HN	
				1	1 L Amber	Water	EPA 8081	
				1	1 L Amber	Water	EPA 8270	
				1	1 L Amber	Water	EPA 8015B DRO	
				1	1 L Amber	Water	EPA 8082	Cooler 122
		4/26/23	1120	2	1 L Amber	Water	Spare	Cooler 123

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mathews	4/26/23	1520	Shelby Mattingly	Courier	4/26/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

TAT*:
O Rush ___ hrs
⊗ Std ___ days

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 111, 123, 124

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info		
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman	
Project Name	USACE Wingate	Email	jockerman@ecoinc.info	
Project No	Eco-18-1237	Phone	(714) 289-0995	
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info	(Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP	
	McKinley County, NM			

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
							Preservative Code[1]												
							HC	HC				HN	HN						
15	MW20042023	4/26/23	1220	3	40 mL VOA	Water	X												Cooler 111
		"	"	3	40 mL VOA	Water		X											Cooler 111
		"	"	1	60 mL Poly	Water			X										Cooler 124
		"	"	1	250 mL Amber	Water				X									
		"	"	1	250 mL Poly	Water						X							
		"	"	1	250 mL Poly	Water							X						
		"	"	1	1 L Amber	Water								X					
		"	"	1	1 L Amber	Water									X				
		↓	↓	1	1 L Amber	Water										X			Cooler 124
		4/26/23	1220	2	1 L Amber	Water												X	Cooler 123

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pankratz	4/26/23	1600		Courier	4/26/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

TAT*:
O Rush ___ hrs
⊗ Std ___ days

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 111, 123, 125 (111)

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info		
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman	
Project Name	USACE Wingate	Email	jockerman@ecoinc.info	
Project No	Eco-18-1237	Phone	(714) 289-0995	
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info	(Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP	
	McKinley County, NM			

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
51	TMW34042023	4/26/23	1350	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		4/26/23	1350	1	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
						X						
HN							X					
HN										X		
											X	

Comments

TAT*:
- ○ Rush ___ hrs
- ⊗ Std ___ days

Cooler 111
Cooler 111
Cooler 125
/
Cooler 123
Cooler 123
Cooler 123

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Fankhauser	4/26/23	1526		Courier	4/26/23	1526	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 11, 12.5

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	CK, VA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
13	MW18D042023	04-26-23	1320	3	40 mL VOA	Water	HC	X												
				3	40 mL VOA	Water	HC		X											
				1	60 mL Poly	Water				X										
				1	250 mL Amber	Water					X									
				1	250 mL Poly	Water	HN						X							
				1	250 mL Poly	Water	HN							X						
				1	1 L Amber	Water											X			
		04-26-23	1320	1	1 L Amber	Water												X		

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Omar Argueta	4/26/23	1500			4/26/23	1500	

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

TAT*:
- ○ Rush ___ hrs
- ⊗ Std ___ days

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	VA, OA	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
65	TMW32042023	4/27/23	0930	1	250 mL Poly	Water

Analysis Requested

Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
Preservative Code						
X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Level 3

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valverde A&A	4/27/23	1500		Emax	4/27/23	1500	Emax

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 126

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Ph	310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GM, RS, WM

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Preservative Code
37	MW38042023	4/27/23	0750	1	250 mL Poly	Water	X	X	X	X	X	X	X	

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

Level 3

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley MacPherson	4/27/23	1540	Wesley Murphy	Conair	4/27/23	1540	Conair

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

Cooler 126

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	GN, RS, WM

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
38	MW39042023	04/27/23	0715	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Whitmore	4/27/23	1620	Wesley Whitmore	Courier	4/27/23	1620	Courier

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 126

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, GF

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
58	TMW25042023	4/27/23	0745	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Cheine H Conklin	4/27/23	1540		Courier	4/27/23	1620	

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 126

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	E.O. GF	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							
71	TMW38042023	4/27/23	0905	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Poindexter	4/27/23	1510					

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 126

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	GN, RS, WH	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Analysis Requested: Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
							Preservative Code							TAT*: ☐ Rush ___ hrs ☒ Std ___ days
81	TMW47042023	4/27/23	0915	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Morrison	4/27/23	1700					

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 126

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info		
PM / POC	Jeff Ockerman	
Email	jockerman@ecoinc.info	
Phone	(714) 289-0995	
Email (Rpt)	chem@ecoinc.info	(Reports only)
Sampler(s)	VA, QA	

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate	Comments
	Preservative Code													
54	TMW21042023	4/27/23	0935	1	250 mL Poly	Water	X	X	X	X	X	X	X	May have short hold time.

TAT*:
☐ Rush ___ hrs
☒ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valerie Apple	4/27/23	1500	Valerie Apple	Courier	4/28/23	0930	Courier

NOTES:
Analytes listed above to be analyzed by EPA 9056.
Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 126

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info	
Company	Eco & Associates, Inc.
Project Name	USACE Wingate
Project No	Eco-18-1237
Site Name	Northern Area
Site Address	Fort Wingate Depot Activity
	McKinley County, NM

Company Contact Info	
PM / POC	Jeff Ockerman
Email	jockerman@ecoinc.info
Phone	(714) 289-0995
Email (Rpt)	chem@ecoinc.info (Reports only)
Sampler(s)	EO, GF

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
19	MW22D042023	4/27/23	1100	1	250 mL Poly	Water

Analysis Requested

Preservative Code	Nitrate	Nitrite	Chloride	Bromide	Flouride	Sulfate	Ortho-Phosphate
	X	X	X	X	X	X	X

Comments

TAT*:

☐ Rush ___ hrs

☒ Std ___ days

May have short hold time.

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pawlowski	4/27/23	1520		Courier	4/28/23	8:00	Courier

NOTES:

Analytes listed above to be analyzed by EPA 9056.

Ortho-Phosphate may be analyzed by either EPA 9056 or SM4500.

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 17

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	NA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
1	QC27042023TB001	4/27/2023	800	6	40 mL VOA	Water

Analysis Requested

Preservative Code¹	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC	X											
						HN						
						HN						

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
[illegible]	4/27/23	1520	[signature]	Courier	4/27/23	1520	Courier

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 127, 128

CHAIN OF CUSTODY

Eco & Associates, Inc.
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Tustin, CA 92780

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POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VA, OA
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
49	TMW32042023	4/27/23	0953	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/27/23	0959	2	1 L Amber	Water

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC			X									
				X								
HN						X						
HN							X					
								X				
									X			
												X

Comments

TAT*:
O Rush ___ hrs
⊗ Std ___ days

Level 3

Cooler 127
Cooler 128

Cooler - 128

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Jaime Ayala	4/27/23	830		Courier	4/27/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 127, 129, 130

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
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Lab Info	
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Address	3051 Fujita Street, Torrance, CA 90505
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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, RS, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
97	MW38042023	4/27/23	0750	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	500 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/27/23	0755	2	1 L Amber	Water

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Martinez	4/27/23	1700	Wesley Martinez	Courier	4/27/23	1830	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Analysis Requested

Preservative Code[1]	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
HC	X											
HC		X										
			X									
				X								
					X							
HN						X						
HN							X					
								X				
									X			
										X		
											X	

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Level 3

Cooler 127
Cooler 129
Cooler 130

Cooler 129
Cooler 130

NOTES:

1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 127, 130

CHAIN OF CUSTODY

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Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, LP
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
41	TMW25042023	4/27/23	0745	3	40 mL VOA	Water
		↓	↓	1	250 mL Amber	Water
		↓	↓	1	250 mL Poly	Water
		4/27/23	0745	1	250 mL Poly	Water

Analysis Requested	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
Preservative Code[1]	HC	HC				HN	HN					
	X											
				X								
						X						
							X					

Comments
TAT*:
O Rush ___ hrs
⊗ Std ___ days
Cooler 127
5
5 Cooler 130

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Courier Technician	4/27/23	1500	[signature]	[signature]	4/27/23	1500	[signature]

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

CHAIN OF CUSTODY

Cooler 127, 130, 131

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GN, RS, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
98	MW39042023	4/27/23	0715	3	40 mL VOA	Water
		"	"	3	40 mL VOA	Water
		"	"	1	60 mL Poly	Water
		"	"	1	250 mL Amber	Water
		"	"	1	500 mL Amber	Water
		"	"	1	250 mL Poly	Water
		"	"	1	250 mL Poly	Water
		"	"	1	1 L Amber	Water
		"	"	1	1 L Amber	Water
		"	"	1	1 L Amber	Water
		"	"	1	1 L Amber	Water
		4/27/23	0715	2	1 L Amber	Water

Analysis Requested	Preservative Code[1]	Comments
EPA 8260	HC	TAT*:
EPA 8015B GRO	HC	O Rush ___ hrs
EPA 6850/6860		⊗ Std ___ days
EPA 8330		
EPA 8151		
EPA 6010/6020/7470 (Dis)	HN	
EPA 6010/6020/7470 (Tot)	HN	
EPA 8081		
EPA 8270		
EPA 8015B DRO		
EPA 8082		
Spare		

X marks: HC, HC, EPA 8260; HC, EPA 8015B GRO; EPA 6850/6860; EPA 8330; EPA 8151; HN, EPA 6010/6020/7470 (Dis); HN, EPA 6010/6020/7470 (Tot); EPA 8081; EPA 8270; EPA 8015B DRO; EPA 8082; Spare

Cooler 127
Cooler 127
Cooler 131
Cooler 131
Cooler 130

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Mortimer	4/27/23	1580	Wesley Mortimer	Courier	4/27/23	1580	Courier

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 127, 132

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GF
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
55	TMW38042023	4/27/23	0900	3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/27/23	0900	2	1 L Amber	Water

Analysis Requested	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare
Preservative Code[1]	HC	HC				HN	HN					
	X		X	X		X	X	X	X			X

Comments

TAT*:

O Rush ___ hrs

⊗ Std ___ days

Cooler 127

Cooler 132

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Parkinson	4/27/23	1500		Courier	4/27/23	1500	Courier

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

Cooler 127, 133

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	GM, RS, WM
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
65	TMW47042023	4/27/23	0915	3	40 mL VOA	Water
		"	"	1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
				1	1 L Amber	Water
		4/27/23	0915	2	1 L Amber	Water

Analysis Requested	Preservative Code[1]	Comments
EPA 8260		TAT*:
EPA 8015B GRO		O Rush ___ hrs
EPA 6850/6860		⊗ Std ___ days
EPA 8330		
EPA 8151		
EPA 6010/6020/7470 (Dis)	HN	
EPA 6010/6020/7470 (Tot)	HN	
EPA 8081		
EPA 8270		
EPA 8015B DRO		
EPA 8082		
Spare		
	HC	Cooler 127
	HC	Cooler 133
X		
	X	
	X	
	X	
	X	
	X	
	X	
		Cooler 127

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Wesley Medina	4/27/23	1500			4/27/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 127, 134

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info	
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman
Project Name	USACE Wingate	Email	jockerman@ecoinc.info
Project No	Eco-18-1237	Phone	(714) 289-0995
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info (Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	VH OC
	McKinley County, NM		

#	Sample ID	Date	Time	NOC*	SOC*	Matrix
37	TMW21042023	04/21/23	2050	3	40 mL VOA	Water
				3	40 mL VOA	Water
				1	60 mL Poly	Water
				1	250 mL Amber	Water
				1	250 mL Poly	Water
				1	250 mL Poly	Water
				1	1 L Amber	Water
		04/21/23	1955	1	1 L Amber	Water

Analysis Requested	Preservative Code[1]	Comments
EPA 8260	HC	TAT*:
EPA 8015B GRO	HC	O Rush ___ hrs
EPA 6850/6860		⊗ Std ___ days
EPA 8330		
EPA 8151		
EPA 6010/6020/7470 (Dis)	HN	
EPA 6010/6020/7470 (Tot)	HN	
EPA 8081		
EPA 8270		
EPA 8015B DRO		
EPA 8082		
Spare		

Row	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
1	X												Cooler 127
2		X											Cooler 127
3			X										Cooler 134
4				X									
5						X							
6							X						
7										X			
8												X	Cooler 134

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Valente Aguilar	4/21/23	1500		Courier	4/21/23	1500	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

Cooler 127, 134, 135

CHAIN OF CUSTODY

Eco & Associates, Inc.
18231 Irvine Blvd., Suite 204
Tustin, CA 92780

Lab Info	
Lab	EMAX Laboratories
Address	3051 Fujita Street, Torrance, CA 90505
POC	Richard Beauvil
Email	info@emaxlabs.com Ph 310-618-8889

Project Info		Company Contact Info		
Company	Eco & Associates, Inc.	PM / POC	Jeff Ockerman	
Project Name	USACE Wingate	Email	jockerman@ecoinc.info	
Project No	Eco-18-1237	Phone	(714) 289-0995	
Site Name	Northern Area	Email (Rpt)	chem@ecoinc.info	(Reports only)
Site Address	Fort Wingate Depot Activity	Sampler(s)	EO, GP	
	McKinley County, NM			

#	Sample ID	Date	Time	NOC*	SOC*	Matrix	EPA 8260	EPA 8015B GRO	EPA 6850/6860	EPA 8330	EPA 8151	EPA 6010/6020/7470 (Dis)	EPA 6010/6020/7470 (Tot)	EPA 8081	EPA 8270	EPA 8015B DRO	EPA 8082	Spare	Comments
							Preservative Code[1]												
							HC	HC				HN	HN						
16	MW22D042023	4/27/23	1100	3	40 mL VOA	Water	X												Cooler 127
				3	40 mL VOA	Water		X											Cooler 135
				1	60 mL Poly	Water			X										
				1	250 mL Amber	Water				X									
				1	250 mL Poly	Water						X							
				1	250 mL Poly	Water							X						Cooler 135
				1	1 L Amber	Water								X					
				1	1 L Amber	Water									X				
				1	1 L Amber	Water										X			
		4/27/23	1100	2	1 L Amber	Water											X		Cooler 134

Relinquished By	Date	Time	Signature	Received By	Date	Time	Signature
Garrett Pinkerton	4/27/23	1510		Courier	4/27/23	1520	Courier

* NOC - Number of Containers, SOC - Size of Container, TAT - Turn Around Time

TAT*:
O Rush ___ hrs
⊗ Std ___ days

NOTES:
1) HN=HNO3, HC=HCl
2) NOC - Number of Containers
3) SOC - Size of Containers
4) TAT - Turn Around Time

NOTE: Appendix D-1A is provided as a separate file on CD.

APPENDIX D-1A

DATA VALIDATION REPORT

NOTE: Appendix D-1B is provided as a separate file on CD.

APPENDIX D-1B

AUTOMATED DATA REVIEW

NOTE: Level 4 report data was used for the data validation of Appendix D-2; however, Level 2 summary data is only included with this submittal.

Appendix D-2 is provided as a separate file on CD.

APPENDIX D-2

EMAX ELECTRONIC DATA DELIVERABLES

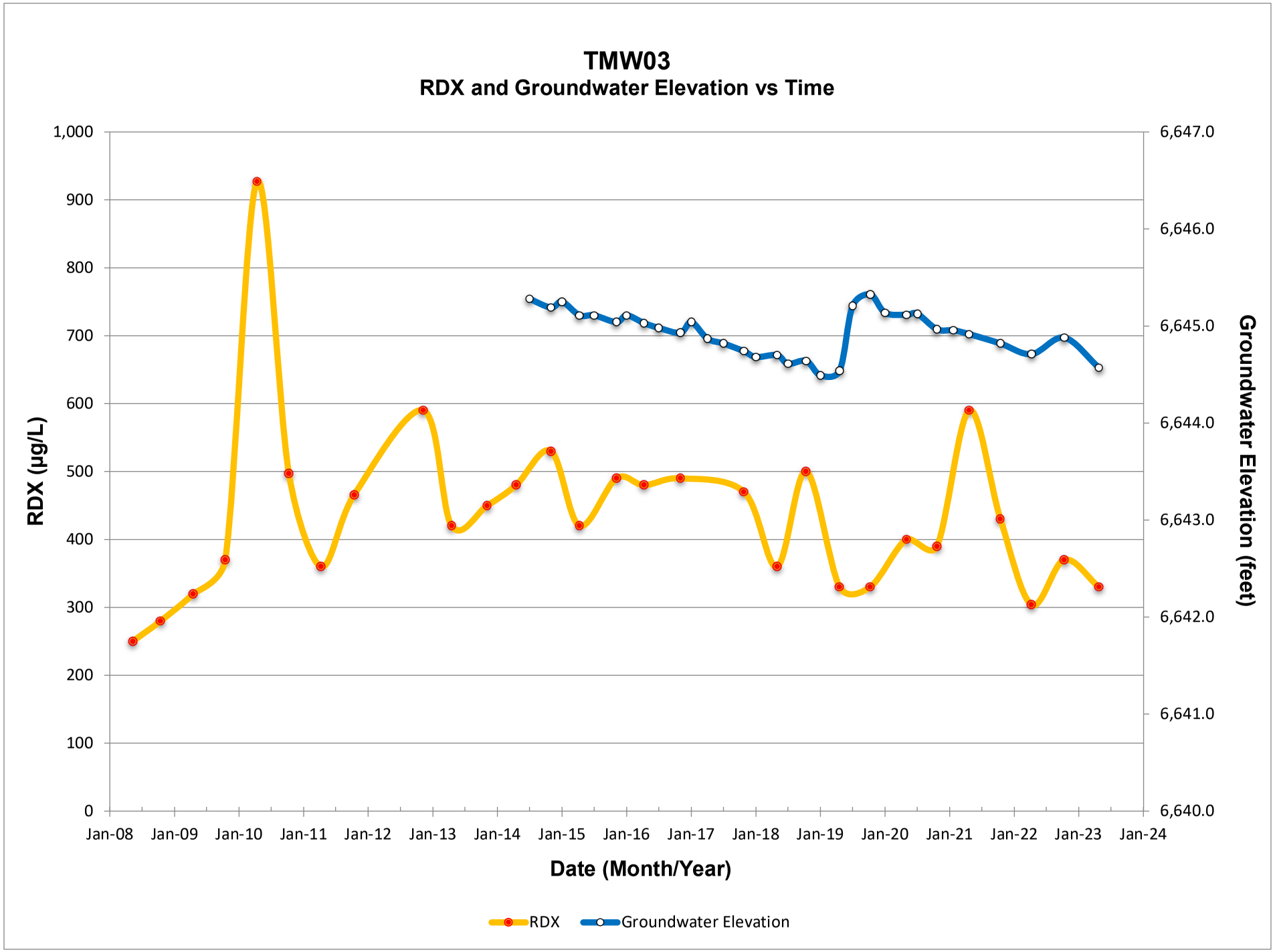
NOTE: Appendix E is provided as a separate file on CD.

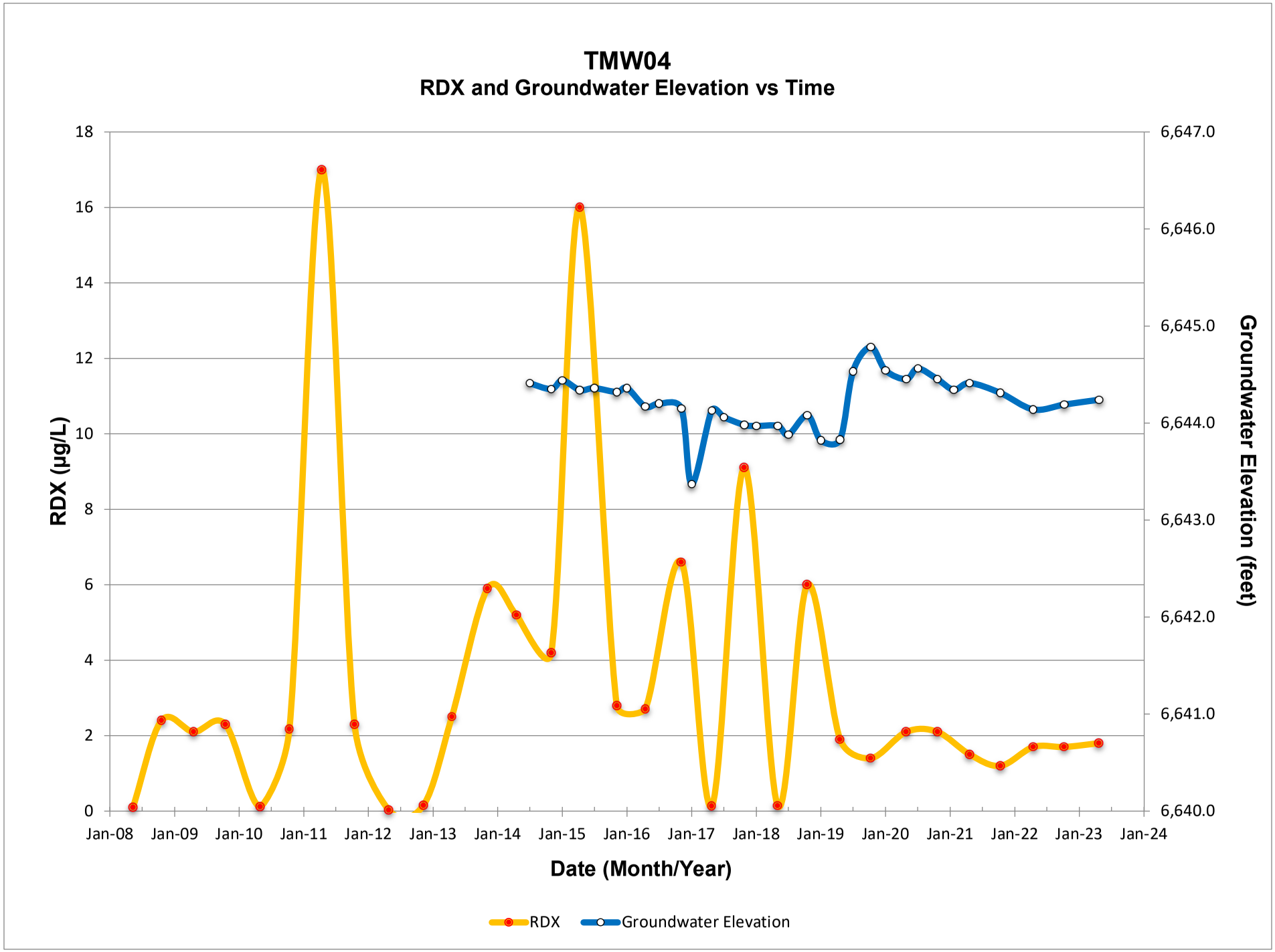
APPENDIX E

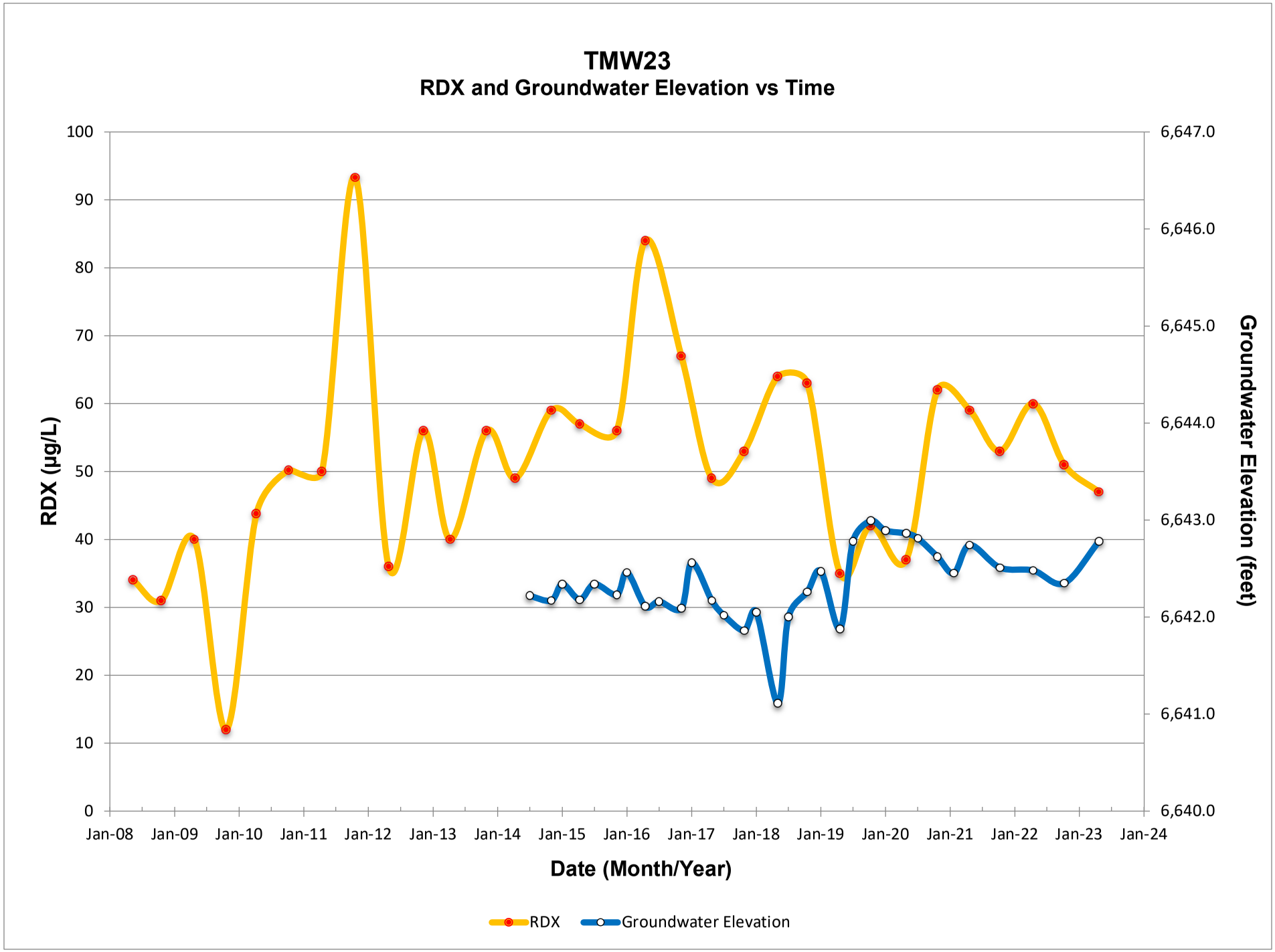
HISTORICAL GROUNDWATER ANALYTICAL DATA

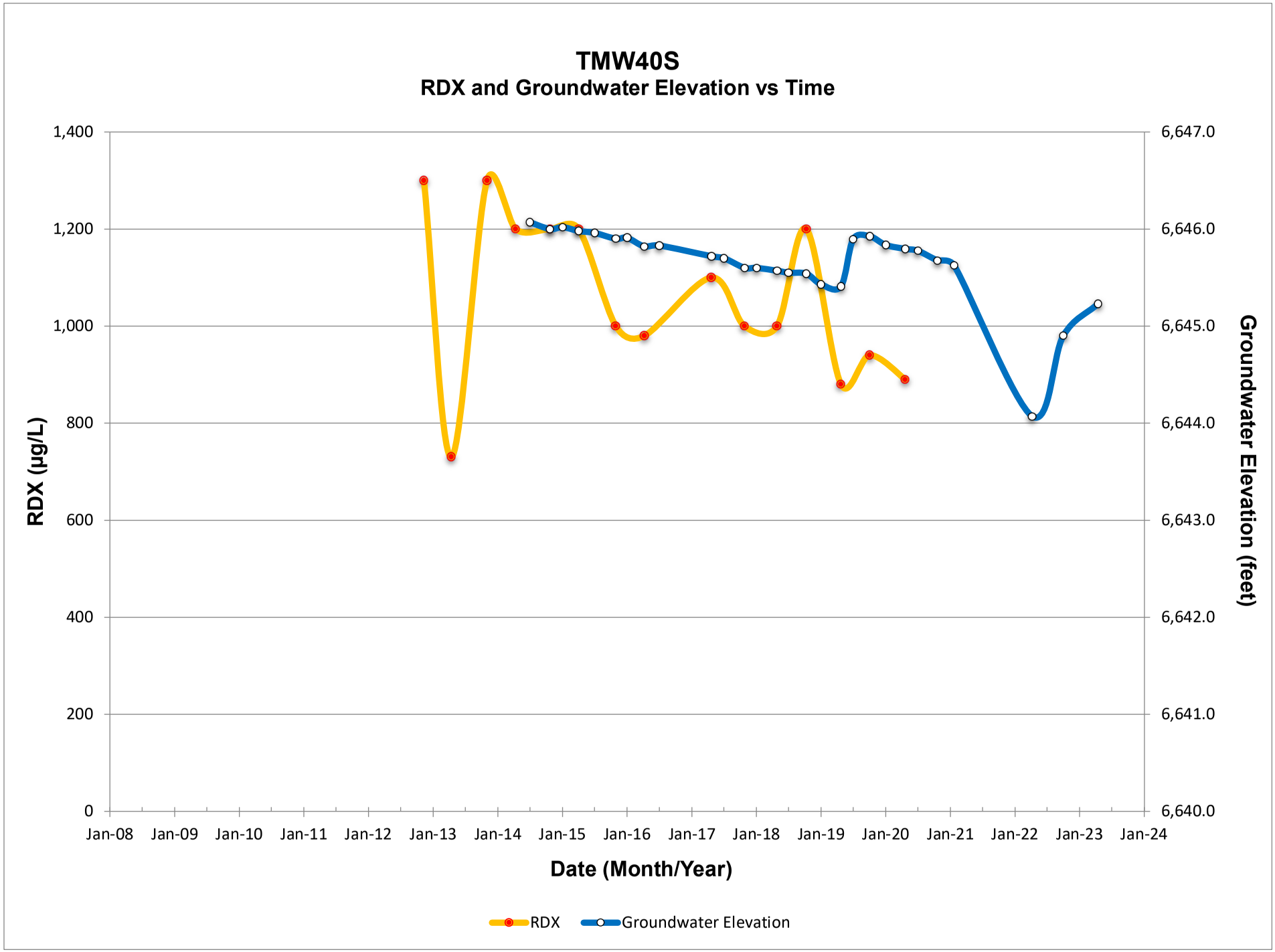
APPENDIX F

RDX VS. TIME PLOTS


TMW03
RDX and Groundwater Elevation vs Time
RDX (µg/L)
Groundwater Elevation (feet)
1,000
900
800
700
600
500
400
300
200
100
0
6,647.0
6,646.0
6,645.0
6,644.0
6,643.0
6,642.0
6,641.0
6,640.0
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Date (Month/Year)
RDX
Groundwater Elevation


TMW04
RDX and Groundwater Elevation vs Time
RDX (µg/L)
Groundwater Elevation (feet)
Date (Month/Year)
0
2
4
6
8
10
12
14
16
18
6,640.0
6,641.0
6,642.0
6,643.0
6,644.0
6,645.0
6,646.0
6,647.0
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
RDX
Groundwater Elevation


TMW23
RDX and Groundwater Elevation vs Time
RDX (µg/L)
Groundwater Elevation (feet)
100
90
80
70
60
50
40
30
20
10
0
6,647.0
6,646.0
6,645.0
6,644.0
6,643.0
6,642.0
6,641.0
6,640.0
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Date (Month/Year)
RDX
Groundwater Elevation


TMW40S
RDX and Groundwater Elevation vs Time
RDX (µg/L)
Groundwater Elevation (feet)
1,400
1,200
1,000
800
600
400
200
0
6,647.0
6,646.0
6,645.0
6,644.0
6,643.0
6,642.0
6,641.0
6,640.0
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24
Date (Month/Year)
RDX
Groundwater Elevation

APPENDIX G

NITRATE AND NITRITE SPLIT SAMPLE RESULTS

APPENDIX G: SUMMARY OF SPLIT SAMPLE NITRATE AND NITRITE RESULTS

Groundwater Periodic Monitoring Report — January through June 2023

Fort Wingate Depot Activity, New Mexico

Well ID	Sample ID	Nitrate	Nitrite
		mg/L	
MW27	Original Sample	36	<0.06
	Replicate Sample	39	<0.10
MW35	Original Sample	0.10 J	<0.06
	Replicate Sample	<0.20	<0.10
TMW59	Original Sample	42	0.089 J
	Replicate Sample	47	<0.10

NOTES & ABBREVIATIONS:

mg/L	milligrams per liter
<	less than cited Detection Limit
J	estimated value

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Carlos Hernandez
Eco & Associates, Inc
18231 Irvine Blvd
Ste 204
Tustin, California 92780

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JOB DESCRIPTION

Fort Wingate, NM

JOB NUMBER

280-175526-1

Eurofins Denver
4955 Yarrow Street
Arvada CO 80002

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



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4/27/2023 4:05:19 PM

Authorized for release by
Natalie Stone, Project Manager
Natalie.Stone@et.eurofinsus.com
(303)736-0100

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Definitions/Glossary

Client: Eco & Associates, Inc
Project/Site: Fort Wingate, NM

Job ID: 280-175526-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
D	The reported value is from a dilution.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
M	Manual integrated compound.
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 280-175526-1

Laboratory: Eurofins Denver

Narrative

CASE NARRATIVE

Client: Eco & Associates, Inc

Project: Fort Wingate, NM

Report Number: 280-175526-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/25/2023 at 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.4ºC.

ANIONS (48 HOURS)

Samples MW27042023 (280-175526-1), MW35042023 (280-175526-2) and TMW59042023 (280-175526-3) were analyzed for anions (48 hours) in accordance with 9056A (48 Hours). The samples were analyzed on 04/25/2023 and 04/26/2023.

Samples MW27042023 (280-175526-1)[10X] and TMW59042023 (280-175526-3)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Eco & Associates, Inc
Project/Site: Fort Wingate, NM

Job ID: 280-175526-1

Client Sample ID: MW27042023 — Lab Sample ID: 280-175526-1

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	39	D M	5.0	2.0	0.90	mg/L	10		9056A	Total/NA

Client Sample ID: MW35042023 — Lab Sample ID: 280-175526-2

No Detections.

Client Sample ID: TMW59042023 — Lab Sample ID: 280-175526-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	47	D M	5.0	2.0	0.90	mg/L	10		9056A	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Eco & Associates, Inc
Project/Site: Fort Wingate, NM

Job ID: 280-175526-1

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET DEN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Eco & Associates, Inc
Project/Site: Fort Wingate, NM

Job ID: 280-175526-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-175526-1	MW27042023	Water	04/24/23 12:20	04/25/23 10:15
280-175526-2	MW35042023	Water	04/24/23 13:25	04/25/23 10:15
280-175526-3	TMW59042023	Water	04/24/23 09:40	04/25/23 10:15

Client: Eco & Associates, Inc
Project/Site: Fort Wingate, NM

Job ID: 280-175526-1

General Chemistry

Client Sample ID: MW27042023
Date Collected: 04/24/23 12:20
Date Received: 04/25/23 10:15

Lab Sample ID: 280-175526-1
Matrix: Water

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate as N (SW846 9056A)	**39**	**D M**	5.0	2.0	0.90	mg/L		04/25/23 22:47	10
Nitrite as N (SW846 9056A)	0.10	U	0.50	0.10	0.049	mg/L		04/25/23 22:32	1

Client Sample ID: MW35042023
Date Collected: 04/24/23 13:25
Date Received: 04/25/23 10:15

Lab Sample ID: 280-175526-2
Matrix: Water

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate as N (SW846 9056A)	0.20	U M	0.50	0.20	0.090	mg/L		04/26/23 02:02	1
Nitrite as N (SW846 9056A)	0.10	U	0.50	0.10	0.049	mg/L		04/26/23 02:02	1

Client Sample ID: TMW59042023
Date Collected: 04/24/23 09:40
Date Received: 04/25/23 10:15

Lab Sample ID: 280-175526-3
Matrix: Water

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate as N (SW846 9056A)	**47**	**D M**	5.0	2.0	0.90	mg/L		04/25/23 17:16	10
Nitrite as N (SW846 9056A)	0.10	U M	0.50	0.10	0.049	mg/L		04/25/23 17:01	1

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 280-610029/45
Matrix: Water
Analysis Batch: 610029

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate as N	0.20	U	0.50	0.20	0.090	mg/L		04/26/23 01:32	1
Nitrite as N	0.10	U	0.50	0.10	0.049	mg/L		04/26/23 01:32	1

Lab Sample ID: MB 280-610029/6
Matrix: Water
Analysis Batch: 610029

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Nitrate as N	0.20	U	0.50	0.20	0.090	mg/L		04/25/23 14:12	1
Nitrite as N	0.10	U	0.50	0.10	0.049	mg/L		04/25/23 14:12	1

Lab Sample ID: LCS 280-610029/4
Matrix: Water
Analysis Batch: 610029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.38	M	mg/L		95	88 - 111
Nitrite as N	2.50	2.41	M	mg/L		96	87 - 111

Lab Sample ID: LCS 280-610029/43
Matrix: Water
Analysis Batch: 610029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.40	M	mg/L		96	88 - 111
Nitrite as N	2.50	2.41	M	mg/L		97	87 - 111

Lab Sample ID: LCSD 280-610029/44
Matrix: Water
Analysis Batch: 610029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.50	2.40	M	mg/L		96	88 - 111	0	10
Nitrite as N	2.50	2.41	M	mg/L		97	87 - 111	0	10

Lab Sample ID: LCSD 280-610029/5
Matrix: Water
Analysis Batch: 610029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.50	2.38	M	mg/L		95	88 - 111	0	10
Nitrite as N	2.50	2.41	M	mg/L		96	87 - 111	0	10

Lab Sample ID: MRL 280-610029/3
Matrix: Water
Analysis Batch: 610029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.250	0.232	J M	mg/L		93	50 - 150
Nitrite as N	0.250	0.241	J M	mg/L		96	50 - 150

QC Association Summary

Client: Eco & Associates, Inc
Project/Site: Fort Wingate, NM

Job ID: 280-175526-1

General Chemistry

Analysis Batch: 610029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-175526-1	MW27042023	Total/NA	Water	9056A	
280-175526-1	MW27042023	Total/NA	Water	9056A	
280-175526-2	MW35042023	Total/NA	Water	9056A	
280-175526-3	TMW59042023	Total/NA	Water	9056A	
280-175526-3	TMW59042023	Total/NA	Water	9056A	
MB 280-610029/45	Method Blank	Total/NA	Water	9056A	
MB 280-610029/6	Method Blank	Total/NA	Water	9056A	
LCS 280-610029/4	Lab Control Sample	Total/NA	Water	9056A	
LCS 280-610029/43	Lab Control Sample	Total/NA	Water	9056A	
LCSD 280-610029/44	Lab Control Sample Dup	Total/NA	Water	9056A	
LCSD 280-610029/5	Lab Control Sample Dup	Total/NA	Water	9056A	
MRL 280-610029/3	Lab Control Sample	Total/NA	Water	9056A	

Lab Chronicle

Client: Eco & Associates, Inc
Project/Site: Fort Wingate, NM

Job ID: 280-175526-1

Client Sample ID: MW27042023

Lab Sample ID: 280-175526-1

Date Collected: 04/24/23 12:20

Matrix: Water

Date Received: 04/25/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1	10 mL	10 mL	610029	04/25/23 22:32	MEC	EET DEN
Total/NA	Analysis	9056A		10	10 mL	10 mL	610029	04/25/23 22:47	MEC	EET DEN

Client Sample ID: MW35042023

Lab Sample ID: 280-175526-2

Date Collected: 04/24/23 13:25

Matrix: Water

Date Received: 04/25/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1	10 mL	10 mL	610029	04/26/23 02:02	MEC	EET DEN

Client Sample ID: TMW59042023

Lab Sample ID: 280-175526-3

Date Collected: 04/24/23 09:40

Matrix: Water

Date Received: 04/25/23 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1	10 mL	10 mL	610029	04/25/23 17:01	MEC	EET DEN
Total/NA	Analysis	9056A		10	10 mL	10 mL	610029	04/25/23 17:16	MEC	EET DEN

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: Eco & Associates, Inc
Project/Site: Fort Wingate, NM

Job ID: 280-175526-1

Laboratory: Eurofins Denver

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	10-31-23

Eurofins Denver
4955 Yarrow Street

Arvada, CO 80002-4517
phone 303.736.0100 fax 303.431.7171

Chain of Custody Record

eurofins | Environment Testing America

Cooler C731D

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact	Project Manager: Jeff Ockerman	Site Contact:	Date:	COC No:
Eco & Associates	Email: jockerman@ecoinc.info	Lab Contact:	Carrier:	_____ of _____ COCs
18231 Irvine Blvd.	Tel/Fax: (714) 289-0995			TALS Project #:
Tustin, CA 92780	Analysis Turnaround Time			Sampler:
(714) 289-0995	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(714) 289-0965	TAT if different from Below _____			Walk-in Client:
Project Name: USACE Wingate	☐ 2 weeks			Lab Sampling:
Site: Fort Wingate Depot Activity	☐ 1 week			
P O #	☑ 2 days			Job / SDG No.:
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Nitrate	Nitrite	Sample Specific Notes:
~~MW~~ MW-27-04-2023	4/24/23	12:20		W	1			X	X	
MW-26-04-26-23	4/24/23	:		W	1			X	X	
MW-30-04-26-23	4/24/23	1410		W	1			X	X	

280-175526 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Temp @ 3° C FAC | IR 14

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by: Wesley Martinez	Company: Eco & Associates	Date/Time: 04/24/23 1500	Received by: FEDEX	Company: FedEx	Date/Time: 4/24/23 1500
Relinquished by:	Company:	Date/Time:	Received by: Dyll	Company: ETA/EN	Date/Time: 4/25/23 10.15
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4/27/2023

Eurofins Denver
4955 Yarrow Street

Arvada, CO 80002-4517
phone 303.736.0100 fax 303.431.7171

Chain of Custody Record

eurofins | Environment Testing America

Cooler C731D

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact	Project Manager: Jeff Ockerman	Site Contact:	Date:	COC No:
Eco & Associates	Email: jockerman@ecoinc.info	Lab Contact:	Carrier:	_____ of _____ COCs
18231 Irvine Blvd.	Tel/Fax: (714) 289-0995			TALS Project #:
Tustin, CA 92780	Analysis Turnaround Time			Sampler:
(714) 289-0995	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
(714) 289-0965	TAT if different from Below _____			Walk-in Client:
Project Name: USACE Wingate	☐ 2 weeks			Lab Sampling:
Site: Fort Wingate Depot Activity	☐ 1 week			
P O #	☑ 2 days			Job / SDG No.:
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Nitrate	Nitrite	Sample Specific Notes:
~~MW~~ MW-27-04-2023	4/24/23	12:20		W	1			X	X	
MW-33-04-26-23	4/24/23	:		W	1			X	X	
MW-34-04-26-23	4/24/23	1410		W	1			X	X	

280-175526 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Temp @ 3° C FAC | IR 14

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd:_____ Corr'd:_____		Therm ID No.:_____
Relinquished by: Wesley Martinez	Company: Eco & Associates	Date/Time: 04/24/23 1500	Received by: FEDEX	Company: FedEx	Date/Time: 4/24/23 1500
Relinquished by:	Company:	Date/Time:	Received by: Dyll	Company: ETA/EN	Date/Time: 4/25/23 10.15
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

4/27/2023

Page 15 of 18



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ORIGIN ID:GUPA (562) 922-1284
JEFF OCKERMAN
ECO & ASSOCIATES, INC.
FORT WINGATE ARMY DEPOT
7 MILES EAST OF GALLUP
FORT WINGATE, NM 87316
UNITED STATES US

SHIP DATE: 24APR23
ACTWGT: 10.00 LB
CAD: 255943247/INET4610

BILL SENDER

TO **EUROFINS DENVER**

4955 YARROW STREET

ARVADA CO 80002

(303) 736-0100
INV:
PO:

REF: ECO 18-1237 COOLER 073D

DEPT:

583J/78CF/FE2D

FedEx Express

J223023040501uv

TUE - 25 APR 10:30A

PRIORITY OVERNIGHT

TRK# 0201 **7719 3755 1535**

XA LAAA

80002
CO-US **DEN**

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Warning Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

280-175526 Waybill

Login Sample Receipt Checklist

Client: Eco & Associates, Inc

Job Number: 280-175526-1

Login Number: 175526
List Number: 1
Creator: Roehsner, Karen P

List Source: Eurofins Denver

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	